

**Dell PowerConnect W-Series**  
**ArubaOS 5.0 MIB**  
**Reference Guide**



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## An Overview of This Manual

This guide is geared toward network administrators and operators responsible for managing the Dell controller.

## Contents

This guide provides information about ArubaOS MIBs. Unless otherwise stated in the following table, each chapter provides information about the hierarchy, OIDs, and descriptions of the statistical information the MIBs provide.

Chapter	Contents
Chapter 1 MIBs Overview	Introductory information about ArubaOS MIBs—hierarchy, relationship with SNMP, and Traps.
Chapter 2 Using MIBs	Information and tips about MIB files.
Chapter 3 AP and AM	Information about access points (AP) and air monitors (AM).
Chapter 4 Authentication	Information about authorization—network access.
Chapter 5 Controller Transport Service	Information about the Controller Transport Service (CTS)—synchronization of database and data sections.
Chapter 5 External Services Interface	Information about the ESI module of wireless management— redirecting traffic to filter or other network appliances.
Chapter 6 IF External	Information about interfaces—physical ports, configured VLANs, port memberships.
Chapter 7 Mesh	Information about Mesh topology.
Chapter 8 Mobility	Information about the ArubaOS subsystem—roaming agents.
Chapter 9 Monitor	Information about monitoring network traffic—transfer rate, errors, and so on.
Chapter 10 Signal Noise Ratio	Information about signal quality and packets—signal strength, number of packets.
Chapter 11 Switch	Information about switches, including storage and memory utilization, and the wireless stations associated with the access points.
Chapter 12 System External	Information about the utilization of system resources.
Chapter 13 Textual Conventions	Information about Textual Conventions (TC), which define many of the data formats used for Dell object types. TCs do not have OIDs.

Chapter	Contents
Chapter 14 Traps	Descriptions of traps, information that is delivered when an event occurs.
Chapter 15 User	Information about users—parties connected to the switch.
Chapter 16 User6	Information about IPv6 users—parties connected to the switch that are using IPv6
Chapter 17 Voice	Information about Voice over IP—call status and call details.
Chapter 18 WLAN	Information about wide local area network (WLAN).
Chapter 19 SNMP MIBs Reference	Reference—list of SNMP MIBs and associated OIDs.

## Related Documents

The complete documentation set for ArubaOS 5.0 software release are:

- *Dell PowerConnect ArubaOS 5.0 MIB Reference Guide (this guide)*
- *Dell PowerConnect ArubaOS 5.0 Quick Start Guide*
- *Dell PowerConnect ArubaOS 5.0 User Guide*
- *Dell PowerConnect ArubaOS 5.0 CLI Reference Guide*
- *Dell PowerConnect ArubaOS 5.0 Release Notes*
- *Dell PowerConnect ArubaOS Documentation Pointer*

## Text Conventions

Table 1 presents the conventions used throughout this manual to emphasize important concepts:

**Table 1** *Conventions*

Type Style	Description
<i>Italics</i>	This style is used to emphasize important terms and to mark the titles of books.
System items	This fixed-width font depicts the following: Sample screen output, System prompts, Filenames, software devices, and certain commands when mentioned in the text.
<b>Commands</b>	In the command examples, this bold font depicts text that the user must type exactly as shown.

## Frequently Used Acronyms

Table 2 defines frequently used acronyms.

**Table 2** *Frequently Used Acronyms*

Acronym	Definition
3DES	Triple DES
ACL	Access Control List

**Table 2** *Frequently Used Acronyms (Continued)*

<b>Acronym</b>	<b>Definition</b>
ADP	ArubaOS Discovery Protocol
AM	Air Monitor
AP	Access Point
ARM	Adaptive Radio Management
BSSID	Basic Service Set Identifier
CA	Certificate Authority
CAC	Call Admission Control
CHAP	Challenge Handshake Authentication Protocol
CLI	Command Line Interface
CRL	Certificate Revocation List
CSA	Channel Switch Announcement
CSR	Certificate Signing Request
CW	Contention Window
DA	Destination Address
DES	Data Encryption Standard
DHCP	Dynamic Host Configuration Protocol
DNS	Domain Name Service
DOS	Denial of Service
DPD	Dead Peer Detection
DSS	Direct Spread Spectrum
EAP	Extensible Authentication Protocol
EDCA	Enhanced Distributed Channel Access
EIRP	Effective Isotropic Radiated Power
ESI	External Services Interface
ESSID	Extended Service Set Identifier
GRE	Generic Routing Encapsulation
GUI	Graphical User Interface
HAT	Home Agent Table
HT	High Throughput
IAS	Internet Authentication Service
IDS	Intrusion Detection System
IGMP	Internet Group Management Protocol
IKE	Internet Key Exchange
IP	Internet Protocol

**Table 2** *Frequently Used Acronyms (Continued)*

<b>Acronym</b>	<b>Definition</b>
IV	Initialization Vectors
kB	Kilobyte
LAN	Local Area Network
LDAP	Lightweight Directory Access Protocol
LI	Listening Interval
MAC	Media Access Control
MB	Megabyte
MCHAP	Microsoft Challenge Handshake Authentication Protocol
MIB	Management Information Base
NAS	Network Address Server
NAT	Network Address Translation
NIC	Network Interface Card
NTP	Network Time Protocol
OFDM	Orthogonal Frequency Division Multiplexing
OID	Object Identifier
OUI	Organizational Unit Identifier
PAP	Password Authentication Protocol
PEAP	Protected EAP
PEF	Policy Enforcement Firewall
PIN	Personal Identification Number
PoE	Power over Ethernet
PPTP	Point-to-Point Tunneling Protocol
PSK	Pre-Shared Key
QoS	Quality of Service
RADIUS	Remote Authentication Dial In User Service
RAP	Remote Access Point
RF	Radio Frequency
RMON	Remote Monitor
RSA	Rivest-Shamir-Aldeman (encryption algorithm)
SIP	Session Initiation Protocol
SNMP	Simple Network Management Protocol
SSH	Secure Shell
SSID	Service Set Identifier
TIM	Traffic Indication Map



**Table 2** *Frequently Used Acronyms (Continued)*

<b>Acronym</b>	<b>Definition</b>
TLS	Transport Layer Security
ToS	Type of Service
TSPEC	Traffic Specification
VLAN	Virtual Local Area Network
VoIP	Voice over IP
VPN	Virtual Private Network
VRRP	Virtual Router Redundancy Protocol
VSA	Vendor Specific Attributes
WEP	Wired Equivalent Protocol
WINS	Windows Internet Naming Service
WLAN	Wireless Local Area Network
WMM	Wireless MultiMedia / Wi-Fi Multimedia
WMS	WLAN Management System
WPA	Wi-Fi Protected Access

## Contacting Support

<b>Web Site Support</b>	
Main Site	<a href="http://www.dell.com">http://www.dell.com</a>
Support Site	<a href="http://www.support.dell.com">http://www.support.dell.com</a>
Documentation Site	<a href="http://www.support.dell.com/manuals">http://www.support.dell.com/manuals</a>



This chapter provides an overview of the ArubaOS Enterprise MIBs in the following sections:

- MIBs
- SNMP
- Traps

## MIBs

A Management Information Base (MIB) is a virtual database that contains information that is used for network management. Each managed device contains MIBs that define the properties of that device. A separate MIB is provided for each defined property, such as the group of physical ports that are assigned to a VLAN or the statistical data of packets that are transferred at a specific rate.

MIB objects, such as a MIB table or a specific element of data in a MIB table, are identified with Object Identifiers (OIDs). The OIDs are designated by text strings and integer sequences.

The hardware MIBs are assigned under the Dell organization code, while all others are under the Aruba organization code. For example, *Dell* and *1.3.6.1.4.1.674* both represent the private enterprise node *Aruba*, as shown in [Figure 1 on page 20](#).

*Dell* is the parent of the proprietary MIBs that are supported on Dell PowerConnect Mobility Controllers.

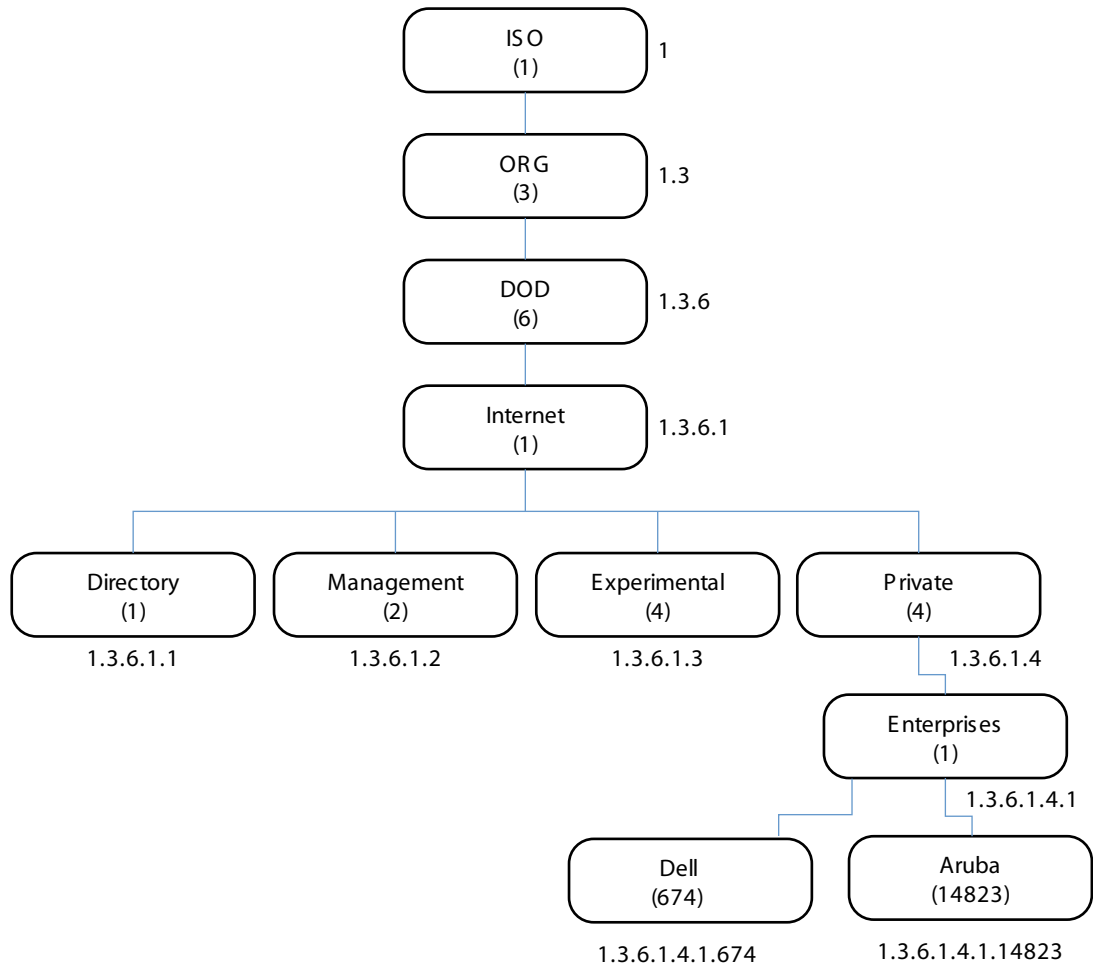
The numerical string lists the nodes of the enterprise MIB hierarchy, as shown in [Table 3](#).

**Table 3** MIB Node Identification - enterprise nodes

Integer	String	Name
1	1	OSI
3	1.3	ORG
6	1.3.6	DOD
1	1.3.6.1	Internet
4	1.3.6.1.4	Private
1	1.3.6.1.4.1	Enterprise
674	1.3.6.1.4.1.674	Dell

[Figure 1](#) illustrates the high-level hierarchy of the MIBs. This document only covers the enterprise MIBs, objects designed to specifically support Dell devices. Standard MIBs are not covered.

**Figure 1** High-Level MIB Hierarchy



MIB is one of the elements of Simple Network Management Protocol (SNMP), which is used to manage network devices. To deliver information between devices, every object referred to in an SNMP message must be listed in the MIB. If a component of a device is not described in a MIB, that component cannot be recognized by SNMP—there is no information for SNMP managers and SNMP agents to exchange.

The information provided by a MIB is a file that describes network elements with numerical strings. This information is compiled into readable text by the SNMP manager. For information about reading MIB text files, see [“Reading MIB Files” on page 28](#).

## SNMP

Three significant elements of SNMP are Managers, Agents, and MIBs.

- Managers (software application) are consoles that are used to communicate with and manage devices that support SNMP Agents. Managers collect information by polling Agents. Managers can also be used to send configuration updates or send controlling requests to actively manage a network device.
- Agents (software application) provide information from the network devices to the Managers. Network devices include workstations, routers, microwave radios, and other network components. Agents are embedded in the controller firmware, unlike some devices such as servers that require the agent to be installed separately.

- MIBs are used for communication between the Managers and the Agents. The OIDs of the MIBs enable the Managers and Agents to communicate specific data requests and data returns.
- To ensure functionality with SNMP, MIB objects must be defined with the proper *keywords*, as shown in Table 4.

ArubaOS Enterprise MIBs support SNMPv1, SNMPv2, and SNMPv3.

**Table 4** MIB Keywords

Keyword	Description
<b>Sequence</b>	The sequence of objects of the MIB. This keyword is used mostly with entry MIB objects to list the MIB objects that exchange information.
<b>Syntax</b>	Textual conventions, such as <i>Integer32</i> .
<b>Max-Access</b>	Defines the object accessibility: <i>read-only</i> : can be retrieved but not modified <i>read-write</i> : can be retrieved and modified <i>not-accessible</i> : cannot be retrieved; it is for internal (device) use only <i>accessible-for-notify</i> : can be retrieved when a trap message (notification) is sent
<b>Status</b>	Defines the status of the object: <i>current</i> : up to date <i>deprecated</i> : obsolete, and to be phased out in the future
<b>Description</b>	A text string that describes the object.



**Note:** History may be included in some MIB tables—it lists in which ArubaOS release the MIB was updated or otherwise changed.

## Traps

An event is a change on a network device, such as a change in value that crosses threshold. Some events are categorized as alarms, other events only provide information. When an event occurs on a network device, SNMP notifications are sent out as traps or information requests.

- Traps are unconfirmed notifications—the receiver does not acknowledge to the sender that the information was received.
- Inform requests are confirmed notifications—the receiver acknowledges to the sender that the information was received.

Following are descriptions of trap types.

- **Discrete Alarm Inputs**  
 These traps, also known as digital inputs or contact closures, are used for monitoring equipment failures, intrusion alarms, beacons, and flood and fire detectors.
- **Analog Alarm Inputs**  
 Analog alarms measure characteristics that can affect equipment performance—variable levels of voltage or current, temperature, humidity, and pressure.
- **Ping Alarms**  
 Ping alarms are used to ping network devices at regular intervals. If a device fails to respond, an alarm (SNMP trap) will be sent.
- **Control Relays**  
 Relay outputs enable operating remote site equipment.

- Terminal Server Function

The terminal server function enables connection to remote-site serial devices. For example, device connection to serial ports enables telnet access via LAN.

ArubaOS traps are described in the following chapter and sections.

- [“Traps” on page 343](#)
- [“wlsrTrapObjectsGroup” on page 88](#)
- [“wlsrTrapsGroup” on page 92](#)
- [“wlsxSwitchTraps Group” on page 268](#)
- [“Switch Traps–Notifications” on page 277](#)
- [“Platform Traps” on page 281](#)
- [“IPv6 Authentication Traps” on page 286](#)

This chapter provides information on and examples of using MIBs.

- Downloading MIB Files
- Monitoring WLAN Health
- Reading MIB Files
- SNMP File
- HP OpenView
- MIB Limitations

## Downloading MIB Files

The most recent Dell MIB files are available for registered customers at:

<http://www.support.dell.com>

For assistance to set up an account and access files, please contact customer service. See “” on page 17.

## Monitoring WLAN Health

This section lists SNMP MIBs that are frequently used to run health checks on Dell devices, which can be performed through a MIB browser application. To retrieve information from a MIB, the following information is required:

- SNMP version
- SNMP community name—*public* or *private*
- The IP Address of the Dell Mobility Controller
- The OID of the MIB value you want to monitor

In addition, MIB files can be placed in the appropriate disk location to assist the user in locating desired OID values for monitoring. If MIB files need to be acquired, see [Downloading MIB Files](#), above.

It is assumed that the workstation is connected to the Dell controller and that a MIB browser is available. For most applications, the *root* of the MIB must be included in the OID—the OID begins with a decimal point as shown below.

```
.1.3.6.1.4.1.674.2.2.1.1.2.1
```

## MIB Browsers

If using an application that is run through CLI (a *cmd* window), the command would resemble the following:

```
snmpget -v 2c -c <community name> <controller IP address><MIB OID>
```

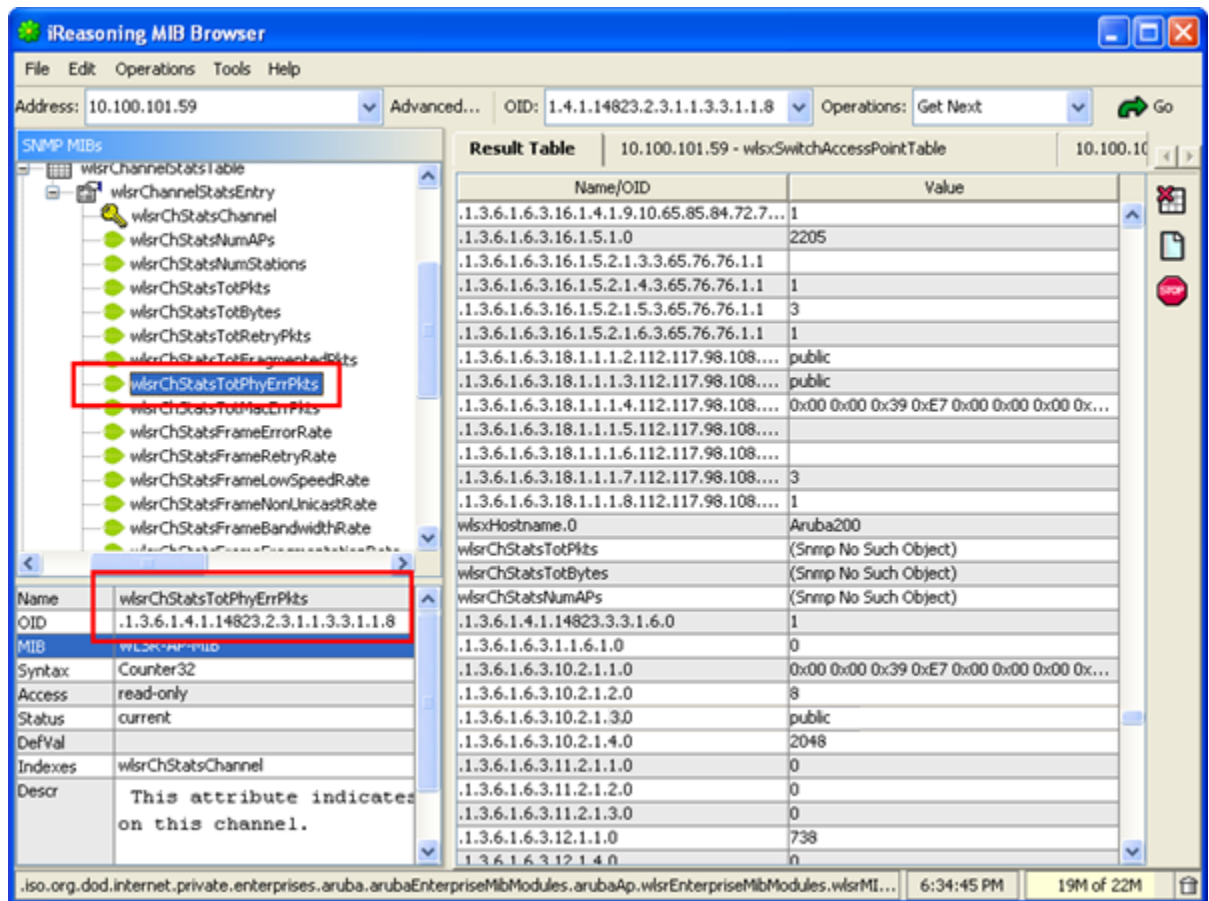
[Figure 2](#) shows an example of submitting a command to obtain information.

**Figure 2** CLI Interface

```
C:\usr\bin>snmpget -v 2c -c public 10.100.101.59 .1.3.6.1.4.1.14823.2.2.1.1.1.1
WLSX-SWITCH-MIB::wlsxHostName = GLOBALS: Aruba200
```

Figure 3 shows how information may be obtained through a graphical user interface ( GUI). The user interface and the available features vary by application.

**Figure 3** Graphical User Interface



## WLAN Health Information

This sections lists frequently used MIBs for system health checks. Examples of executing a command via CLI are also provided. Health check information can be acquired through other MIB browsers, as described in “MIB Browsers” on page 23

- Number of Current Authentications per AP
- Number of Current APs per Controller
- Number of Down APs per Controller
- Number of Successful 802.1x Authentications
- Number of Rogue APs per Controller—Count per Building
- Number of Interfering APs per Controller
- Noise Level per AP
- AP Information from Master Controller
- Information from Any AP
- Frame Retry Rate per AP BSSID
- Frame Retry Rate per AP Channel
- Frame Low-Speed Rate per AP Channel
- Frame Receive Errors per AP Channel
- Total Current Channel Bandwidth (kbps) per AP
- Tx Packets per AP BSSID (32-bit counter)
- Tx Bytes per AP BSSID (32-bit counter)
- Rx Packets per AP BSSID (32-bit counter)
- Rx Bytes per AP BSSID (32-bit counter)
- Total Bandwidth per AP BSSID (kbps)
- Free Memory



- Frame Low-Speed Rate per AP BSSID
- SNR of Wireless Devices per AP
- Frame Receive Error Rate per AP BSSID
- SNR of APs

## Number of Current Authentications per AP

wlsxSwitchUserTable .1.3.6.1.4.1.14823.2.2.1.1.2.1

```
snmpwalk -v 2c -m ALL -c <community name> <controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.2.1 | grep -c <AP Location ID x.y.z>
```

## Number of Current APs per Controller

wlsxSwitchTotalNumAccessPoints .1.3.6.1.4.1.14823.2.2.1.1.3.1

```
snmpget -v 2c -m ALL -c <community name> <Local controller IP>
.1.3.6.1.4.1.14823.2.2.1.1.3.1
```

## Number of Down APs per Controller

globalAPState .1.3.6.1.4.1.14823.2.2.1.1.3.4.1.6

```
snmpwalk -v 2c -m ALL -c <community name> <Master controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.4.1.6 | grep -c 'INTEGER: 2'
```

## Number of Successful 802.1x Authentications

wlsxSwitchUserTable .1.3.6.1.4.1.14823.2.2.1.1.2.1

To list the current dot1x users, enter:

```
snmpwalk -v 2c -m ALL -c <community name> <controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.2.1 | grep -c "<dot1x>"
```

## Number of Rogue APs per Controller—Count per Building

wlsrAmRAPType .1.3.6.1.4.1.14823.2.3.1.1.4.1.1.6

```
snmpwalk -v 2c -m ALL -c <community name> <AP IP addr>
.1.3.6.1.4.1.14823.2.3.1.1.4.1.1.6 | grep -c "unsecure"
```

## Number of Interfering APs per Controller

wlsrAmRAPType .1.3.6.1.4.1.14823.2.3.1.1.4.1.1.6

```
snmpwalk -v 2c -m ALL -c <community name> <AP IP addr>
.1.3.6.1.4.1.14823.2.3.1.1.4.1.1.6 | grep -c "interfering"
```

## Noise Level per AP

apChannelNoise .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.13

```
snmpwalk -v 2c -c <community name> <controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.13 | grep "<ap bssid in decimal format>"
```

## AP Information from Master Controller

wlsxSwitchGlobalAPTable .1.3.6.1.4.1.14823.2.2.1.1.3.4

The following command retrieves the BSSIDs and local controller IP of each AP.

```
snmpwalk -v 2c -m ALL -c <community name> <Master controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.4
```

## Information from Any AP

wlsrConfigTable .1.3.6.1.4.1.14823.2.3.1.1.1.1

The following information can be retrieved from an AP:

Current configuration of SSID, Mode, Current Channel, Tx-Power, RTS Threshold, Retry Limit, Preamble, Beacon Interval, Power Mgmt, Load Balance, Supported Rates, DTIM Period, LMS Address, Encryption, Status, Ageout, MTU, Location, Hide SSID, Deny Broadcast, BG mode, Radio Chipset, Regulatory Domain, Country Code, and Tx Rates.

```
snmpwalk -v 2c -m ALL -c <community name> <AP IP addr> .1.3.6.1.4.1.14823.2.3.1.1.1.1
```

## Frame Retry Rate per AP BSSID

apBSSFrameRetryRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.13

```
snmpwalk -v 2c -c <community name> <controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.13 | grep "<ap bssid in decimal format>"
```

## Frame Low-Speed Rate per AP BSSID

apBSSFrameLowSpeedRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.14

```
snmpwalk -v 2c -c <community name> <controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.14 | grep "<ap bssid in decimal format>"
```

## Frame Receive Error Rate per AP BSSID

apBSSFrameReceiveErrorRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.17

```
snmpwalk -v 2c -c <community name> <controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.17 | grep "<ap bssid in decimal format>"
```

## Frame Retry Rate per AP Channel

apChannelFrameRetryRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.3

```
snmpwalk -v 2c -c <community name> <controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.3 | grep "<ap bssid in decimal format>"
```

## Frame Low-Speed Rate per AP Channel

apChannelFrameLowSpeedRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.4

```
snmpwalk -v 2c -c <community name> <controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.4 | grep "<ap bssid in decimal format>"
```

## Frame Receive Errors per AP Channel

This information is available from any Dell controller.

apChannelFrameReceiveErrorRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.7

```
snmpwalk -v 2c -c <community name> <controller IP addr>  
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.7 | grep "<ap bssid in decimal format>"
```

## Total Current Channel Bandwidth (kbps) per AP

apChannelBwRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.2

```
snmpwalk -v 2c -c <community name> <controller IP addr>  
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.2 | grep "<ap bssid in decimal format>"
```

## Tx Packets per AP BSSID (32-bit counter)

apBSSTxPackets .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.8

```
snmpwalk -v 2c -c <community name> <controller IP addr>  
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.8 | grep "<ap bssid in decimal format>"
```

## Tx Bytes per AP BSSID (32-bit counter)

apBSSTxBytes .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.9

```
snmpwalk -v 2c -c <community name> <controller IP addr>  
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.9 | grep "<ap bssid in decimal format>"
```

## Rx Packets per AP BSSID (32-bit counter)

apBSSRxPackets .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.10

```
snmpwalk -v 2c -c <community name> <controller IP addr>  
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.10 | grep "<ap bssid in decimal format>"
```

## Rx Bytes per AP BSSID (32-bit counter)

apBSSRxBytes .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.11

```
snmpwalk -v 2c -c <community name> <controller IP addr>  
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.11 | grep "<ap bssid in decimal format>"
```

## Total Bandwidth per AP BSSID (kbps)

apBSSBwRate .1.3.6.1.4.1.14823.2.2.1.1.3.5.1.12

```
snmpwalk -v 2c -c <community name> <controller IP addr>  
.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.12 | grep "<ap bssid in decimal format>"
```

## Free Memory

sysXMemoryFree .1.3.6.1.4.1.14823.2.2.1.1.11.1.4

```
snmpget -v 2c -m ALL -c <community name> <controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.11.1.4.1
```

## SNR of Wireless Devices per AP

staSignalToNoiseRatio .1.3.6.1.4.1.14823.2.2.1.1.2.2.1.7

```
snmpwalk -v 2c -c <community name> <controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.2.2.1.7 | grep "<ap bssid in decimal format>"
```

## SNR of APs

apSignalToNoiseRatio .1.3.6.1.4.1.14823.2.2.1.1.3.3.1.14

```
snmpwalk -v 2c -c <community name> <controller IP addr>
.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.14 | grep "<ap bssid in decimal format>"
```

## Reading MIB Files

This section describes how to interpret the basic components of a MIB file. To determine the OIDs, viewing the file `snmp.h` may be necessary, which is described in [“SNMP File” on page 32](#). For additional information about MIB files, see [“MIBs” on page 19](#). For a listing of SNMP MIB OIDs, see [Chapter 19, “SNMP MIBs Reference” on page 631](#).

MIB files describe a specific component of a network device. The files are numerical strings that are converted to ASCII text by the compiler of the SNMP manager. A word processor or text editor can be used to open the ASCII file. The contents of an example ArubaOS enterprise MIB file, *aruba-cts.my*, are described below.

## Opening Line

Following is the opening line, the beginning of the MIB file.

```
WLSX-CTS-MIB DEFINITIONS ::= BEGIN
```

## Imports

The `Imports` section lists the objects that are defined in external ASN.1 files and are used in the current MIB file.

```
IMPORTS
    TEXTUAL-CONVENTION,
    MODULE-IDENTITY,
    OBJECT-TYPE,
    snmpModules,
    Integer32,
    Unsigned32,
    Counter32,
    IPAddress,
    NOTIFICATION-TYPE
    FROM SNMPv2-SMI

    TDomain,
    DisplayString,
    PhysAddress,
```

```

TAddress,
TimeInterval,
RowStatus,
StorageType,
TestAndIncr,
MacAddress,
TruthValue
    FROM SNMPv2-TC

OBJECT-GROUP
    FROM SNMPv2-CONF

```

## Inheritance

This section shows the vendor of the MIB and the inheritance, and provides an overall description.

A significant part of inheritance is the OID. The entire OID is not listed for each MIB object—instead, the parent of the object is shown. The tree for the CTS MIB is illustrated in [Figure 4 on page 32](#). The OID can be determined from the parent object as follows.

`wlsxEnterpriseMibModules` is the parent object of the CTS MIB—its OID is 1.3.6.1.4.1.14823.2.2.1.

`wlsxCtsMIB MODULE-IDENTITY` shows `wlsxEnterpriseMibModules 11`, which indicates 11 is appended to the OID of `wlsxEnterpriseMibModules`. The resultant OID is 1.3.6.1.4.1.14823.2.2.1.11.

`wlsxCtsOpGroup OBJECT IDENTIFIER ::= { wlsxCtsMIB 1 }` indicates the OID is 1.3.6.1.4.1.14823.2.2.1.11.1.

`wlsxCtsRequestTable OBJECT-TYPE` shows `wlsxCtsOpGroup 1`, which indicates the OID is 1.3.6.1.4.1.14823.2.2.1.11.1.1.

All MIBs and their related OIDs are listed in the `snmp` file of ArubaOS. For more information, see [“SNMP File” on page 32](#).

```

wlsxEnterpriseMibModules
FROM ARUBA-MIB;

```

## Identity

Identity is the opening description of the MIB. The information includes contact information for the vendor and a general description of the MIB.

```

wlsxCtsMIB MODULE-IDENTITY
    LAST-UPDATED "0609240301Z"
    ORGANIZATION "Aruba Wireless Networks"
    CONTACT-INFO
        "Postal:    1322 Crossman Avenue
                Sunnyvale, CA 94089
        E-mail:    dl-support@arubanetworks.com
        Phone:    +1 408 227 4500"
    DESCRIPTION
        "This MIB module defines MIB objects which provide
        information about the Controller Transport Service (Cts) in the
        Dell controller."
    REVISION      "0609240301Z"
    DESCRIPTION
        "The initial revision."
    ::= { wlsxEnterpriseMibModules 11 }

```

## MIB Modules

MIB objects can be placed in logical groups, [Group](#) and [Table](#). One MIB file can consist of multiple groups. A group typically contains at least one table. The table lists the MIB objects that contain the information that is exchanged.

The first object of a table is an [Entry](#). The keyword `SEQUENCE` lists the objects of the table that contain device information. Each subsequent object ([Informative MIB Objects](#)) inherits the OID of the Entry, and contains information sorted by keywords: Syntax, Access, Status, Description. For details about keywords, see [“MIBs” on page 19](#).

The OID of the Entry is `wlsxCtsRequestEntry` is `wlsxCtsRequestTable 1`, which represents `1.3.6.1.4.1.14823.2.2.1.11.1.1.1`. The OIDs of the subsequent objects of this table are appended increments of the Entry OID. For example, the OID of `wlsxCtsIndex` is `wlsxCtsRequestEntry 1`, which represents `1.3.6.1.4.1.14823.2.2.1.11.1.1.1.1`.

## Group

```
wlsxCtsOpGroup      OBJECT IDENTIFIER ::= { wlsxCtsMIB 1 }
```

## Table

```
wlsxCtsRequestTable OBJECT-TYPE
SYNTAXSEQUENCE OF WlsxCtsRequestEntry
MAX-ACCESSnot-accessible
STATUScurrent
DESCRIPTION
"
"
 ::= { wlsxCtsOpGroup 1 }
```

## Entry

```
wlsxCtsRequestEntry OBJECT-TYPE
SYNTAX WlsxCtsRequestEntry
MAX-ACCESS not-accessible
STATUScurrent
DESCRIPTION
" "
INDEX { wlsxCtsIndex }
 ::= { wlsxCtsRequestTable 1 }
```

```
WlsxCtsRequestEntry ::=
SEQUENCE
{
wlsxCtsIndexInteger32,
wlsxCtsOpcodeDisplayString,
wlsxCtsCookieDisplayString,
wlsxCtsURLDisplayString,
wlsxCtsFlagsBITS,
wlsxCtsStatusRowStatus
}
```

## *Informative MIB Objects*

```
wlsxCtsIndex OBJECT-TYPE
SYNTAX Integer32
MAX-ACCESS not-accessible
STATUScurrent
```

```
DESCRIPTION
"
CTS transport index
0 - Config Sync
1 - Counters Sync
2 - RF Plan Sync
"
 ::= { wlsxCtsRequestEntry 1 }
```

```
wlsxCtsOpcode OBJECT-TYPE
SYNTAX DisplayString
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"
CTS operation opcode
"
 ::= { wlsxCtsRequestEntry 2 }
```

```
wlsxCtsStatus OBJECT-TYPE
SYNTAX RowStatus
MAX-ACCESS read-write
STATUS current
DESCRIPTION
"
CTS row status
"
 ::= { wlsxCtsRequestEntry 6 }
```

## Closing Line

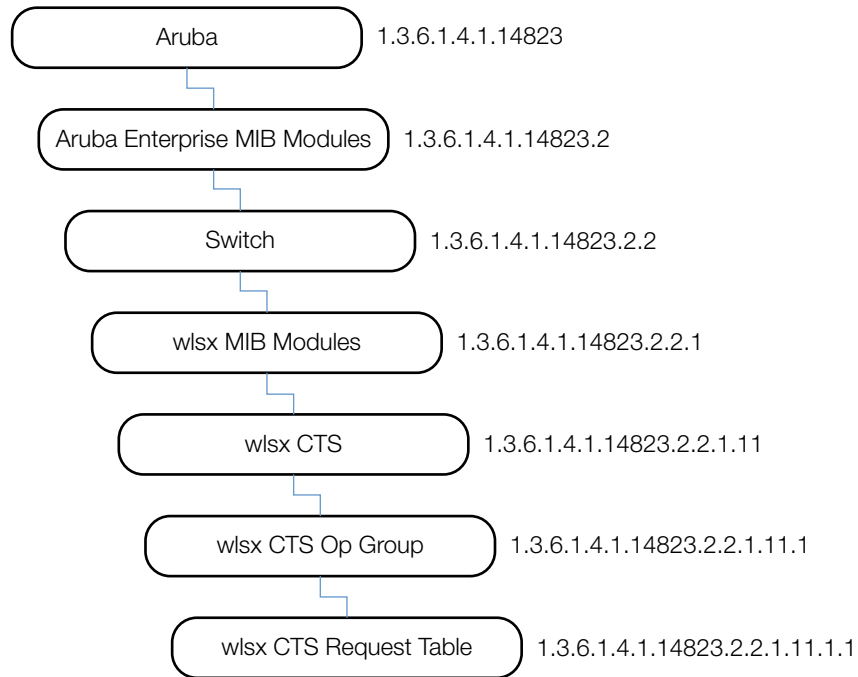
Following is the closing line—the end of the MIBs file.

```
END
```

## OID Flow Chart

Figure 4 illustrates the tree of the CTS MIB, relative to the Dell MIB.

**Figure 4** CTS OIDs Relative to Dell



## SNMP File

The `snmp.h` file lists the OIDs of all MIBs. Following are sections from `snmp.h` that show the complete OID of each of the Controller Transport Service (CTS) MIB elements. The list starts from the ancestral parent `iso`.

The SNMP file with all Dell MIBs is listed in [Chapter 19, “SNMP MIBs Reference”](#) on page 631.

All ArubaOS MIBs inherit their OIDs from the Dell MIB node. The following rows list the MIBs that precede CTS, starting from `iso`.

```
{ "iso",                HASHNEXT("1") },
{ "org",                HASHNEXT("1.3") },
{ "dod",               HASHNEXT("1.3.6") },
{ "internet",         HASHNEXT("1.3.6.1") },
{ "private",          HASHNEXT("1.3.6.1.4") },
{ "enterprises",      HASHNEXT("1.3.6.1.4.1") },
{ "aruba",            HASHNEXT("1.3.6.1.4.1.14823") },
{ "arubaEnterpriseMibModules", HASHNEXT("1.3.6.1.4.1.14823.2") },
{ "switch",           HASHNEXT("1.3.6.1.4.1.14823.2.2") },
```



```
{ "wlsxEnterpriseMibModules", HASHNEXT("1.3.6.1.4.1.14823.2.2.1") },
```

The following rows list the CTS MIB OIDs.

```
{ "wlsxCtsMIB", HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11") },
{ "wlsxCtsOpGroup", HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1") },
{ "wlsxCtsRequestTable", HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1") },
{ "wlsxCtsRequestEntry", HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1") },
{ "wlsxCtsIndex", HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.1")},
{ "wlsxCtsOpcode", HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.2")},
{ "wlsxCtsCookie", HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.3")},
{ "wlsxCtsURL", HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.4")},
{ "wlsxCtsFlags", HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.5")},
{ "wlsxCtsStatus", HASHNEXT("1.3.6.1.4.1.14823.2.2.1.11.1.1.1.6")},
```

## HP OpenView

To install the Dell module for HP OpenView, log in as the root user and execute the following script:

```
# $OV_CONTRIB/NNM/Dell/install
```

## MIB Limitations

Following are the known limitations and constraints of ArubaOS MIBs.

**Table 5** *Limitations and Constraints*

MIB	Module	Limitation
Switch	wlsxSwitchListTable	Information can only be queried from the master switch—only the table of the master switch is populated. If a local switch is queried, an empty table will be returned.
Switch	wlsxSwitchGlobalAPTable	Information can only be queried from the master switch—only the table of the master switch is populated. If a local switch is queried, an empty table will be returned.
Textual Conventions	<i>All objects</i>	Textual conventions objects do not include object identification (OID).





---

**Note:** All MIB tables in this chapter have been deprecated and are no longer supported.

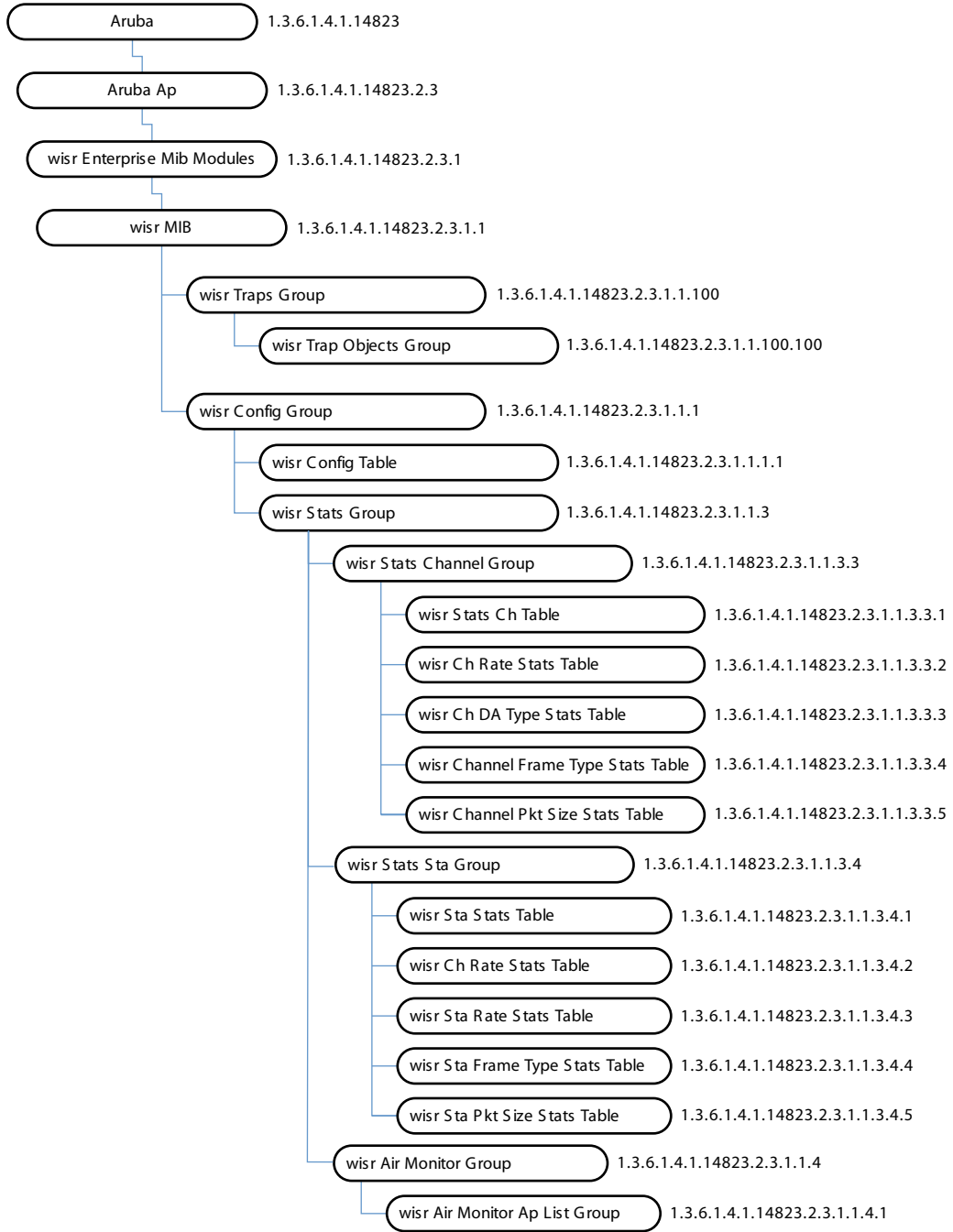
---

The AP and AM module provides information about access points and air monitors. The access point (AP) is a device or an application that connects the wireless client to a local area network (LAN). APs continually poll the network and report information to the controllers. This feature can be used to enhance the security of wireless communication and to extend the range of a wireless user by connecting to a wireless device through a wired LAN.

The Dell AP can also function as an air monitor (AM), which scans the RF spectrum, and can be used to enhance the performance of the AP.

[Figure 5](#) shows the architecture of the AP AM MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The AP and AM MIBs are listed in the file *aruba-ap.my*. For information about downloading Dell MIB files, see [“Downloading MIB Files” on page 23](#).

**Figure 5** Access Point Air Module Hierarchy



## wlsrEnterpriseMibModules

The AP MIB contains several tables, which are listed and summarized in [Table 6](#). The objects of each table are described in the following sections.

**Table 6** AP Tables

Table	Description
<a href="#">wlsrConfigTable</a>	This table lists the configuration data of an access point. Each row in the table represents a WiFi interface.
<a href="#">wlsrChannelStatsTable</a>	This table lists channel statistics.
<a href="#">wlsrChannelRateStatsTable</a>	This table lists channel statistics that are sorted per data rate.
<a href="#">wlsrChannelDTypeStatsTable</a>	This table lists channel packet and byte counts per channel, which are sorted by destination address.
<a href="#">wlsrChannelPktSizeStatsTable</a>	This table lists channel statistics that are sorted by packet size.
<a href="#">wlsrStaStatsTable</a>	This table lists statistics that are sorted by station.
<a href="#">wlsrStaRateStatsTable</a>	This table lists station statistics that are sorted by data rates.
<a href="#">wlsrStaDTypeStatsTable</a>	This table lists station statistics that are sorted by the destination address.
<a href="#">wlsrStaFrameTypeStatsTable</a>	This table lists station statistics that are sorted by the subtype of the packet.
<a href="#">wlsrStaPktSizeStatsTable</a>	This table lists station statistics of received or transmitted packets that are sorted by packet size.
<a href="#">wlsrAirMonitorApListTable</a>	On an air monitor, this table contains all the access points the air monitor is monitoring. On an access point, this table contains itself.

## wlsrConfigTable

The wlsr Configuration Table contains the configuration data of an access point. Each object in the table represents a WiFi interface.

**Table 7** wlsrConfigTable OIDs

Object	Object ID	
<a href="#">wlsrConfigEntry</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1	wlsrConfigTable 1
<a href="#">wlsrBSSID</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.1	wlsrConfigEntry 1
<a href="#">wlsrESSID</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.2	wlsrConfigEntry 2
<a href="#">wlsrMode</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.3	wlsrConfigEntry 3
<a href="#">wlsrCurrentChannel</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.4	wlsrConfigEntry 4
<a href="#">wlsrTxPower</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.5	wlsrConfigEntry 5
<a href="#">wlsrRTSThreshold</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.6	wlsrConfigEntry 6
<a href="#">wlsrRetryLimit</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.7	wlsrConfigEntry 7
<a href="#">wlsrPreamble</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.8	wlsrConfigEntry 8
<a href="#">wlsrBeaconInterval</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.9	wlsrConfigEntry 9
<a href="#">wlsrPowerMgmt</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.10	wlsrConfigEntry 10
<a href="#">wlsrLoadBalance</a>	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.11	wlsrConfigEntry 11

**Table 7** *wlsrConfigTable OIDs (Continued)*

Object	Object ID	
wlsrSupportedRates	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.12	wlsrConfigEntry 12
wlsrDTIMPeriod	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.13	wlsrConfigEntry 13
wlsrLMSAddress	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.14	wlsrConfigEntry 14
wlsrEncryption	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.15	wlsrConfigEntry 15
wlsrStatus	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.17	wlsrConfigEntry 17
wlsrAgeout	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.18	wlsrConfigEntry 18
wlsrMTU	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.19	wlsrConfigEntry 19
wlsrLocation	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.20	wlsrConfigEntry 20
wlsrHideSSID	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.21	wlsrConfigEntry 21
wlsrDenyBroadcast	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.22	wlsrConfigEntry 22
wlsrBGmode	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.23	wlsrConfigEntry 23
wlsrCardType	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.24	wlsrConfigEntry 24
wlsrRegDomain	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.25	wlsrConfigEntry 25
wlsrCountryCode	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.26	wlsrConfigEntry 26
wlsrTxRates	1.3.6.1.4.1.14823.2.3.1.1.1.1.1.27	wlsrConfigEntry 27

**wlsrConfigEntry**

<b>Syntax</b>	wlsrConfigEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	A WiFi configuration entry.
<b>Index</b>	{ wlsrBSSID }

**wlsrBSSID**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	BSSID of the WiFi Interface.

## wlsrESSID

<b>Syntax</b>	DisplayString (Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	ESSID of the WiFi Interface.

## wlsrMode

<b>Syntax</b>	Integer master(1) adhoc(2) monitor(3)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Mode of the access point. Master indicates that we are operating as access point. Monitor indicates that the access point is an air monitor.

## wlsrCurrentChannel

<b>Syntax</b>	Integer (1..165)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The current operating frequency channel of the DSSS PHY.

## wlsrTxPower

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Transmit power of the access point. The value is between 0 ... 4.

## wlsrRTSThreshold

<b>Syntax</b>	Integer (0..2347)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute shall indicate the number of octets in an MPDU, below which an RTS/CTS handshake shall not be performed.

## wlsrRetryLimit

<b>Syntax</b>	Integer (1..255)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute shall indicate the maximum number of transmission attempts of a frame, the length of which is less than or equal to dot11RTSThreshold, that shall be made before a failure condition is indicated. The default value of this attribute shall be 7.

## wlsrPreamble

<b>Syntax</b>	Integer {short(1),long(2)}
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The current radio preamble type in use by the WiFi interface.

## wlsrBeaconInterval

<b>Syntax</b>	Integer (1..65535)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object specifies the number of transmission units that a station uses for scheduling beacon transmissions. This value is transmitted in beacon and probe response frames.

## wlsrPowerMgmt

<b>Syntax</b>	Integer enable(1) disable(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates whether power management is enabled or not.



## wlsrLoadBalance

<b>Syntax</b>	Integer enable(1) disable(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates if load balancing is enabled or disabled.

## wlsrSupportedRates

<b>Syntax</b>	Bits unused0(0) unused1(1) unused2(2) unused3(3) rate54Mbps(4) rate48Mbps(5) rate36Mbps(6) rate24Mbps(7) rate18Mbps(8) rate12Mbps(9) rate9Mbps(10) rate6Mbps(11) rate11Mbps(12) rate5Mbps(13) rate2Mbps(14) rate1Mbps(15)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Basic bit rates supported by this WiFi interface.

## wlsrDTIMPeriod

<b>Syntax</b>	Integer (1..255)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute shall specify the number of beacon intervals that shall elapse between transmission of beacon frames containing a TIM element—the DTIM count field is 0. This value is transmitted in the DTIM Period field of beacon frames.

## wlsrLMSAddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The IP Address of the local switch that the access point is connected to.

## wlsrEncryption

<b>Syntax</b>	Bits unused0(0) unused1(1) unused2(2) unused3(3) unused4(4) unused5(5) unused6(6) xSec(7) wpa2PreAuth(8) aes8021x(9) aesPSK(10) dynamicTkip(11) staticTkip(12) dynamicWep(13) staticWep(14) disabled(15)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The encryption type of the WiFi interface.

## wlsrStatus

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The status of the WiFi Interface.

## wlsrAgeout

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The age-out value in seconds.

## wlsrMTU

<b>Syntax</b>	Integer (0..2347)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The MTU of the WiFi Interface.

## wlsrLocation

<b>Syntax</b>	DisplayString (Size(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The location of the access point in <i>Building.Floor.location</i> format.

## wlsrHideSSID

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates if SSID is hidden or not.

## wlsrDenyBroadcast

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	A True value indicates that Broadcast is disabled.

## wlsrBGmode

<b>Syntax</b>	Integer bgMixed(1) bOnly(2) gOnly(3)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the mode of the WiFi Interface.

## wlsrCardType

<b>Syntax</b>	Integer noCard(1) intersil(2) atherosA(3) atherosBG(4) atherosABG(5) ar5212A(10) ar5212BG(11) ar5212ABG(12)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates the type of the radio card.

## wlsrRegDomain

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	This object represents the configured regulatory domain of which country this AP will adhere to. See <a href="#">Table 8</a> .

**Table 8** *Regulatory Domain*

ID	Country	ID	Country
1	US	10	Malaysia
2	Japan	11	Brazil
3	Eu	12	Taiwan
4	Eu2	13	Czech Republic
5	Eu3	14	GR
6	Korea	15	South Africa
7	China	16	Argentina
8	France	17	Australia
9	Singapore	18	Chile

## wlsrCountryCode

<b>Syntax</b>	DisplayString (Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object represents the configured country code.

## wlsrTxRates

<b>Syntax</b>	Bits {unused0(0) unused1(1) unused2(2) unused3(3) rate54Mbps(4) rate48Mbps(5) rate36Mbps(6) rate24Mbps(7) rate18Mbps(8) rate12Mbps(9) rate9Mbps(10) rate6Mbps(11) rate11Mbps(12) rate5Mbps(13) rate2Mbps(14) rate1Mbps(15)}
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Transmit Bit rates supported by this WiFi interface.

## wlsrChannelStatsTable

The objects of the wlsr Channel Statistics table provide aggregated channel statistics.

**Table 9** *wlsrChannelStatsTable OIDs*

Object	Object ID	
<a href="#">wlsrChannelStatsEntry</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1	wlsrChannelStatsTable 1
<a href="#">wlsrChStatsChannel</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.1	wlsrChannelStatsEntry 1
<a href="#">wlsrChStatsNumAPs</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.2	wlsrChannelStatsEntry 2
<a href="#">wlsrChStatsNumStations</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.3	wlsrChannelStatsEntry 3
<a href="#">wlsrChStatsTotPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.4	wlsrChannelStatsEntry 4
<a href="#">wlsrChStatsTotBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.5	wlsrChannelStatsEntry 5
<a href="#">wlsrChStatsTotRetryPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.6	wlsrChannelStatsEntry 6
<a href="#">wlsrChStatsTotFragmentedPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.7	wlsrChannelStatsEntry 7

**Table 9** *wlsrChannelStatsTable OIDs (Continued)*

Object	Object ID	
wlsrChStatsTotPhyErrPkts	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.8	wlsrChannelStatsEntry 8
wlsrChStatsTotMacErrPkts	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.9	wlsrChannelStatsEntry 9
wlsrChStatsFrameErrorRate	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.10	wlsrChannelStatsEntry 10
wlsrChStatsFrameRetryRate	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.11	wlsrChannelStatsEntry 11
wlsrChStatsFrameLowSpeedRate	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.12	wlsrChannelStatsEntry 12
wlsrChStatsFrameNonUnicastRate	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.13	wlsrChannelStatsEntry 13
wlsrChStatsFrameBandwidthRate	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.14	wlsrChannelStatsEntry 14
wlsrChStatsFrameFragmentationRate	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.15	wlsrChannelStatsEntry 15
wlsrChStatsMonitoredTime	1.3.6.1.4.1.14823.2.3.1.1.3.3.1.1.16	wlsrChannelStatsEntry 16

**wlsrChannelStatsEntry**

<b>Syntax</b>	wlsrChannelStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Channel Statistics Table
<b>Index</b>	{ wlsrChStatsChannel }

**wlsrChStatsChannel**

<b>Syntax</b>	Integer (1..165)
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The frequency channel on which these statistics are collected.

**wlsrChStatsNumAPs**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of APs using this channel.

## **wlsrChStatsNumStations**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of stations using this channel.

## **wlsrChStatsTotPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total packets observed on this channel.

## **wlsrChStatsTotBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total bytes observed on this channel.

## **wlsrChStatsTotRetryPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total retry packets observed on this channel.

## **wlsrChStatsTotFragmentedPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total fragmented packets observed on this channel.

## **wlsrChStatsTotPhyErrPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total physical error packets observed on this channel.

## **wlsrChStatsTotMacErrPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total MAC errors packets observed on this channel.

## **wlsrChStatsFrameErrorRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Frame errors as a percentage of total frames on this channel.

## **wlsrChStatsFrameRetryRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The frame retry rate

## **wlsrChStatsFrameLowSpeedRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The frame low speed error rate in kbps.



## wlsrChStatsFrameNonUnicastRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Frame non-unicast rate in kbps.

## wlsrChStatsFrameBandwidthRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Frame bandwidth rate in kbps.

## wlsrChStatsFrameFragmentationRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Frame fragmentation rate in kbps.

## wlsrChStatsMonitoredTime

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time in ticks, since we have been observing this channel.

## wlsrChannelRateStatsTable

The objects of the wlsr Channel Rates Statistics table provide statistical information of packet and byte counts. The information is sorted by data rates.

**Table 10** *wlsrChannelRateStatsTable OIDs*

Object	Object ID	
<a href="#">wlsrChannelRateStatsEntry</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1	wlsrChannelRateStatsTable 1
<a href="#">wlsrChStatsTotPktsAt1Mbps</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.1	wlsrChannelRateStatsEntry 1
<a href="#">wlsrChStatsTotBytesAt1Mbps</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.2	wlsrChannelRateStatsEntry 2

**Table 10** *wlsrChannelRateStatsTable OIDs (Continued)*

Object	Object ID	
wlsrChStatsTotPktsAt2Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.3	wlsrChannelRateStatsEntry 3
wlsrChStatsTotBytesAt2Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.4	wlsrChannelRateStatsEntry 4
wlsrChStatsTotPktsAt5Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.5	wlsrChannelRateStatsEntry 5
wlsrChStatsTotBytesAt5Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.6	wlsrChannelRateStatsEntry 6
wlsrChStatsTotPktsAt11Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.7	wlsrChannelRateStatsEntry 7
wlsrChStatsTotBytesAt11Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.8	wlsrChannelRateStatsEntry 8
wlsrChStatsTotPktsAt6Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.9	wlsrChannelRateStatsEntry 9
wlsrChStatsTotBytesAt6Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.10	wlsrChannelRateStatsEntry 10
wlsrChStatsTotPktsAt12Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.11	wlsrChannelRateStatsEntry 11
wlsrChStatsTotBytesAt12Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.12	wlsrChannelRateStatsEntry 12
wlsrChStatsTotPktsAt18Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.13	wlsrChannelRateStatsEntry 13
wlsrChStatsTotBytesAt18Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.14	wlsrChannelRateStatsEntry 14
wlsrChStatsTotPktsAt24Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.15	wlsrChannelRateStatsEntry 15
wlsrChStatsTotBytesAt24Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.16	wlsrChannelRateStatsEntry 16
wlsrChStatsTotPktsAt36Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.17	wlsrChannelRateStatsEntry 17
wlsrChStatsTotBytesAt36Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.18	wlsrChannelRateStatsEntry 18
wlsrChStatsTotPktsAt48Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.19	wlsrChannelRateStatsEntry 19
wlsrChStatsTotBytesAt48Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.20	wlsrChannelRateStatsEntry 20
wlsrChStatsTotPktsAt54Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.21	wlsrChannelRateStatsEntry 21
wlsrChStatsTotBytesAt54Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.3.2.1.22	wlsrChannelRateStatsEntry 22

**wlsrChannelRateStatsEntry**

<b>Syntax</b>	wlsrChannelRateStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Channel rate statistics.
<b>Index</b>	{ wlsrChStatsChannel }

### **wlsrChStatsTotPktsAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this channel at 1 Mbps rate.

### **wlsrChStatsTotBytesAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this channel at 1 Mbps rate.

### **wlsrChStatsTotPktsAt2Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this channel at 2 Mbps rate.

### **wlsrChStatsTotBytesAt2Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this channel at 2 Mbps rate.

### **wlsrChStatsTotPktsAt5Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this channel at 5 Mbps rate.

## **wlsrChStatsTotBytesAt5Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this channel at 5 Mbps rate.

## **wlsrChStatsTotPktsAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this channel at 11 Mbps rate.

## **wlsrChStatsTotBytesAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this channel at 11 Mbps rate.

## **wlsrChStatsTotPktsAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this channel at 6 Mbps rate.

## **wlsrChStatsTotBytesAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this channel at 6 Mbps rate.

## **wlsrChStatsTotPktsAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this channel at 12 Mbps rate.

## **wlsrChStatsTotBytesAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this channel at 12 Mbps rate.

## **wlsrChStatsTotPktsAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this channel at 18 Mbps rate.

## **wlsrChStatsTotBytesAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this channel at 18 Mbps rate.

## **wlsrChStatsTotPktsAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this channel at 24 Mbps rate.

## **wlsrChStatsTotBytesAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this channel at 24 Mbps rate.

## **wlsrChStatsTotPktsAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this channel at 36 Mbps rate.

## **wlsrChStatsTotBytesAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this channel at 36 Mbps rate.

## **wlsrChStatsTotPktsAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this channel at 48 Mbps rate.

## **wlsrChStatsTotBytesAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this channel at 48 Mbps rate.

## wlsrChStatsTotPktsAt54Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this channel at 54 Mbps rate.

## wlsrChStatsTotBytesAt54Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this channel at 54 Mbps rate.

## wlsrChannelDTypeStatsTable

The objects of the wlsr Channel Destination Address Type Statistics table provide statistical information about channels that is based on the destination type.

**Table 11** *wlsrChannelDTypeStatsTable OIDs*

Object	Object ID	
<a href="#">wlsrChannelDTypeStatsEntry</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1	wlsrChannelDTypeStatsTable 1
<a href="#">wlsrChStatsTotDABroadcastPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.1	wlsrChannelDTypeStatsEntry 1
<a href="#">wlsrChStatsTotDABroadcastBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.2	wlsrChannelDTypeStatsEntry 2
<a href="#">wlsrChStatsTotDAMulticastPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.3	wlsrChannelDTypeStatsEntry 3
<a href="#">wlsrChStatsTotDAMulticastBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.4	wlsrChannelDTypeStatsEntry 4
<a href="#">wlsrChStatsTotDAUnicastPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.5	wlsrChannelDTypeStatsEntry 5
<a href="#">wlsrChStatsTotDAUnicastBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.6	wlsrChannelDTypeStatsEntry 6

## wlsrChannelDTypeStatsEntry

<b>Syntax</b>	wlsrChannelDTypeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Channel Statistics based on the Address Type.
<b>Index</b>	{ wlsrChStatsChannel }

### **wlsrChStatsTotDABroadcastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of broadcast packets observed on this channel.

### **wlsrChStatsTotDABroadcastBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of broadcast bytes observed on this channel.

### **wlsrChStatsTotDAMulticastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of multicast packets observed on this channel.

### **wlsrChStatsTotDAMulticastBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of multicast bytes observed on this channel.

### **wlsrChStatsTotDAUnicastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of unicast packets observed on this channel.



## wlsrChStatsTotDAUnicastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of unicast bytes observed on this channel.

## wlsrChannelFrameTypeStatsTable

The objects of the wlsr Channel Frame Type Statistics table provide information on package and byte counts per channel, which are sorted by frame type.

**Table 12** *wlsrChannelFrameTypeStatsTable OIDs*

Object	Object ID	
<a href="#">wlsrChannelFrameTypeStatsEntry</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1	wlsrChannelFrameTypeStatsTable 1
<a href="#">wlsrChStatsTotMgmtPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.1	wlsrChannelFrameTypeStatsEntry 1
<a href="#">wlsrChStatsTotMgmtBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.2	wlsrChannelFrameTypeStatsEntry 2
<a href="#">wlsrChStatsTotCtrlPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.3	wlsrChannelFrameTypeStatsEntry 3
<a href="#">wlsrChStatsTotCtrlBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.4	wlsrChannelFrameTypeStatsEntry 4
<a href="#">wlsrChStatsTotDataPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.5	wlsrChannelFrameTypeStatsEntry 5
<a href="#">wlsrChStatsTotDataBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.3.1.6	wlsrChannelFrameTypeStatsEntry 6

## wlsrChannelFrameTypeStatsEntry

<b>Syntax</b>	wlsrChannelFrameTypeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Channel statistics based on frame type.
<b>Index</b>	{ wlsrChStatsChannel }

## wlsrChStatsTotMgmtPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of management packets observed on this channel.

## wlsrChStatsTotMgmtBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of management bytes observed on this channel.

## wlsrChStatsTotCtrlPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of control packets observed on this channel.

## wlsrChStatsTotCtrlBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of control bytes observed on this channel.

## wlsrChStatsTotDataPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of data packets observed on this channel.

## wlsrChStatsTotDataBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of data bytes observed on this channel.

## wlsrChannelPktSizeStatsTable

The objects of the wlsr Channel Packet Size Statistics table provide channel statistics that are grouped by packet size.

**Table 13** *wlsrChannelPktSizeStatsTable OIDs*

Object	OID	
<a href="#">wlsrChannelPktSizeStatsEntry</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1	wlsrChannelPktSizeStatsTable 1
<a href="#">wlsrChStatsPkts63Bytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.1	wlsrChannelPktSizeStatsEntry 1
<a href="#">wlsrChStatsPkts64To127</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.2	wlsrChannelPktSizeStatsEntry 2
<a href="#">wlsrChStatsPkts128To255</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.3	wlsrChannelPktSizeStatsEntry 3
<a href="#">wlsrChStatsPkts256To511</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.4	wlsrChannelPktSizeStatsEntry 4
<a href="#">wlsrChStatsPkts512To1023</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.5	wlsrChannelPktSizeStatsEntry 5
<a href="#">wlsrChStatsPkts1024To1518</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.4.1.6	wlsrChannelPktSizeStatsEntry 6

### **wlsrChannelPktSizeStatsEntry**

<b>Syntax</b>	wlsrChannelPktSizeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Channel statistics based on the packet sizes.
<b>Index</b>	{ wlsrChStatsChannel }

### **wlsrChStatsPkts63Bytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were less than 64 bytes long.

### **wlsrChStatsPkts64To127**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were between 64 and 127 bytes long.

## wlsrChStatsPkts128To255

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were between 128 and 255 bytes long.

## wlsrChStatsPkts256To511

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were between 256 and 511 bytes long.

## wlsrChStatsPkts512To1023

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were between 512 and 1023 bytes long.

## wlsrChStatsPkts1024To1518

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were between 1024 and 1518 bytes long.

## wlsrStaStatsTable

The objects of the wlsr Station Statistics table provides the aggregated statistics for a station.

**Table 14** *wlsrStaStatsTable OIDs*

Object	Object ID	
<a href="#">wlsrStaStatsEntry</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1	wlsrStaStatsTable 1
<a href="#">wlsrStaAddress</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.1	wlsrStaStatsEntry 1
<a href="#">wlsrStaTxPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.2	wlsrStaStatsEntry 2
<a href="#">wlsrStaTxBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.3	wlsrStaStatsEntry 3

**Table 14** *wlsrStaStatsTable OIDs (Continued)*

Object	Object ID	
wlsrStaRxPkts	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.4	wlsrStaStatsEntry 4
wlsrStaRxBytes	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.5	wlsrStaStatsEntry 5
wlsrStaTxRetryPkts	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.6	wlsrStaStatsEntry 6
wlsrStaRxRetryPkts	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.7	wlsrStaStatsEntry 7
wlsrStaTxFragmentedPkts	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.8	wlsrStaStatsEntry 8
wlsrStaRxFragmentedPkts	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.9	wlsrStaStatsEntry 9
wlsrStaReceiveErrPkts	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.10	wlsrStaStatsEntry 10
wlsrStaTxTotSignal	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.11	wlsrStaStatsEntry 11
wlsrStaTxSignalPkts	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.12	wlsrStaStatsEntry 12
wlsrStaTxCurSignal	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.13	wlsrStaStatsEntry 13
wlsrStaTxHighSignal	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.14	wlsrStaStatsEntry 14
wlsrStaRxTotNoise	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.15	wlsrStaStatsEntry 15
wlsrStaRxNoisePkts	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.16	wlsrStaStatsEntry 16
wlsrStaRxCurrentNoise	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.17	wlsrStaStatsEntry 17
wlsrStaRxHighNoise	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.18	wlsrStaStatsEntry 18
wlsrStaRxLowNoise	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.19	wlsrStaStatsEntry 19
wlsrStaFrameRetryRate	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.20	wlsrStaStatsEntry 20
wlsrStaFrameLowSpeedRate	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.21	wlsrStaStatsEntry 21
wlsrStaFrameNonUnicastRate	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.22	wlsrStaStatsEntry 22
wlsrStaFrameRetryErrorRate	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.23	wlsrStaStatsEntry 23
wlsrStaFrameBandwidthRate	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.24	wlsrStaStatsEntry 24
wlsrStaFrameFragmentationRate	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.25	wlsrStaStatsEntry 25
wlsrStaFrameHighBandwidthRate	1.3.6.1.4.1.14823.2.3.1.1.3.4.1.1.26	wlsrStaStatsEntry 26

**wlsrStaStatsEntry**

<b>Syntax</b>	wlsrStaStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station statistics.
<b>Index</b>	{ wlsrStaAddress}

## **wlsrStaAddress**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The MAC Address of the station connected to this access point.

## **wlsrStaTxPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total packets transmitted to the station.

## **wlsrStaTxBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total bytes transmitted to the station.

## **wlsrStaRxPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total packets received from the station.

## **wlsrStaRxBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total bytes received from the station.

## **wlsrStaTxRetryPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The retry packets transmitted by the station

## **wlsrStaRxRetryPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The retry packets received from the station.

## **wlsrStaTxFragmentedPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The fragmented packets transmitted by the station.

## **wlsrStaRxFragmentedPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The fragmented packets received from the station.

## **wlsrStaReceiveErrPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total error packets received from this station.

## **wlsrStaTxTotSignal**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The attribute indicates the total transmitted signal computed for this station.

## **wlsrStaTxSignalPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total signal packets transmitted by this station.

## **wlsrStaTxCurSignal**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicate the station's current transmit signal strength.

## **wlsrStaTxHighSignal**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicate the station's high transmit signal strength.

## **wlsrStaRxTotNoise**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	Total noise.



## **wlsrStaRxNoisePkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	Received noise.

## **wlsrStaRxCurrentNoise**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	Current noise.

## **wlsrStaRxHighNoise**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	High noise.

## **wlsrStaRxLowNoise**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	Low noise.

## **wlsrStaFrameRetryRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame retry rate in kbps.

## **wlsrStaFrameLowSpeedRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame low speed error rate in kbps.

## **wlsrStaFrameNonUnicastRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame non-unicast rate in kbps.

## **wlsrStaFrameRetryErrorRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame retry error rate in kbps.

## **wlsrStaFrameBandwidthRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame bandwidth rate in kbps.

## **wlsrStaFrameFragmentationRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame fragmentation rate in kbps.

## wlsrStaFrameHighBandwidthRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame high bandwidth rate in kbps.

## wlsrStaRateStatsTable

The objects of the wlsr Station Rate Statistics table provide information on channel packet and byte counts per channel. The information is grouped by data transfer rate.

**Table 15** *wlsrStaRateStatsTable OIDs*

Object	Object ID	
wlsrStaRateStatsEntry	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1	wlsrStaRateStatsTable 1
wlsrStaTxPktsAt1Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.1	wlsrStaRateStatsEntry 1
wlsrStaTxBytesAt1Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.2	wlsrStaRateStatsEntry 2
wlsrStaTxPktsAt2Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.3	wlsrStaRateStatsEntry 3
wlsrStaTxBytesAt2Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.4	wlsrStaRateStatsEntry 4
wlsrStaTxPktsAt5Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.5	wlsrStaRateStatsEntry 5
wlsrStaTxBytesAt5Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.6	wlsrStaRateStatsEntry 6
wlsrStaTxPktsAt11Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.7	wlsrStaRateStatsEntry 7
wlsrStaTxBytesAt11Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.8	wlsrStaRateStatsEntry 8
wlsrStaTxPktsAt6Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.9	wlsrStaRateStatsEntry 9
wlsrStaTxBytesAt6Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.10	wlsrStaRateStatsEntry 10
wlsrStaTxPktsAt12Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.11	wlsrStaRateStatsEntry 11
wlsrStaTxBytesAt12Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.12	wlsrStaRateStatsEntry 12
wlsrStaTxPktsAt18Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.13	wlsrStaRateStatsEntry 13
wlsrStaTxBytesAt18Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.14	wlsrStaRateStatsEntry 14
wlsrStaTxPktsAt24Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.15	wlsrStaRateStatsEntry 15
wlsrStaTxBytesAt24Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.16	wlsrStaRateStatsEntry 16
wlsrStaTxPktsAt36Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.17	wlsrStaRateStatsEntry 17
wlsrStaTxBytesAt36Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.18	wlsrStaRateStatsEntry 18
wlsrStaTxPktsAt48Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.19	wlsrStaRateStatsEntry 19
wlsrStaTxBytesAt48Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.20	wlsrStaRateStatsEntry 20
wlsrStaTxPktsAt54Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.21	wlsrStaRateStatsEntry 21
wlsrStaTxBytesAt54Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.22	wlsrStaRateStatsEntry 22
wlsrStaRxPktsAt1Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.23	wlsrStaRateStatsEntry 23

**Table 15** *wlsrStaRateStatsTable OIDs (Continued)*

Object	Object ID	
wlsrStaRxBytesAt1Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.24	wlsrStaRateStatsEntry 24
wlsrStaRxPktsAt2Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.25	wlsrStaRateStatsEntry 25
wlsrStaRxBytesAt2Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.26	wlsrStaRateStatsEntry 26
wlsrStaRxPktsAt5Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.27	wlsrStaRateStatsEntry 27
wlsrStaRxBytesAt5Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.28	wlsrStaRateStatsEntry 28
wlsrStaRxPktsAt11Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.29	wlsrStaRateStatsEntry 29
wlsrStaRxBytesAt11Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.30	wlsrStaRateStatsEntry 30
wlsrStaRxPktsAt6Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.31	wlsrStaRateStatsEntry 31
wlsrStaRxBytesAt6Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.32	wlsrStaRateStatsEntry 32
wlsrStaRxPktsAt12Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.33	wlsrStaRateStatsEntry 33
wlsrStaRxBytesAt12Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.34	wlsrStaRateStatsEntry 34
wlsrStaRxPktsAt18Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.35	wlsrStaRateStatsEntry 35
wlsrStaRxBytesAt18Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.36	wlsrStaRateStatsEntry 36
wlsrStaRxPktsAt24Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.37	wlsrStaRateStatsEntry 37
wlsrStaRxBytesAt24Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.38	wlsrStaRateStatsEntry 38
wlsrStaRxPktsAt36Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.39	wlsrStaRateStatsEntry 39
wlsrStaRxBytesAt36Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.40	wlsrStaRateStatsEntry 40
wlsrStaRxPktsAt48Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.41	wlsrStaRateStatsEntry 41
wlsrStaRxBytesAt48Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.42	wlsrStaRateStatsEntry 42
wlsrStaRxPktsAt54Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.43	wlsrStaRateStatsEntry 43
wlsrStaRxBytesAt54Mbps	1.3.6.1.4.1.14823.2.3.1.1.3.4.2.1.44	wlsrStaRateStatsEntry 44

**wlsrStaRateStatsEntry**

<b>Syntax</b>	wlsrStaRateStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station rate statistics table.
<b>Index</b>	{ wlsrStaAddress }

### **wlsrStaTxPktsAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 1 Mbps rate.

### **wlsrStaTxBytesAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 1 Mbps rate.

### **wlsrStaTxPktsAt2Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 2 Mbps rate.

### **wlsrStaTxBytesAt2Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 2 Mbps rate.

### **wlsrStaTxPktsAt5Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 5 Mbps rate.

## **wlSrStaTxBytesAt5Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 5 Mbps rate.

## **wlSrStaTxPktsAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 11 Mbps rate.

## **wlSrStaTxBytesAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 11 Mbps rate.

## **wlSrStaTxPktsAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 6 Mbps rate.

## **wlSrStaTxBytesAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 6 Mbps rate.

### **wlsrStaTxPktsAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 12 Mbps rate.

### **wlsrStaTxBytesAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 12 Mbps rate.

### **wlsrStaTxPktsAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 18 Mbps rate.

### **wlsrStaTxBytesAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 18 Mbps rate.

### **wlsrStaTxPktsAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 24 Mbps rate.

## **wlsrStaTxBytesAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 24 Mbps rate.

## **wlsrStaTxPktsAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 36 Mbps rate.

## **wlsrStaTxBytesAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 36 Mbps rate.

## **wlsrStaTxPktsAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 48 Mbps rate.

## **wlsrStaTxBytesAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 48 Mbps rate.



### **wlsrStaTxPktsAt54Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 54 Mbps rate.

### **wlsrStaTxBytesAt54Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 54 Mbps rate.

### **wlsrStaRxPktsAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 1 Mbps rate.

### **wlsrStaRxBytesAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 1 Mbps rate.

### **wlsrStaRxPktsAt2Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 2 Mbps rate.

## **wlsrStaRxBytesAt2Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 2 Mbps rate.

## **wlsrStaRxPktsAt5Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 5 Mbps rate.

## **wlsrStaRxBytesAt5Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 5 Mbps rate.

## **wlsrStaRxPktsAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 11 Mbps rate.

## **wlsrStaRxBytesAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 11 Mbps rate.

### **wlsrStaRxPktsAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 6 Mbps rate.

### **wlsrStaRxBytesAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 6 Mbps rate.

### **wlsrStaRxPktsAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 12 Mbps rate.

### **wlsrStaRxBytesAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 12 Mbps rate.

### **wlsrStaRxPktsAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 18 Mbps rate.

### **wlsrStaRxBytesAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 18 Mbps rate.

### **wlsrStaRxPktsAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 24 Mbps rate.

### **wlsrStaRxBytesAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 24 Mbps rate.

### **wlsrStaRxPktsAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 36 Mbps rate.

### **wlsrStaRxBytesAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 36 Mbps rate.

## wlsrStaRxPktsAt48Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 48 Mbps rate.

## wlsrStaRxBytesAt48Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 48 Mbps rate.

## wlsrStaRxPktsAt54Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 54 Mbps rate.

## wlsrStaRxBytesAt54Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 54 Mbps rate.

## wlsrStaDTypeStatsTable

The objects of the wlsr Station Destination Type Statistics table provide information categorized by address type.

**Table 16** *wlsrStaDTypeStatsTable OIDs*

Object	OIDs	
<a href="#">wlsrStaDTypeStatsEntry</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1	wlsrStaDTypeStatsTable 1
<a href="#">wlsrStaTxDABroadcastPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.1	wlsrStaDTypeStatsEntry 1
<a href="#">wlsrStaTxDABroadcastBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.2	wlsrStaDTypeStatsEntry 2
<a href="#">wlsrStaTxDAMulticastPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.3	wlsrStaDTypeStatsEntry 3

**Table 16** *wlsrStaDATypeStatsTable OIDs (Continued)*

Object	OIDs	
<a href="#">wlsrStaTxDAMulticastBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.4	wlsrStaDATypeStatsEntry 4
<a href="#">wlsrStaTxDAUnicastPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.5	wlsrStaDATypeStatsEntry 5
<a href="#">wlsrStaTxDAUnicastBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.3.1.6	wlsrStaDATypeStatsEntry 6

**wlsrStaDATypeStatsEntry**

<b>Syntax</b>	wlsrStaDATypeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station statistics based on the destination address.
<b>Index</b>	{ wlsrStaAddress}

**wlsrStaTxDABroadcastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast packets transmitted by this station.

**wlsrStaTxDABroadcastBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast bytes transmitted by this station.

**wlsrStaTxDAMulticastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of multicast packets transmitted by this station.

## wlsrStaTxDAMulticastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of multicast bytes transmitted by this station.

## wlsrStaTxDAUnicastPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total of unicast packets transmitted by this station.

## wlsrStaTxDAUnicastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total of unicast bytes transmitted by this station.

## wlsrStaFrameTypeStatsTable

The objects of the wlsr Station Frame Type Statistics table provide information about packet and byte counts per channel. The information is grouped by frame type.

**Table 17** *wlsrStaFrameTypeStatsTable OIDs*

Object	Object ID	
<a href="#">wlsrStaFrameTypeStatsEntry</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1	wlsrStaFrameTypeStatsTable 1
<a href="#">wlsrStaTxMgmtPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.1	wlsrStaFrameTypeStatsEntry 1
<a href="#">wlsrStaTxMgmtBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.2	wlsrStaFrameTypeStatsEntry 2
<a href="#">wlsrStaTxCtrlPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.3	wlsrStaFrameTypeStatsEntry 3
<a href="#">wlsrStaTxCtrlBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.4	wlsrStaFrameTypeStatsEntry 4
<a href="#">wlsrStaTxDataPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.5	wlsrStaFrameTypeStatsEntry 5
<a href="#">wlsrStaTxDataBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.6	wlsrStaFrameTypeStatsEntry 6
<a href="#">wlsrStaRxMgmtPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.7	wlsrStaFrameTypeStatsEntry 7
<a href="#">wlsrStaRxMgmtBytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.8	wlsrStaFrameTypeStatsEntry 8
<a href="#">wlsrStaRxCtrlPkts</a>	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.9	wlsrStaFrameTypeStatsEntry 9

**Table 17** *wlsrStaFrameTypeStatsTable OIDs (Continued)*

Object	Object ID	
wlsrStaRxCtrlBytes	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.10	wlsrStaFrameTypeStatsEntry 10
wlsrStaRxDataPkts	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.11	wlsrStaFrameTypeStatsEntry 11
wlsrStaRxDataBytes	1.3.6.1.4.1.14823.2.3.1.1.3.4.4.1.12	wlsrStaFrameTypeStatsEntry 12

**wlsrStaFrameTypeStatsEntry**

<b>Syntax</b>	wlsrStaFrameTypeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station frame type statistics entry.
<b>Index</b>	{ wlsrStaAddress}

**wlsrStaTxMgmtPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted management packets from a station.

**wlsrStaTxMgmtBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted management bytes from a station.

**wlsrStaTxCtrlPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted control packets from a station.



## **wlsrStaTxCtrlBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted control bytes from a station.

## **wlsrStaTxDataPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted data packets from a station.

## **wlsrStaTxDataBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted data bytes observed on this channel.

## **wlsrStaRxMgmtPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received management packets at a station.

## **wlsrStaRxMgmtBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received management bytes at a station.

## wlsrStaRxCtrlPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received control packets at a station.

## wlsrStaRxCtrlBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received control bytes at a station.

## wlsStaRxDataPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received data packets at a station.

## wlsrStaRxDataBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received data bytes at a station.

## wlsrStaPktSizeStatsTable

The objects of the wlsr Station Packet Size Statistics table provide information about packet and byte counts. The information is grouped by packet size.

**Table 18** *wlsrStaPktSizeStatsTable OIDs*

Object	Object ID	
<a href="#">wlsrStaPktSizeStatsEntry</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1	wlsrStaPktSizeStatsTable 1
<a href="#">wlsrStaTxPkts63Bytes</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.1	wlsrChannelPktSizeStatsEntry 1
<a href="#">wlsrStaTxPkts64To127</a>	1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.2	wlsrChannelPktSizeStatsEntry 2

**Table 18** *wlsrStaPktSizeStatsTable OIDs (Continued)*

Object	Object ID	
wlsrStaTxPkts128To255	1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.3	wlsrChannelPktSizeStatsEntry 3
wlsrStaTxPkts256To511	1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.4	wlsrChannelPktSizeStatsEntry 4
wlsrStaTxPkts512To1023	1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.5	wlsrChannelPktSizeStatsEntry 5
wlsrStaTxPkts1024To1518	1.3.6.1.4.1.14823.2.3.1.1.3.3.5.1.6	wlsrChannelPktSizeStatsEntry 6

**wlsrStaPktSizeStatsEntry**

<b>Syntax</b>	wlsrStaPktSizeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station packet size statistics.
<b>Index</b>	{ wlsrStaAddress }

**wlsrStaTxPkts63Bytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were less than 64 bytes long.

**wlsrStaTxPkts64To127**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were between 64 and 127 bytes long.

**wlsrStaTxPkts128To255**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were between 128 and 255 bytes long.

## **wlSrStaTxPkts256To511**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were between 256 and 511 bytes long.

## **wlSrStaTxPkts512To1023**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were between 512 and 1023 bytes long.

## **wlSrStaTxPkts1024To1518**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were between 1024 and 1518 bytes long.

## **wlSrStaRxPkts63Bytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were less than 64 bytes long.

## **wlSrStaRxPkts64To127**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were between 64 and 127 bytes long.

## wlsrStaRxPkts128To255

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were between 128 and 255 bytes long.

## wlsrStaRxPkts256To511

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were between 256 and 511 bytes long.

## wlsrStaRxPkts512To1023

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were between 512 and 1023 bytes long.

## wlsrStaRxPkts1024To1518

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were between 1024 and 1518 bytes long.

## wlsrAirMonitorApListTable

The objects of the wlsr Air Monitor Access Point List table list all the access points that the air monitor is monitoring. On an access point, this table contains itself.

**Table 19** *wlsrAirMonitorApListTable OIDs*

Object	Object ID	
<a href="#">wlsrAirMonitorApListEntry</a>	1.3.6.1.4.1.14823.2.3.1.1.4.1.1	wlsrAirMonitorApListTable 1
<a href="#">wlsrAmApBSSID</a>	1.3.6.1.4.1.14823.2.3.1.1.4.1.1.1	wlsrAirMonitorApListEntry 1
<a href="#">wlsrAmSSID</a>	1.3.6.1.4.1.14823.2.3.1.1.4.1.1.2	wlsrAirMonitorApListEntry 2

**Table 19** *wlsrAirMonitorApListTable OIDs (Continued)*

Object	Object ID	
wlsrAmChannel	1.3.6.1.4.1.14823.2.3.1.1.4.1.1.3	wlsrAirMonitorApListEntry 3
wlsrAmPhysicalType	1.3.6.1.4.1.14823.2.3.1.1.4.1.1.4	wlsrAirMonitorApListEntry 4
wlsrAmAccessPointType	1.3.6.1.4.1.14823.2.3.1.1.4.1.1.5	wlsrAirMonitorApListEntry 5
wlsrAmRAPType	1.3.6.1.4.1.14823.2.3.1.1.4.1.1.6	wlsrAirMonitorApListEntry 6
wlsrAmRSSI	1.3.6.1.4.1.14823.2.3.1.1.4.1.1.7	wlsrAirMonitorApListEntry 7
wlsrAmMonitoredTime	1.3.6.1.4.1.14823.2.3.1.1.4.1.1.8	wlsrAirMonitorApListEntry 8
wlsrAmInactivityTime	1.3.6.1.4.1.14823.2.3.1.1.4.1.1.9	wlsrAirMonitorApListEntry 9
wlsrAmLoadBalancing	1.3.6.1.4.1.14823.2.3.1.1.4.1.1.10	wlsrAirMonitorApListEntry 10

**wlsrAirMonitorApListEntry**

<b>Syntax</b>	wlsrAirMonitorApListEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Ap List Entry.
<b>Index</b>	{ wlsrAmApBSSID}

**wlsrAmApBSSID**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	BSSID of the access point.

**wlsrAmSSID**

<b>Syntax</b>	DisplayString(Size(0..62))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The SSID of the access point.

## wlsrAmChannel

<b>Syntax</b>	Integer(1..165)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The channel on which this access point is operating.

## wlsrAmPhysicalType

<b>Syntax</b>	Integer dot11b(1) dot11a(2) dot11g(3)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The physical layer type.

## wlsrAmAccessPointType

<b>Syntax</b>	Integer genericAp(1) softAp(2) ciscoAp(3)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The type of access point.

## wlsrAmRAPType

<b>Syntax</b>	Integer valid(1) interfering(2) unsecure(3) dos(4) unknown(5)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The type of the access point.

## wlsrAmRSSI

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The access point receiver signal strength.

## wlsrAmMonitoredTime

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time in ticks since the air monitor is observing this access point.

## wlsrAmInactivityTime

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Access point inactivity time.

## wlsrAmLoadBalancing

<b>Syntax</b>	Integer enable(1) disable(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The attributes indicates whether load balancing is enabled for this access point.

## wlsrTrapObjectsGroup

The objects of the wlsr Trap Objects group provide information about traps generated by access points. The objects of this group do not support the commands *GET* or *SET*.

**Table 20** *wlsrTrapsGroup OIDs*

Object	Object ID	
wlsrTargetApBSSID	1.3.6.1.4.1.14823.2.3.1.1.100.100.1	wlsrTrapObjectsGroup 1
wlsrTargetApSSID	1.3.6.1.4.1.14823.2.3.1.1.100.100.2	wlsrTrapObjectsGroup 2



**Table 20** *wlsrTrapsGroup OIDs (Continued)*

Object	Object ID	
wlsrTargetApChannel	1.3.6.1.4.1.14823.2.3.1.1.100.100.3	wlsrTrapObjectsGroup 3
wlsrSourceMac	1.3.6.1.4.1.14823.2.3.1.1.100.100.4	wlsrTrapObjectsGroup 4
wlsrNodeMac	1.3.6.1.4.1.14823.2.3.1.1.100.100.5	wlsrTrapObjectsGroup 5
wlsrFrameType	1.3.6.1.4.1.14823.2.3.1.1.100.100.6	wlsrTrapObjectsGroup 6
wlsrAddressType	1.3.6.1.4.1.14823.2.3.1.1.100.100.7	wlsrTrapObjectsGroup 7
wlsrSignatureName	1.3.6.1.4.1.14823.2.3.1.1.100.100.8	wlsrTrapObjectsGroup 8
wlsrMatchedMac	1.3.6.1.4.1.14823.2.3.1.1.100.100.9	wlsrTrapObjectsGroup 9
wlsrMatchedIp	1.3.6.1.4.1.14823.2.3.1.1.100.100.10	wlsrTrapObjectsGroup 10
wlsrReceiverMac	1.3.6.1.4.1.14823.2.3.1.1.100.100.11	wlsrTrapObjectsGroup 11
wlsrTransmitterMac	1.3.6.1.4.1.14823.2.3.1.1.100.100.12	wlsrTrapObjectsGroup 12
wlsrRSSI	1.3.6.1.4.1.14823.2.3.1.1.100.100.13	wlsrTrapObjectsGroup 13
wlsrRogueInfoURL	1.3.6.1.4.1.14823.2.3.1.1.100.100.14	wlsrTrapObjectsGroup 14
wlsrInterferingAPIInfoURL	1.3.6.1.4.1.14823.2.3.1.1.100.100.15	wlsrTrapObjectsGroup 15

**wlsrTargetApBSSID****Syntax** MacAddress**Max-Access** read-only**Status** current**Description** This object is used in the traps to indicate the BSSID of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate AP. If an Access Point is sending the trap, it will point to itself.**wlsrTargetApSSID****Syntax** DisplayString(Size(0..64))**Max-Access** read-only**Status** current**Description** This object is used in the traps to indicate the SSID of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate AP. If an Access Point is sending the trap it will point to itself.

## wlsrTargetApChannel

<b>Syntax</b>	Integer(1..165)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the channel of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate access point. If an access point is sending the trap, it will point to itself.

## wlsrSourceMac

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the MAC address of the source.

## wlsrNodeMac

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the MAC address of a node.

## wlsrFrameType

<b>Syntax</b>	Integer associateRequest(1) associateResponse(2) reassociateRequest(3) reassociateResponse(4) probeRequest(5) probeResponse(6) beacon(9) atim(10) disassociate(11) auth(12) deauth(13)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the frame type.

## **wlsrAddressType**

<b>Syntax</b>	Integer srcAddress(1) dstAddress(2) bssid(3)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the address type.

## **wlsrSignatureName**

<b>Syntax</b>	Octet String (Size (0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the signature name.

## **wlsrMatchedMac**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the MAC address.

## **wlsrMatchedIp**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the IP Address.

## **wlsrReceiverMac**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the MAC address of the receiver.

## wlsrTransmitterMac

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the MAC address of the transmitter.

## wlsrRSSI

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the signal strength indicator.

## wlsrRogueInfoURL

<b>Syntax</b>	DisplayString(Size(0..256))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used to point to the WEBGUI rogue access point information URL.

## wlsrInterferingAPInfoURL

<b>Syntax</b>	DisplayString(Size(0..256))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used to point to the WEBGUI rogue interfering access point information URL.

## wlsrTrapsGroup

The wlsr Traps group is type notification.

**Table 21** *wlsrTrapsGroup OIDs*

Object	Object ID	
<a href="#">wlsrUnsecureApDetected</a>	1.3.6.1.4.1.14823.2.3.1.1.100.1001	wlsrTrapsGroup 1001
<a href="#">wlsrStalImpersonation</a>	1.3.6.1.4.1.14823.2.3.1.1.100.1002	wlsrTrapsGroup 1002
<a href="#">wlsrReservedChannelViolation</a>	1.3.6.1.4.1.14823.2.3.1.1.100.1003	wlsrTrapsGroup 1003
<a href="#">wlsrValidSSIDViolation</a>	1.3.6.1.4.1.14823.2.3.1.1.100.1004	wlsrTrapsGroup 1004

**Table 21** *wlsrTrapsGroup OIDs (Continued)*

Object	Object ID	
wlsrChannelMisconfiguration	1.3.6.1.4.1.14823.2.3.1.1.100.1005	wlsrTrapsGroup 1005
wlsrOUIMisconfiguration	1.3.6.1.4.1.14823.2.3.1.1.100.1006	wlsrTrapsGroup 1006
wlsrSSIDMisconfiguration	1.3.6.1.4.1.14823.2.3.1.1.100.1007	wlsrTrapsGroup 1007
wlsrShortPreableMisconfiguration	1.3.6.1.4.1.14823.2.3.1.1.100.1008	wlsrTrapsGroup 1008
wlsrWPAMisconfiguration	1.3.6.1.4.1.14823.2.3.1.1.100.1009	wlsrTrapsGroup 1009
wlsrAdhocNetworkDetected	1.3.6.1.4.1.14823.2.3.1.1.100.1010	wlsrTrapsGroup 1010
wlsrStaPolicyViolation	1.3.6.1.4.1.14823.2.3.1.1.100.1011	wlsrTrapsGroup 1011
wlsrRepeatWEPIVViolation	1.3.6.1.4.1.14823.2.3.1.1.100.1012	wlsrTrapsGroup 1012
wlsrWeakWEPIVViolation	1.3.6.1.4.1.14823.2.3.1.1.100.1013	wlsrTrapsGroup 1013
wlsrChannelInterferenceDetected	1.3.6.1.4.1.14823.2.3.1.1.100.1014	wlsrTrapsGroup 1014
wlsrAPIInterferenceDetected	1.3.6.1.4.1.14823.2.3.1.1.100.1015	wlsrTrapsGroup 1015
wlsrStaInterferenceDetected	1.3.6.1.4.1.14823.2.3.1.1.100.1016	wlsrTrapsGroup 1016
wlsrFrameRetryRateExceeded	1.3.6.1.4.1.14823.2.3.1.1.100.1017	wlsrTrapsGroup 1017
wlsrFrameReceiveErrorRateExceeded	1.3.6.1.4.1.14823.2.3.1.1.100.1018	wlsrTrapsGroup 1018
wlsrFrameFragmentationRateExceeded	1.3.6.1.4.1.14823.2.3.1.1.100.1019	wlsrTrapsGroup 1019
wlsrFrameBandWidthRateExceeded	1.3.6.1.4.1.14823.2.3.1.1.100.1020	wlsrTrapsGroup 1020
wlsrFrameLowSpeedRateExceeded	1.3.6.1.4.1.14823.2.3.1.1.100.1021	wlsrTrapsGroup 1021
wlsrFrameNonUnicastRateExceeded	1.3.6.1.4.1.14823.2.3.1.1.100.1022	wlsrTrapsGroup 1022
wlsrLoadbalancingEnabled	1.3.6.1.4.1.14823.2.3.1.1.100.1023	wlsrTrapsGroup 1023
wlsrChannelFrameRetryRateExceeded	1.3.6.1.4.1.14823.2.3.1.1.100.1024	wlsrTrapsGroup 1024
wlsrChannelFrameFragmentationRateExceeded	1.3.6.1.4.1.14823.2.3.1.1.100.1025	wlsrTrapsGroup 1025
wlsrChannelFrameErrorRateExceeded	1.3.6.1.4.1.14823.2.3.1.1.100.1026	wlsrTrapsGroup 1026
wlsrSignatureMatch	1.3.6.1.4.1.14823.2.3.1.1.100.1027	wlsrTrapsGroup 1027
wlsrChannelRateAnomaly	1.3.6.1.4.1.14823.2.3.1.1.100.1028	wlsrTrapsGroup 1028
wlsrNodeRateAnomaly	1.3.6.1.4.1.14823.2.3.1.1.100.1029	wlsrTrapsGroup 1029
wlsrEAPRateAnomaly	1.3.6.1.4.1.14823.2.3.1.1.100.1030	wlsrTrapsGroup 1030
wlsrSignalAnomaly	1.3.6.1.4.1.14823.2.3.1.1.100.1031	wlsrTrapsGroup 1031
wlsrSequenceNumberAnomaly	1.3.6.1.4.1.14823.2.3.1.1.100.1032	wlsrTrapsGroup 1032
wlsrDisconnectStationAttack	1.3.6.1.4.1.14823.2.3.1.1.100.1033	wlsrTrapsGroup 1033
wlsrApFloodAttack	1.3.6.1.4.1.14823.2.3.1.1.100.1034	wlsrTrapsGroup 1034
wlsrAdhocNetwork	1.3.6.1.4.1.14823.2.3.1.1.100.1035	wlsrTrapsGroup 1035
wlsrWirelessBridge	1.3.6.1.4.1.14823.2.3.1.1.100.1036	wlsrTrapsGroup 1036
wlsrInvalidMacOUI	1.3.6.1.4.1.14823.2.3.1.1.100.1037	wlsrTrapsGroup 1037
wlsrLoadbalancingDisabled	1.3.6.1.4.1.14823.2.3.1.1.100.1038	wlsrTrapsGroup 1038

**Table 21** *wlsrTrapsGroup OIDs (Continued)*

Object	Object ID	
<a href="#">wlsrWEPMisconfiguration</a>	1.3.6.1.4.1.14823.2.3.1.1.100.1039	wlsrTrapsGroup 1039
<a href="#">wlsrStaRepeatWEPIVViolation</a>	1.3.6.1.4.1.14823.2.3.1.1.100.1040	wlsrTrapsGroup 1040
<a href="#">wlsrStaWeakWEPIVViolation</a>	1.3.6.1.4.1.14823.2.3.1.1.100.1041	wlsrTrapsGroup 1041
<a href="#">wlsrStaAssociatedToUnsecureAp</a>	1.3.6.1.4.1.14823.2.3.1.1.100.1042	wlsrTrapsGroup 1042
<a href="#">wlsrAdhocNetworkBridgeDetected</a>	1.3.6.1.4.1.14823.2.3.1.1.100.1043	wlsrTrapsGroup 1043
<a href="#">wlsrInterferingApDetected</a>	1.3.6.1.4.1.14823.2.3.1.1.100.1044	wlsrTrapsGroup 1044

### **wlsrUnsecureApDetected**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel, wlsrMatchedMac, wlsrMatchedIp, wlsrRogueInfoURL}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an unsecure access point is detected by an air monitor located at wlsrLocation on channel <a href="#">wlsrCurrentChannel</a> . The AP is declared unsecure, because we matched it to the wlsrMatchedMac/wlsrMatchedIp.

### **wlsrStalmpersonation**

<b>Objects</b>	{wlsrNodeMac, wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM at location wlsrLocation detected a station impersonation.

### **wlsrReservedChannelViolation**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an Access Point is detected by an AP at location wlsrLocation, which violates the Reserved Channel configuration.

### **wlsrValidSSIDViolation**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an Access Point violating Valid SSID is detected by an AP at wlsrLocation.

## **wlsrChannelMisconfiguration**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an Access Point has a bad channel configuration.

## **wlsrOUIMisconfiguration**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an Access Point has a bad OUI configuration.

## **wlsrSSIDMisconfiguration**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an Access Point has a bad SSID configuration.

## **wlsrShortPreambleMisconfiguration**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an Access Point has a bad short preamble configuration.

## **wlsrWPAMisconfiguration**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an Access Point has bad WPA configuration.

## **wlsrAdhocNetworkDetected**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM has detected an ad hoc network.

## **wlsrStaPolicyViolation**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrNodeMac, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that a Valid Station policy is violated.

## **wlsrRepeatWEPIVViolation**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM detected a Repeat WEP-IV violation.

## **wlsrWeakWEPIVViolation**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM detected a Weak WEP-IV violation.

## **wlsrChannelInterferenceDetected**

<b>Objects</b>	{wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation has detected a channel interference on wlsrCurrentChannel.

## **wlsrAPInterferenceDetected**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation has detected an AP interference on wlsrCurrentChannel.

## **wlsrStaInterferenceDetected**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrNodeMac, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation has detected a station interference on wlsrCurrentChannel.



## wlsrFrameRetryRateExceeded

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation is reporting that an AP wlsrTargetApBSSID has exceeded an upper threshold for frame retry rate for AP wlsrTargetApBSSID.

## wlsrFrameReceiveErrorRateExceeded

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrTargetApChannel, wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation is reporting that an AP wlsrTargetApBSSID has exceeded an upper threshold for Frame Receive Error Rate for AP wlsrTargetApBSSID.

## wlsrFrameFragmentationRateExceeded

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrTargetApChannel, wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation is reporting that an AP wlsrTargetApBSSID has exceeded an upper threshold for Frame Fragmentation Rate for AP wlsrTargetApBSSID.

## wlsrFrameBandWidthRateExceeded

<b>Objects</b>	{wlsrNodeMac, wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation is reporting that a station wlsrStaAddress has exceeded the allocated bandwidth rate.

## wlsrFrameLowSpeedRateExceeded

<b>Objects</b>	{wlsrNodeMac, wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation is reporting that a station wlsrStaAddress has exceeded the low speed rate.

## wlsrFrameNonUnicastRateExceeded

<b>Objects</b>	{wlsrNodeMac, wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation is reporting that a station wlsrStaAddress has exceeded the non-unicast traffic rate.

## wlsrLoadbalancingEnabled

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation is reporting that an AP with BSSID wlsrTargetApBSSID has enabled load balancing.

## wlsrChannelFrameRetryRateExceeded

<b>Objects</b>	{wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation is reporting that it exceeded an upper threshold for frame retry rate.

## wlsrChannelFrameFragmentationRateExceeded

<b>Objects</b>	{wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation is reporting that it exceeded an upper threshold for frame fragmentation rate.

## wlsrChannelFrameErrorRateExceeded

<b>Objects</b>	{wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation is reporting that it exceeded an upper threshold for frame error rate.

## wlsrSignatureMatch

<b>Objects</b>	{wlsrSignatureName, wlsrSourceMac, wlsrRSSI, wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap indicates that a signature match was detected.

## wlsrChannelRateAnomaly

<b>Objects</b>	{wlsrFrameType, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM at wlsrLocation detected frames of type <a href="#">wlsrFrameType</a> on wlsrCurrentChannel which exceeds the configured IDS rate threshold.

## wlsrNodeRateAnomaly

<b>Objects</b>	{wlsrFrameType, wlsrNodeMac, wlsrRSSI, wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM at wlsrLocation detected frames of type <a href="#">wlsrFrameType</a> transmitted by node <a href="#">wlsrNodeMac</a> which exceeds the configured IDS rate threshold.

## wlsrEAPRateAnomaly

<b>Objects</b>	{wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that the number of EAP Handshake packets received by an AP/AM at wlsrLocation exceeds the configured IDS EAP Handshake rate.

## wlsrSignalAnomaly

<b>Objects</b>	{wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM at wlsrLocation detected a signal anomaly on wlsrCurrentChannel.

## wlsrSequenceNumberAnomaly

<b>Objects</b>	{wlsrSourceMac, wlsrRSSI, wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM at wlsrLocation received packets which exceeds the acceptable sequence number difference. The acceptable sequence number difference is an IDS Configuration object.

## wlsrDisconnectStationAttack

<b>Objects</b>	{wlsrFrameType, wlsrSourceMac, wlsrRSSI, wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM detected a station disconnect attack.

## wlsrApFloodAttack

<b>Objects</b>	{wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap is triggered when the number of spurious AP's detected by an AP/AM at wlsrLocation exceeds the configured IDS threshold.

## wlsrAdhocNetwork

<b>Objects</b>	{wlsrSourceMac, wlsrTargetApBSSID, wlsrTargetApSSID, wlsrRSSI, wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM at wlsrLocation detected an ad hoc network. Node wlsrSourceMac is connected to an ad hoc AP wlsrTargetAApBSSID with wlsrTargetApSSID.

## wlsrWirelessBridge

<b>Objects</b>	{wlsrTransmitterMac, wlsrReceiverMac, wlsrRSSI, wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM at wlsrLocation detected a Wireless Bridge. The detected bridge is between wlsrSourceMac and wlsrReceiverMac.

## wlsrInvalidMacOUI

<b>Objects</b>	{wlsrAddressType, wlsrNodeMac, wlsrRSSI, wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM at wlsrLocation detected an invalid MAC OUI in transmission from the node wlsrNodeMac. The invalid MAC is the <wlsrAddressType>.

## wlsrLoadbalancingDisabled

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrTargetApChannel, wlsrLocation}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM/AP located at wlsrLocation is reporting that an AP with BSSID wlsrTargetApBSSID has disabled load balancing.

## wlsrWEPMisconfiguration

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an Access Point has a bad WEP configuration.

## **wlsrStaRepeatWEPIVViolation**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrNodeMac, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM detected a repeat WEP-IV violation for a station.

## **wlsrStaWeakWEPIVViolation**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrNodeMac, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM detected a weak WEP-IV violation for a station.

## **wlsrStaAssociatedToUnsecureAp**

<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel, wlsrNodeMac, wlsrRogueInfoURL}
<b>Status</b>	current
<b>Description</b>	This trap indicates that a station with wlsrNodeMac associated with an Unsecure Access Point wlsrTargetApBSSID. This is detected by an air monitor located at wlsrLocation on channel wlsrCurrentChannel.

## **wlsrAdhocNetworkBridgeDetected**

<b>Objects</b>	{wlsrSourceMac, wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM has detected an ad hoc network that is bridging to a wired network.

## **wlsrInterferingApDetected**

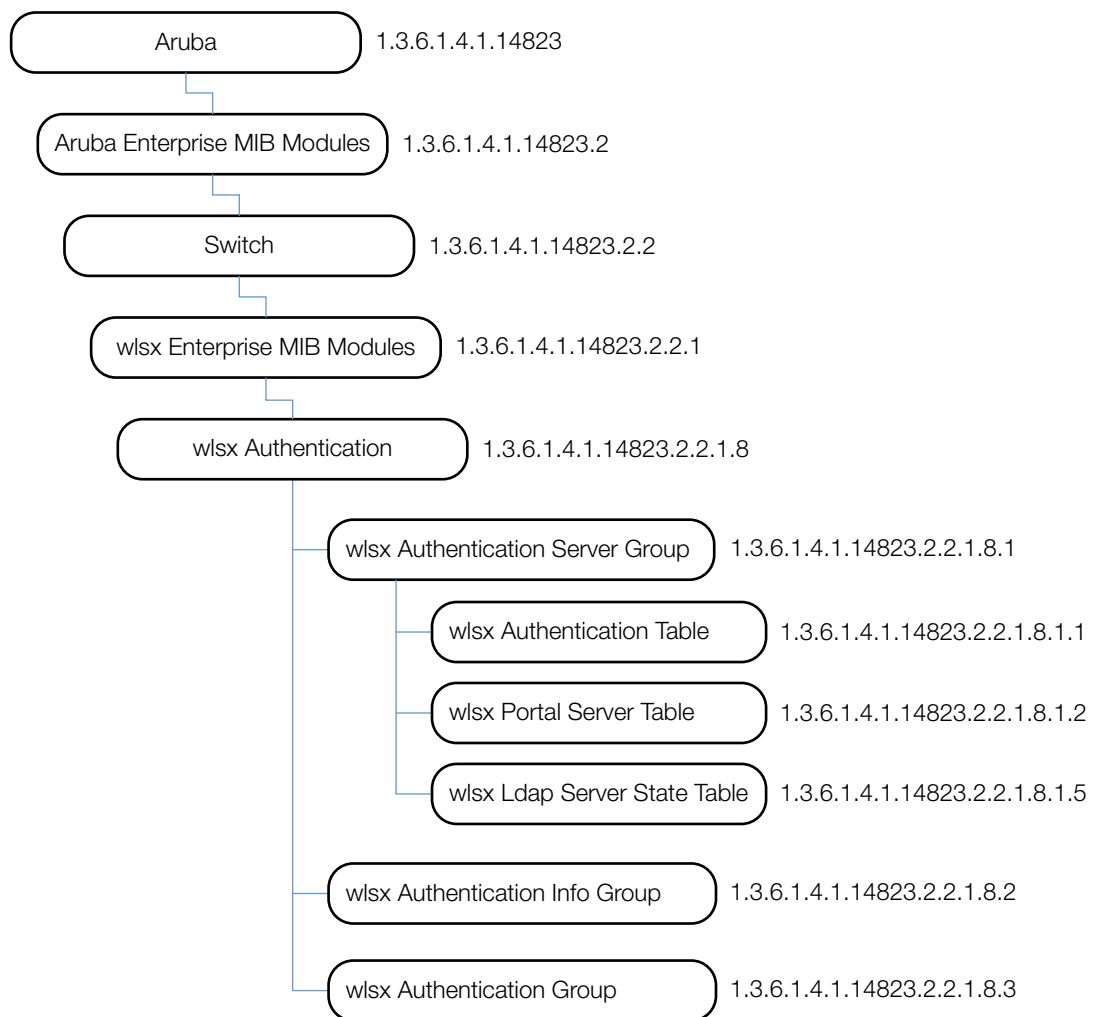
<b>Objects</b>	{wlsrTargetApBSSID, wlsrTargetApSSID, wlsrLocation, wlsrCurrentChannel, wlsrInterferingAPIInfoURL}
<b>Status</b>	current
<b>Description</b>	This trap indicates that an Interfering Access Point is detected by an air monitor located at wlsrLocation on channel wlsrCurrentChannel.



The Authentication module provides information about the authentication server, as well as entities that are attempting to access the network. Authentication is used to verify the entity that is communicating to a device.

Figure 6 shows the architecture of the Auth MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Authentication MIBs are listed in the file *aruba-auth.mib*. For information about downloading Dell MIB files, see “[Downloading MIB Files](#)” on page 23.

**Figure 6** Authorization Hierarchy



The Authentication MIB consists of several tables, which are listed and summarized in [Table 22](#). The objects of each table are described in the following sections.

**Table 22** *Authentication MIB Tables*

Group	Description
<a href="#">wlsxAuthenticationServerTable</a>	Contains the users (both wired and wireless) currently connected to the controller. Users are identified by their IP addresses.
<a href="#">wlsxPortalServerTable</a>	Contains the configured captive portal servers.
<a href="#">wlsxLdapServerStateTable</a>	Contains the LDAP server state.

## wlsxAuthenticationServerTable

The objects of the wlsx Authentication Server table provide information about the authentication servers in the controller.

**Table 23** *wlsxAuthenticationServerTable OIDs*

Object	Object ID	
<a href="#">wlsxAuthenticationServerEntry</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1	wlsxAuthenticationServerTable 1
<a href="#">authServerName</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.1	wlsxAuthenticationServerEntry 1
<a href="#">authServerType</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.2	wlsxAuthenticationServerEntry 2
<a href="#">authServerAddress</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.3	wlsxAuthenticationServerEntry 3
<a href="#">authServerPort</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.4	wlsxAuthenticationServerEntry 4
<a href="#">authServerRetryCount</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.5	wlsxAuthenticationServerEntry 5
<a href="#">authServerTimeOutValue</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.6	wlsxAuthenticationServerEntry 6
<a href="#">authServerState</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.7	wlsxAuthenticationServerEntry 7
<a href="#">authServerInservice</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.8	wlsxAuthenticationServerEntry 8
<a href="#">authServerUsageCount</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.9	wlsxAuthenticationServerEntry 9
<a href="#">authServerSuccessfullAuths</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.10	wlsxAuthenticationServerEntry 10
<a href="#">authServerFailedAuths</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.11	wlsxAuthenticationServerEntry 11
<a href="#">authServerTimeouts</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.12	wlsxAuthenticationServerEntry 12
<a href="#">authServerAvgResponseTime</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.13	wlsxAuthenticationServerEntry 13
<a href="#">authServerOutStandingRequests</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.14	wlsxAuthenticationServerEntry 14
<a href="#">authServerUptime</a>	1.3.6.1.4.1.14823.2.2.1.8.1.1.1.15	wlsxAuthenticationServerEntry 15



## **wlsxAuthenticationServerEntry**

<b>Syntax</b>	wlsxAuthenticationServerEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Server entry.
<b>Index</b>	{ authServerName }

## **authServerName**

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The name of the authentication server.

## **authServerType**

<b>Syntax</b>	ArubaAuthServerType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The type of the authentication server.

## **authServerAddress**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	The IP address of the authentication server.

## **authServerPort**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	The transport layer port of the authentication server.

## **authServerRetryCount**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	The configured retry count.

## **authServerTimeoutValue**

<b>Syntax</b>	integer32
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	The configured timeout value.

## **authServerState**

<b>Syntax</b>	ArubaEnableValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The state of the authentication server.

## **authServerInservice**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	An indication of whether or not the authentication server is in service.

## **authServerUsageCount**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of times this server was queried.

## **authServerSuccessfulAuths**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of times this server responded with success.

## **authServerFailedAuths**

<b>Syntax</b>	Counter32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of times this server responded with failure.

### **authServerTimeouts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of times this communication with this server timed out.

### **authServerAvgResponseTime**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The average response time of the server in milliseconds.

### **authServerOutStandingRequests**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of requests currently outstanding to this server.

### **authServerUptime**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The time since the server went into service with the controller.

## **wlsxPortalServerTable**

The objects of the wlsx Portal Server table provide information about configured captive portal servers.

**Table 24** *wlsxPortalServerTable OIDs*

Object	Object ID	
wlsxPortalServerEntry	1.3.6.1.4.1.14823.2.2.1.8.1.2.1	wlsxPortalServerTable 1
portalServerIndex	1.3.6.1.4.1.14823.2.2.1.8.1.2.1.1	wlsxPortalServerEntry 1
portalServerHost	1.3.6.1.4.1.14823.2.2.1.8.1.2.1.2	wlsxPortalServerEntry 2
portalServerPort	1.3.6.1.4.1.14823.2.2.1.8.1.2.1.3	wlsxPortalServerEntry 3
portalServerPage	1.3.6.1.4.1.14823.2.2.1.8.1.2.1.4	wlsxPortalServerEntry 4
portalServerProtocol	1.3.6.1.4.1.14823.2.2.1.8.1.2.1.5	wlsxPortalServerEntry 5

## wlsxPortalServerEntry

<b>Syntax</b>	wlsxPortalServerEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Portal Server Entry
<b>Index</b>	{ portalServerIndex }

## portalServerIndex

<b>Syntax</b>	DisplayString(SIZE(0..256))
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Portal server index.

## portalServerHost

<b>Syntax</b>	DisplayString(SIZE(0..256))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The IP address of the portal server.

## portalServerPort

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transport layer port of the portal server.

## portalServerPage

<b>Syntax</b>	DisplayString(SIZE(0..256))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The portal server URL.

## portalServerProtocol

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The portal server protocol (e.g., HTTP or HTTPS).

## wlsxLdapServerStateTable

The objects of the wlsx Ldap Server State table provide information about the state of the LDAP server.

**Table 25** *wlsxLdapServerStateTable*

Object	Object ID	
<a href="#">wlsxLdapServerStateEntry</a>	1.3.6.1.4.1.14823.2.2.1.8.1.5.1	wlsxLdapServerStateTable 1
<a href="#">ldapInitDone</a>	1.3.6.1.4.1.14823.2.2.1.8.1.5.1.1	wlsxLdapServerStateEntry 1
<a href="#">ldapAdminBound</a>	1.3.6.1.4.1.14823.2.2.1.8.1.5.1.2	wlsxLdapServerStateEntry 2
<a href="#">ldapReBindCount</a>	1.3.6.1.4.1.14823.2.2.1.8.1.5.1.3	wlsxLdapServerStateEntry 3

## wlsxLdapServerStateEntry

<b>Syntax</b>	wlsxLdapServerStateEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	LDAP Server Entry.
<b>Index</b>	{ authServerName }

## IdapInitDone

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether the controller is initialized with the server.

## IdapAdminBound

<b>Syntax</b>	Integer no(1) yes(2) inProgress(3)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether the controller is bound to the server.

## IdapReBindCount

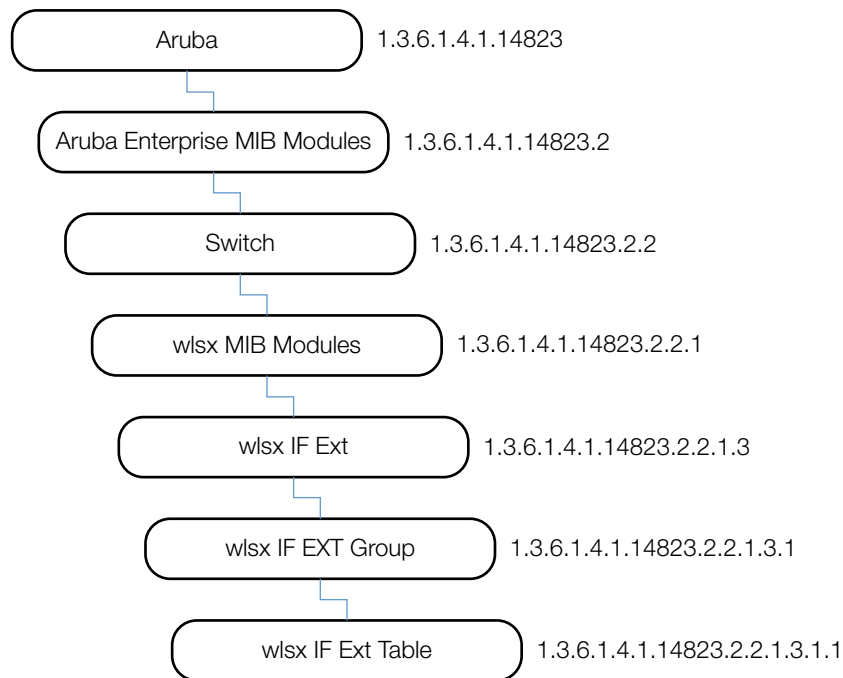
<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of times that the controller is rebound with the server.



The External Services Interface (ESI) module provides information about the Wireless Management System (WMS) in the Dell controller. ESI is used for redirecting traffic to a virus scanner, context filter, or other third party network appliances.

Figure 7 shows the architecture of the ESI MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The ESI MIBs are listed in the file *aruba-esi.my*. For information about downloading Dell MIB files, see “[Downloading MIB Files](#)” on page 23.

**Figure 7** ESI Hierarchy



This MIB module defines MIB objects which provide information about the Wireless Management System (WMS) in the Dell controller. The ESI MIB consists of the following table.

**Table 26** ESI MIB Tables

Table	Description
<a href="#">wlsxESIServerTable</a>	This table lists all ESI servers that are configured on the controller.

## wlsxESIServerTable

The objects of the wlsx ESI Server table provide information of the ESI servers that are configured on the controller.

**Table 27** *wlsxESIServerTable OIDs*

Object	Object ID	
wlsxESIServerEntry	1.3.6.1.4.1.14823.2.2.1.10.1.1.1	wlsxESIServerTable 1
esiServerName	1.3.6.1.4.1.14823.2.2.1.10.1.1.1.1	wlsxESIServerEntry 1
esiServerGroup	1.3.6.1.4.1.14823.2.2.1.10.1.1.1.2	wlsxESIServerEntry 2
esiServerMode	1.3.6.1.4.1.14823.2.2.1.10.1.1.1.3	wlsxESIServerEntry 3
esiServerTrustedIP	1.3.6.1.4.1.14823.2.2.1.10.1.1.1.4	wlsxESIServerEntry 4
esiServerUntrustedIP	1.3.6.1.4.1.14823.2.2.1.10.1.1.1.5	wlsxESIServerEntry 5
esiServerTrustedSlot	1.3.6.1.4.1.14823.2.2.1.10.1.1.1.6	wlsxESIServerEntry 6
esiServerTrustedPort	1.3.6.1.4.1.14823.2.2.1.10.1.1.1.7	wlsxESIServerEntry 7
esiServerUntrustedSlot	1.3.6.1.4.1.14823.2.2.1.10.1.1.1.8	wlsxESIServerEntry 8
esiServerUntrustedPort	1.3.6.1.4.1.14823.2.2.1.10.1.1.1.9	wlsxESIServerEntry 9
esiServerStatus	1.3.6.1.4.1.14823.2.2.1.10.1.1.1.10	wlsxESIServerEntry 10

### wlsxESIServerEntry

<b>Syntax</b>	wlsxESIServerEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	ESI Server Entry.
<b>Index</b>	esiServerName

### esiServerName

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The name of the ESI Server.

### esiServerGroup

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The name of the ESI server group to which this server belongs.

## **esiServerMode**

<b>Syntax</b>	ArubaESIServerMode
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The mode of this server.

## **esiServerTrustedIP**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The trusted IP address of this server, or 0.0.0.0 if it is not set.

## **esiServerUntrustedIP**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The untrusted IP address of this server, or 0.0.0.0 if it is not set.

## **esiServerTrustedSlot**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The slot number of the trusted interface for this server.

## **esiServerTrustedPort**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The port number of the trusted interface for this server.

## **esiServerUntrustedSlot**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The slot number of the untrusted interface for this server.

## **esiServerUntrustedPort**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The port number of the untrusted interface for this server.

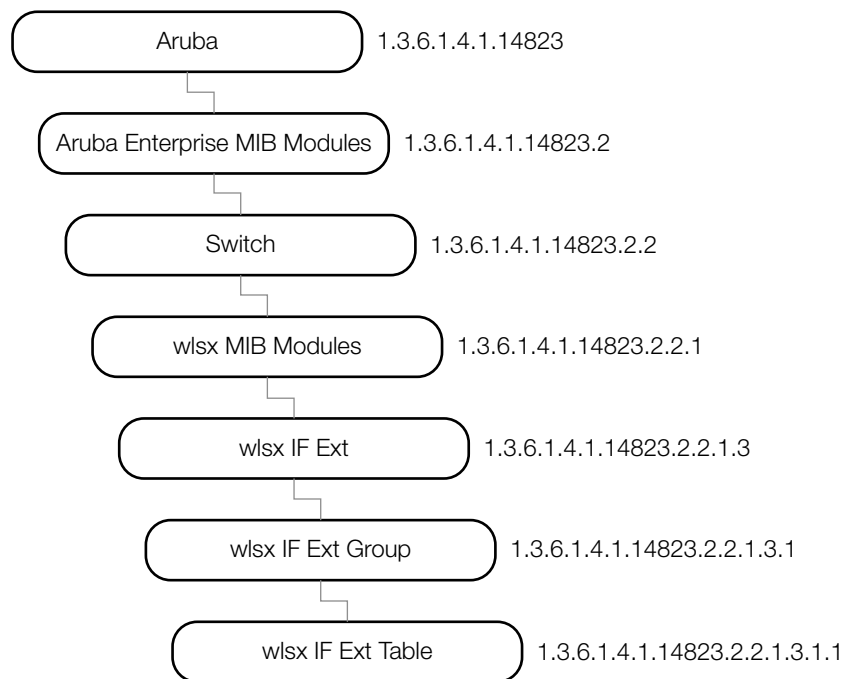
## **esiServerStatus**

<b>Syntax</b>	ArubaESIServerStatus
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates the status of this ESI server.

IF External (IF EXT) MIB objects provide system-level information about the Dell controller—physical ports, configured VLANs, the port memberships, and the interfaces that define the VLANs.

Figure 8 shows the architecture of the IF EXT MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The IF External MIBs are listed in the file *aruba-ifext.my*. For information about downloading Aruba MIB files, see “[Downloading MIB Files](#)” on page 23.

**Figure 8** IF EXT Hierarchy



## wlsxIfExtMIB

This MIB module contains MIB objects that provide system-level information about the Dell controller. The wlsx IF EXT tables consists of the following tables. The objects of each table are described in the following sections..

**Table 28** IF EXT Tables

Table	Description
<a href="#">wlsxIfExtPortTable</a>	This table lists the physical ports in the controller.
<a href="#">wlsxIfExtVLANTable</a>	This table lists the VLAN in the controller.
<a href="#">wlsxIfExtVLANMemberTable</a>	This table lists the port membership of the VLAN.
<a href="#">wlsxIfExtVLANInterfaceTable</a>	This table defines Layer 3 VLAN interfaces.

## wlsxIfExtPortTable

The objects of the wlsx External Port table define the physical ports of the controller.

**Table 29** *wlsxIfExtPortTable OIDs*

Object	Object ID	
wlsxIfExtPortEntry	1.3.6.1.4.1.14823.2.2.1.3.1.1.1	wlsxIfExtPortTable 1
ifExtSlotNumber	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.1	wlsxIfExtPortEntry 1
ifExtPortNumber	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.2	wlsxIfExtPortEntry 2
ifExtPortIfIndex	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.3	wlsxIfExtPortEntry 3
ifExtAdminState	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.4	wlsxIfExtPortEntry 4
ifExtOperState	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.5	wlsxIfExtPortEntry 5
ifExtPoeState	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.6	wlsxIfExtPortEntry 6
ifExtIsTrusted	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.7	wlsxIfExtPortEntry 7
ifExtDot1DState	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.8	wlsxIfExtPortEntry 8
ifExtMode	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.9	wlsxIfExtPortEntry 9
ifExtAccessVLANId	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.10	wlsxIfExtPortEntry 10
ifExtTrunkNativeVLANId	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.11	wlsxIfExtPortEntry 11
ifExtTrunkIsAllowedAll	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.12	wlsxIfExtPortEntry 12
ifExtTrunkAllowedVLANList	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.13	wlsxIfExtPortEntry 13
ifExtIngressACLName	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.14	wlsxIfExtPortEntry 14
ifExtEgressACLName	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.15	wlsxIfExtPortEntry 15
ifExtSessionACLName	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.16	wlsxIfExtPortEntry 16
ifExtXsecVLAN	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.17	wlsxIfExtPortEntry 17
ifExtIsMonitoring	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.18	wlsxIfExtPortEntry 18
ifExtIsMux	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.19	wlsxIfExtPortEntry 19
ifExtUserSlotNumber	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.20	wlsxIfExtPortEntry 20
ifExtUserPortNumber	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.21	wlsxIfExtPortEntry 21
ifExtPortSpeed	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.22	wlsxIfExtPortEntry 22
ifExtPortDuplex	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.23	wlsxIfExtPortEntry 23
ifExtPortType	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.24	wlsxIfExtPortEntry 24
ifExtDescr	1.3.6.1.4.1.14823.2.2.1.3.1.1.1.25	wlsxIfExtPortEntry 25

## wlsIfExtPortEntry

<b>Syntax</b>	wlsIfExtPortEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one processor contained by the controller.
<b>Index</b>	{ ifExtSlotNumber, ifExtPortNumber }

## ifExtSlotNumber

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	This object represents the physical slot of the interface.

## ifExtPortNumber

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	This object represents the physical port of the interface.

## ifExtPortIfIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This is the if Index in the ifTable, representing this slot and port.

## ifExtAdminState

<b>Syntax</b>	ArubaEnableValue
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	The desired state of the interface.

## **ifExtOperState**

<b>Syntax</b>	Integer up(1) down(2) testing(3)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The current operational state of the interface.

## **ifExtPoeState**

<b>Syntax</b>	ArubaPoeState
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	The current state of the power over ethernet capability of the port.

## **ifExtIsTrusted**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	The object indicates if the port is used in the trusted side of the network or the untrusted side.

## **ifExtDot1DState**

<b>Syntax</b>	ArubaDot1dState
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	Current Dot1d state of the Port.

## **ifExtMode**

<b>Syntax</b>	ArubaPortMode
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	This object indicates if the port is in a trunk mode or access mode.



## **ifExtAccessVLANId**

<b>Syntax</b>	ArubaVLANValidRange
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	The VLAN ID when the port is in access mode.

## **ifExtTrunkNativeVLANId**

<b>Syntax</b>	ArubaVLANValidRange
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	The native VLAN ID of the Port when the port is in dot1q mode.

## **ifExtTrunkIsAllowedAll**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	When the mode of the port is trunk, this object indicates if the port is part of all the configured VLANs.

## **ifExtTrunkAllowedVLANList**

<b>Syntax</b>	Octet String SIZE(0..512))
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	<p>A string of octets containing one bit per VLAN for a total of 4096 VLANs in the management domain. The most significant bit of the octet string is the lowest value VLAN of 4096 VLANs.</p> <ul style="list-style-type: none"><li>• Setting bit(1) indicates that the VLAN is part of the interface.</li><li>• The most significant bit of the bitmap is transmitted first.</li></ul> <p>Note—If the length of this string is less than 512 octets, missing octets are assumed to contain the value zero.</p>

## **ifExtIngressACLName**

<b>Syntax</b>	DisplayString(SIZE(0..64))
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	This object represents the ingress ACL name applied to the port. An empty string indicates that ACL is not applied on this port.

## **ifExtEgressACLName**

<b>Syntax</b>	DisplayString(SIZE(0..64))
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	This object represents the egress ACL name applied to the port. An empty string indicates that ACL is not applied on this port.

## **ifExtSessionACLName**

<b>Syntax</b>	DisplayString(SIZE(0..64))
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	This object represents the session ACL name applied to the port. An empty string indicates that ACL is not applied on this port.

## **ifExtXsecVLAN**

<b>Syntax</b>	ArubaVLANValidRange
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	This object indicates if the port is an Xsec Port.

## **ifExtIsMonitoring**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	This object indicates if the port is used for port monitoring.

## **ifExtIsMux**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	This object indicates if the port is used as a MUX Port.

## **ifExtUserSlotNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The user-visible (zero-based) slot number.

## **ifExtUserPortNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The user-visible (zero-based) port number.

## **ifExtPortSpeed**

<b>Syntax</b>	ArubaPortSpeed
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Speed of the port.

## **ifExtPortDuplex**

<b>Syntax</b>	ArubaPortDuplex
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The duplex state of the port.

## ifExtPortType

<b>Syntax</b>	ArubaPortType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The type of the port.

## ifExtDescr

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Port description.

## wlsxIfExtVLANTable

The objects of the wlsx IF External VLAN table provide information about the VLANs of the controller.

**Table 30** *wlsxIfExtVLANTable OIDs*

Object	Object ID	
wlsxIfExtVLANEntry	1.3.6.1.4.1.14823.2.2.1.3.1.2.1	wlsxIfExtVLANTable 1
ifExtVLANId	1.3.6.1.4.1.14823.2.2.1.3.1.2.1.1	wlsxIfExtVLANEntry 1
ifExtVLANName	1.3.6.1.4.1.14823.2.2.1.3.1.2.1.2	wlsxIfExtVLANEntry 2
ifExtVLANStatus	1.3.6.1.4.1.14823.2.2.1.3.1.2.1.3	wlsxIfExtVLANEntry 3

## wlsxIfExtVLANEntry

<b>Syntax</b>	wlsxIfExtVLANEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one processor contained by the controller.
<b>Index</b>	{ ifExtVLANId }

## ifExtVLANId

<b>Syntax</b>	ArubaVLANValidRange
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	This object represents the VLAN ID of the interface.

## ifExtVLANName

<b>Syntax</b>	DisplayString(SIZE(0..64))
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	Name of the VLAN.

## ifExtVLANStatus

<b>Syntax</b>	Row Status
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	A row status object used to create/modify the row.

## wlsxIfExtVLANMemberTable

The objects of the wlsx External VLAN Member table provide information about the port membership of the VLAN.

**Table 31** *wlsxIfExtVLANMemberTable OIDs*

Object	Object ID	
<a href="#">wlsxIfExtVLANMemberEntry</a>	1.3.6.1.4.1.14823.2.2.1.3.1.3.1	wlsxIfExtVLANMemberTable 1
<a href="#">ifExtVLANMemberStatus</a>	1.3.6.1.4.1.14823.2.2.1.3.1.3.1.1	wlsxIfExtVLANMemberEntry 1
<a href="#">ifExtVLANMemberSlot</a>	1.3.6.1.4.1.14823.2.2.1.3.1.3.1.2	wlsxIfExtVLANMemberEntry 2
<a href="#">ifExtVLANMemberPort</a>	1.3.6.1.4.1.14823.2.2.1.3.1.3.1.3	wlsxIfExtVLANMemberEntry 3
<a href="#">ifExtVLANMemberType</a>	1.3.6.1.4.1.14823.2.2.1.3.1.3.1.4	wlsxIfExtVLANMemberEntry 4

## wlsxIfExtVLANMemberEntry

<b>Syntax</b>	wlsxIfExtVLANMemberEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one processor contained by the controller.
<b>Index</b>	{ ifExtVLANId, ifIndex }

## ifExtVLANMemberStatus

<b>Syntax</b>	Row Status
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	A row status object used to create/modify and indicate the status row.

## ifExtVLANMemberSlot

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The slot index of the slot referred to by this row (1-based).

## ifExtVLANMemberPort

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The slot index of the slot referred to by this row (1-based).

## ifExtVLANMemberType

<b>Syntax</b>	ArubaIfType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The VLAN member type.

# wlsxIfExtVLANInterfaceTable

The objects of the wlsx IF EXT VLAN Interface table provide information about Layer 3 VLAN interfaces.

**Table 32** *wlsxIfExtVLANInterfaceTable OIDs130*

Object	Object ID	
<a href="#">wlsxIfExtVLANInterfaceEntry</a>	1.3.6.1.4.1.14823.2.2.1.3.1.4.1	wlsxIfExtVLANInterfaceTable 1
<a href="#">ifExtVLANInterfaceIfIndex</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.1	wlsxIfExtVLANInterfaceEntry 1
<a href="#">ifExtVLANInterfaceDescription</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.2	wlsxIfExtVLANInterfaceEntry 2
<a href="#">ifExtVLANInterfaceBWContract</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.3	wlsxIfExtVLANInterfaceEntry 3
<a href="#">ifExtVLANInterfaceAdminState</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.4	wlsxIfExtVLANInterfaceEntry 4
<a href="#">ifExtVLANInterfaceOperState</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.5	wlsxIfExtVLANInterfaceEntry 5
<a href="#">ifExtVLANInterfaceIpAddress</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.6	wlsxIfExtVLANInterfaceEntry 6
<a href="#">ifExtVLANInterfaceIpMask</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.7	wlsxIfExtVLANInterfaceEntry 7
<a href="#">ifExtVLANInterfaceIsLocalArp</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.8	wlsxIfExtVLANInterfaceEntry 8
<a href="#">ifExtVLANInterfaceStatus</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.9	wlsxIfExtVLANInterfaceEntry 9
<a href="#">ifExtVlanInterfaceIpRouting</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.10	wlsxIfExtVLANInterfaceEntry 10
<a href="#">ifExtVlanInterfaceIpNatInside</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.11	wlsxIfExtVLANInterfaceEntry 11
<a href="#">ifExtVlanInterfaceIpIcmpSnooping</a>	11.3.6.1.4.1.14823.2.2.1.3.1.4.1.12	wlsxIfExtVLANInterfaceEntry 12

## wlsxIfExtVLANInterfaceEntry

<b>Syntax</b>	wlsxIfExtVLANInterfaceEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one processor contained by the controller.
<b>Index</b>	{ ifExtVLANId }

## ifExtVLANInterfaceIfIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	This is the ifIndex in ifTable, representing the VLAN interface.

## **ifExtVLANInterfaceDescription**

<b>Syntax</b>	DisplayString(SIZE(0..64))
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	The description of the VLAN interface.

## **ifExtVLANInterfaceBWContract**

<b>Syntax</b>	DisplayString(SIZE(0..64))
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	This object indicates the bandwidth contract on the interface.

## **ifExtVLANInterfaceAdminState**

<b>Syntax</b>	ArubaEnableValue
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	This object indicates the IP address of the interface.

## **ifExtVLANInterfaceOperState**

<b>Syntax</b>	ArubaOperStateValue
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	This object indicates the IP address of the interface.

## **ifExtVLANInterfaceIpAddress**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	This object indicates the IP address of the interface.



## **ifExtVLANInterfaceIpMask**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	This object indicates the IP mask of the interface.

## **ifExtVLANInterfaceLocalArp**

<b>Syntax</b>	ArubaEnableValue
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	This object indicates if the Local Arp is set on the interface.

## **ifExtVLANInterfaceStatus**

<b>Syntax</b>	Row Status
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	A row status object used to create/modify and indicate the status row.

## **ifExtVlanInterfaceIpRouting**

<b>Syntax</b>	ArubaEnableValue
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	This object indicates if the IP routing is set on the interface.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **ifExtVlanInterfaceIpNatInside**

<b>Syntax</b>	ArubaEnableValue
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	This object indicates if the IP not inside is set on the interface.
<b>History</b>	Added in ArubaOS 3.2.0.0.

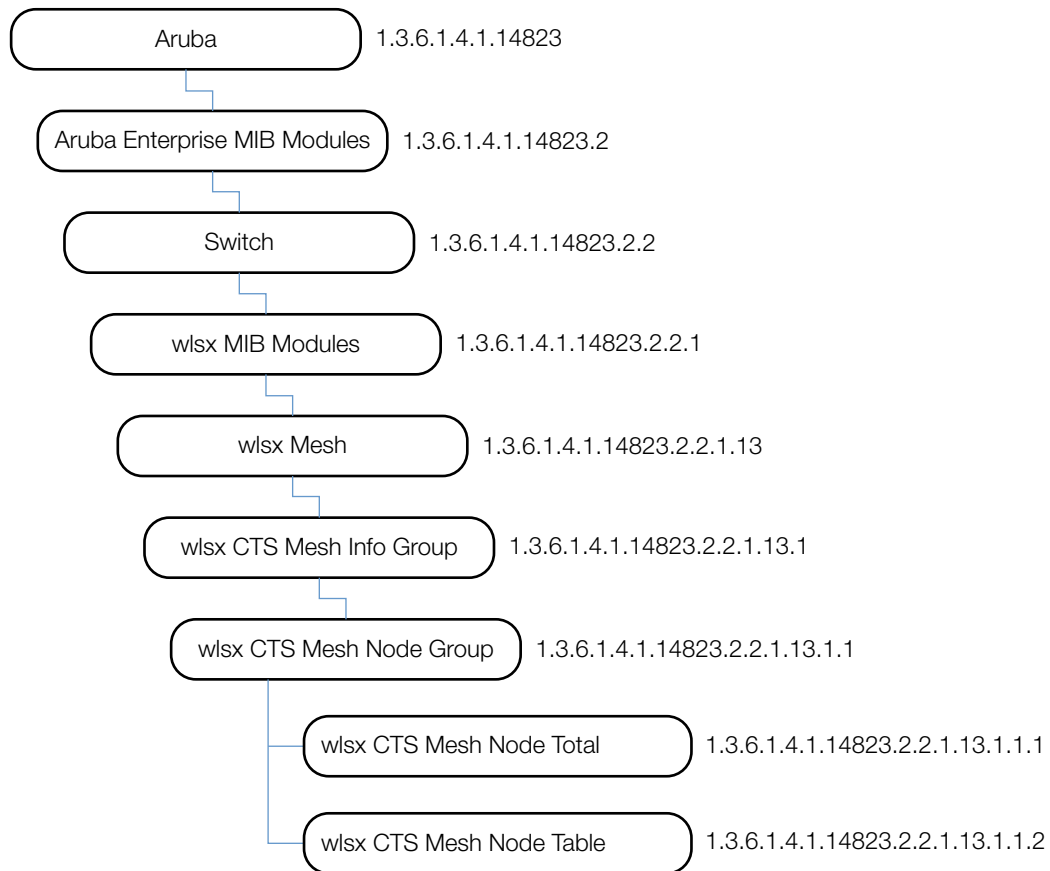
## **ifExtVlanInterfaceIcmpSnooping**

<b>Syntax</b>	ArubaEnableValue
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	This object indicates if the IP IGMP snooping is set on the interface.
<b>History</b>	Added in ArubaOS 3.2.0.0.

The Mesh module provides information about Mesh portal and topology in the Dell controller. Mesh is a new addition to the ArubaOS MIB family.

Figure 9 shows the architecture of the Mesh MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Mesh MIBs are listed in the file *aruba-mesh.my*. For information about downloading Dell MIB files, see “[Downloading MIB Files](#)” on page 23.

**Figure 9** Mesh Hierarchy



The Mesh MIB contains the following tables. The objects of each table are described in the following sections.

**Table 33** Mesh MIB Tables

Table	Description
<a href="#">wlsxMeshNodeTotal</a>	This object lists the total number of mesh nodes in the controller.
<a href="#">wlsxMeshNodeTable</a>	This table lists mesh node information.

## wlsxMeshNodeTotal

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total Number of mesh nodes in the controller.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxMeshNodeTable

The objects of the wlsx Mesh Node table provide information about the Mesh Node.

**Table 34** Mesh Node Table OIDs

Object	Object ID	
wlsxMeshNodeEntry	1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1	wlsxMeshNodeTable 1
wlsxMeshRole	1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.1	wlsxMeshNodeEntry 1
wlsxMeshNodeParent	1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.2	wlsxMeshNodeEntry 2
wlsxMeshNodeChildrenCount	1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.3	wlsxMeshNodeEntry 3
wlsxMeshNodeCluster	1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.4	wlsxMeshNodeEntry 4
wlsxMeshNodeRfBand	1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.5	wlsxMeshNodeEntry 5
wlsxMeshNodePathCost	1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.6	wlsxMeshNodeEntry 6
wlsxMeshNodeNodeCost	1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.7	wlsxMeshNodeEntry 7
wlsxMeshNodeLinkCost	1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.8	wlsxMeshNodeEntry 8
wlsxMeshNodeHopCount	1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.9	wlsxMeshNodeEntry 9

## wlsxMeshNodeEntry

<b>Syntax</b>	MeshEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Mesh node entry.
<b>Index</b>	{wlanAPMacAddress}

## wlsxMeshRole

<b>Syntax</b>	ArubaMeshRole
<b>MAX-ACCES</b>	read-only
<b>Status</b>	current
<b>Description</b>	Mesh role.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxMeshNodeParent

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Mesh node parent.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxMeshNodeChildrenCount

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Mesh node children count.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxMeshNodeCluster

<b>Syntax</b>	DisplayString(SIZE(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Mesh cluster name. Value in float.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **wlsxMeshNodeRfBand**

<b>Syntax</b>	ArubaPhyType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Mesh node RF band.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **wlsxMeshNodePathCost**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Mesh topology path cost.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **wlsxMeshNodeNodeCost**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Mesh topology node cost.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **wlsxMeshNodeLinkCost**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Mesh topology link cost.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxMeshNodeHopCount

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Mesh topology hop cost.
<b>History</b>	Added in ArubaOS 3.2.0.0.

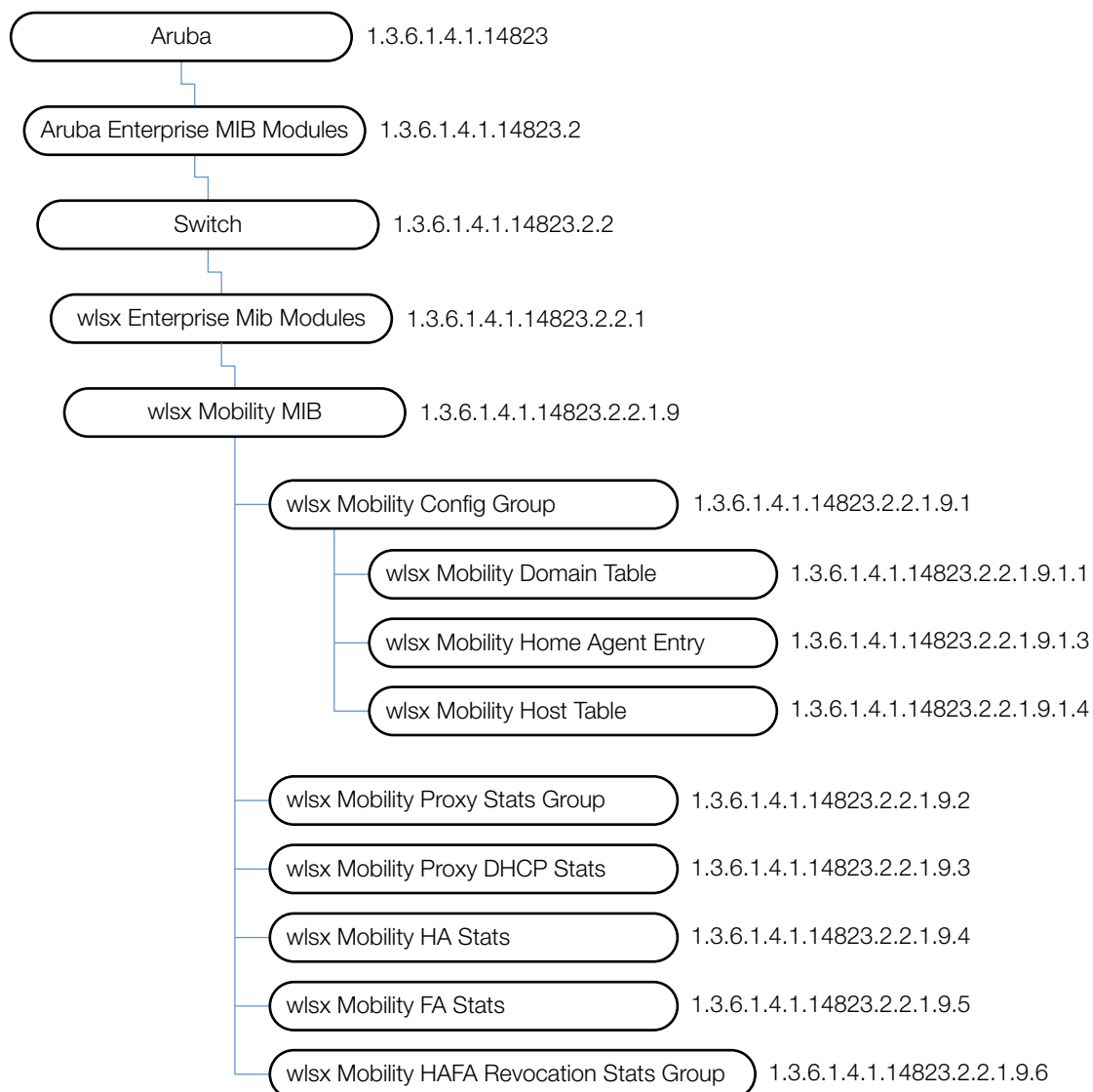




The Mobility module provides information about the subsystem in the Dell controller, such as the home agent (HA) or foreign agent (FA) of a roaming agent.

Figure 10 shows the architecture of the Mobility MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Mobility MIBs are listed in the file *aruba-mobility.my*. For information about downloading Dell MIB files, see “[Downloading MIB Files](#)” on page 23.

**Figure 10** *Mobility Hierarchy*



The Mobility MIB contains the following objects. The objects of each table are described in the following sections.

**Table 35** *Mobility Objects*

Table	Description
<a href="#">wlsxMobilityDomainTable</a>	This table lists all mobility domains configured on the controller.
<a href="#">wlsxMobilityHostTable</a>	This table lists all mobile hosts on the controller.
<a href="#">wlsxMobilityProxyStatsGroup</a>	This group contains proxy state machine statistics—the number of packets handled by the MobileIP Proxy state machine.
<a href="#">wlsxMobilityProxyDHCPStats Group</a>	This group contains proxy DHCP state machine statistics—the number of DHCP packets handled by the MobileIP DHCP state machine.
<a href="#">wlsxMobilityHASTats Group</a>	This group contains MobileIP Home Agent statistics—the number of MobileIP registration, revocation-related messages the HA state machine handled.
<a href="#">wlsxMobilityFAStats Group</a>	This group contains MobileIP Foreign Agent statistics—the number of MobileIP registration, revocation-related messages the FA state machine handled.
<a href="#">wlsxMobilityHAFARevocationStats Group</a>	This group contains MobileIP HA-FA revocation messages exchange statistics—the number of MobileIP revocation-related messages the HA/FA state machine handled.

## wlsxMobilityDomainTable

The objects of the wlsx Mobility Domain table provide information about the mobility domains configured on the controller.

**Table 36** *wlsxMobilityDomainTable OIDs*

Object	Object ID	
<a href="#">wlsxMobilityDomainEntry</a>	1.3.6.1.4.1.14823.2.2.1.9.1.1.1	wlsxMobilityDomainTable 1
<a href="#">mobilityDomainName</a>	1.3.6.1.4.1.14823.2.2.1.9.1.1.1.1	wlsxMobilityDomainEntry 1
<a href="#">mobilityDomainIsExclusive</a>	1.3.6.1.4.1.14823.2.2.1.9.1.1.1.2	wlsxMobilityDomainEntry 2
<a href="#">mobilityDomainStatus</a>	1.3.6.1.4.1.14823.2.2.1.9.1.1.1.3	wlsxMobilityDomainEntry 3

## wlsxMobilityDomainEntry

<b>Syntax</b>	wlsxMobilityDomainEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Mobility Domain Entry
<b>Index</b>	{ mobilityDomainName }

## mobilityDomainName

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The name of the active mobility domain(s) this controller belongs to.
<b>History</b>	Update in ArubaOS 3.1—description.

## mobilityDomainsExclusive

<b>Syntax</b>	ArubaEnableValue
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	Indicates whether this mobility domain is exclusive or not.
<b>History</b>	Deprecated in ArubaOS 3.1.0.0.

## mobilityDomainStatus

<b>Syntax</b>	Row Status
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	Row status object used to indicate the status of the row.

## wlsxMobilityHomeAgentTable

The objects of the wlsx Mobility Home Agent table list all home agents that are visible to the controller.

**Table 37** *wlsxMobilityHomeAgentTable OIDs*

Object	Object ID	
<a href="#">wlsxMobilityHomeAgentEntry</a>	1.3.6.1.4.1.14823.2.2.1.9.1.3.1	wlsxMobilityHomeAgentTable 1
<a href="#">mobilityHomeAgentSubnet</a>	1.3.6.1.4.1.14823.2.2.1.9.1.3.1.1	wlsxMobilityHomeAgentEntry 1
<a href="#">mobilityHomeAgentMask</a>	1.3.6.1.4.1.14823.2.2.1.9.1.3.1.2	wlsxMobilityHomeAgentEntry 2
<a href="#">mobilityHomeAgentIp</a>	1.3.6.1.4.1.14823.2.2.1.9.1.3.1.3	wlsxMobilityHomeAgentEntry 3
<a href="#">mobilityHomeAgentVLAN</a>	1.3.6.1.4.1.14823.2.2.1.9.1.3.1.4	wlsxMobilityHomeAgentEntry 4

## wlsxMobilityHomeAgentEntry

<b>Syntax</b>	wlsxMobilityHomeAgentEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Mobility home agent entry.
<b>Index</b>	{ mobilityHomeAgentSubnet, mobilityHomeAgentMask, mobilityHomeAgentIp }

## mobilityHomeAgentSubnet

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Subnet of the home agent.

## mobilityHomeAgentMask

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Subnet mask of the home agent.

## mobilityHomeAgentIp

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	IP address of the home agent.

## mobilityHomeAgentVLAN

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	VLAN of the home agent.

# wlsxMobilityHostTable

The objects of the wlsx Mobility Host table provide information about the mobile hosts on the controller.

**Table 38** *wlsxMobilityHostTable OIDs*

Object	Object ID	
wlsxMobilityHostEntry	1.3.6.1.4.1.14823.2.2.1.9.1.4.1	wlsxMobilityHostTable 1
mobilityHostMac	1.3.6.1.4.1.14823.2.2.1.9.1.4.1.1	wlsxMobilityHostEntry 1
mobilityHostIp	1.3.6.1.4.1.14823.2.2.1.9.1.4.1.2	wlsxMobilityHostEntry 2
mobilityHostStatus	1.3.6.1.4.1.14823.2.2.1.9.1.4.1.3	wlsxMobilityHostEntry 3
mobilityHostServiceTime	1.3.6.1.4.1.14823.2.2.1.9.1.4.1.4	wlsxMobilityHostEntry 4
mobilityHostHomeVLAN	1.3.6.1.4.1.14823.2.2.1.9.1.4.1.5	wlsxMobilityHostEntry 5
mobilityHostHomeNetwork	1.3.6.1.4.1.14823.2.2.1.9.1.4.1.6	wlsxMobilityHostEntry 6
mobilityHostHomeMask	1.3.6.1.4.1.14823.2.2.1.9.1.4.1.7	wlsxMobilityHostEntry 7
mobilityHostDhcpInfo	1.3.6.1.4.1.14823.2.2.1.9.1.4.1.8	wlsxMobilityHostEntry 8

## wlsxMobilityHostEntry

<b>Syntax</b>	wlsxMobilityHostEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Mobility Host Home Agent Entry.
<b>Index</b>	{ mobilityHostMac }

## mobilityHostMac

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	MAC address of the mobile host.

## mobilityHostIp

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	IP address of the mobile host.

## **mobilityHostStatus**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Roaming status of the mobile host.

## **mobilityHostServiceTime**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The time (seconds) mobility service is provided to the mobile host.

## **mobilityHostHomeVLAN**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Home VLAN of the mobile host.

## **mobilityHostHomeNetwork**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Home network of the mobile host.

## **mobilityHostHomeMask**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Home network mask of the mobile host.

## mobilityHostDhcpInfo

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	DHCP details of the mobile host.

## wlsxMobilityProxyStatsGroup

The objects of this group provide information of the number of packets MobileIP Proxy state machine handled.

**Table 39** *wlsxMobilityProxyStats OIDs*

Object	Object ID	
<a href="#">mobilityProxyPktRx</a>	1.3.6.1.4.1.14823.2.2.1.9.2.1	wlsxMobilityProxyStatsGroup 1
<a href="#">mobilityProxyPktHandled</a>	1.3.6.1.4.1.14823.2.2.1.9.2.2	wlsxMobilityProxyStatsGroup 2
<a href="#">mobilityProxyPktFwd</a>	1.3.6.1.4.1.14823.2.2.1.9.2.3	wlsxMobilityProxyStatsGroup 3
<a href="#">mobilityProxyPktDrop</a>	1.3.6.1.4.1.14823.2.2.1.9.2.4	wlsxMobilityProxyStatsGroup 4
<a href="#">mobilityProxyBusy</a>	1.3.6.1.4.1.14823.2.2.1.9.2.5	wlsxMobilityProxyStatsGroup 5
<a href="#">mobilityProxyNoMobility</a>	1.3.6.1.4.1.14823.2.2.1.9.2.6	wlsxMobilityProxyStatsGroup 6
<a href="#">mobilityProxyClientIPChg</a>	1.3.6.1.4.1.14823.2.2.1.9.2.7	wlsxMobilityProxyStatsGroup 7
<a href="#">mobilityProxyClientEssidChg</a>	1.3.6.1.4.1.14823.2.2.1.9.2.8	wlsxMobilityProxyStatsGroup 8

## mobilityProxyPktRx

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets the proxy state machine received.

## mobilityProxyPktHandled

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets the proxy state machine processed.

## **mobilityProxyPktFwd**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets the proxy state machine forwarded back to data path.

## **mobilityProxyPktDrop**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets the proxy state machine dropped.

## **mobilityProxyBusy**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of mobility events the proxy state machine ignored because it was busy.

## **mobilityProxyNoMobility**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of mobility clients with No Mobility Service.

## **mobilityProxyClientIPChg**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of times mobility detected client IP change.



## mobilityProxyClientEssidChg

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of times mobility detected client ESSID change.

## wlsxMobilityProxyDHCPStats Group

The objects of this group provide information of the number of DHCP packages the Mobile IP state machine handles.

**Table 40** *wlsxMobilityProxyDHCPStats*

Object	Object ID	
<a href="#">mobilityProxyDhcpBootpRx</a>	1.3.6.1.4.1.14823.2.2.1.9.3.1	wlsxMobilityProxyDHCPStatsGroup 1
<a href="#">mobilityProxyDhcpPktProc</a>	1.3.6.1.4.1.14823.2.2.1.9.3.2	wlsxMobilityProxyDHCPStatsGroup 2
<a href="#">mobilityProxyDhcpPktFwd</a>	1.3.6.1.4.1.14823.2.2.1.9.3.3	wlsxMobilityProxyDHCPStatsGroup 3
<a href="#">mobilityProxyDhcpPktDrop</a>	1.3.6.1.4.1.14823.2.2.1.9.3.4	wlsxMobilityProxyDHCPStatsGroup 4
<a href="#">mobilityProxyDHCPNak</a>	1.3.6.1.4.1.14823.2.2.1.9.3.5	wlsxMobilityProxyDHCPStatsGroup 5
<a href="#">mobilityProxyBadDHCPPkt</a>	1.3.6.1.4.1.14823.2.2.1.9.3.6	wlsxMobilityProxyDHCPStatsGroup 6
<a href="#">mobilityProxyNotDHCP</a>	1.3.6.1.4.1.14823.2.2.1.9.3.7	wlsxMobilityProxyDHCPStatsGroup 7
<a href="#">mobilityProxyDHCPNoHomeVLAN</a>	1.3.6.1.4.1.14823.2.2.1.9.3.8	wlsxMobilityProxyDHCPStatsGroup 8
<a href="#">mobilityProxyDHCPUnexpFrame</a>	1.3.6.1.4.1.14823.2.2.1.9.3.9	wlsxMobilityProxyDHCPStatsGroup 9
<a href="#">mobilityProxyDHCPUnexpRemote</a>	1.3.6.1.4.1.14823.2.2.1.9.3.10	wlsxMobilityProxyDHCPStatsGroup 10

## mobilityProxyDhcpBootpRx

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of DHCP Bootp messages received.

## mobilityProxyDhcpPktProc

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of DHCP messages processed.

## **mobilityProxyDhcpPktFwd**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of DHCP messages forwarded.

## **mobilityProxyDhcpPktDrop**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of DHCP messages dropped.

## **mobilityProxyDHCPNak**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of DHCP NAK received from the server.

## **mobilityProxyBadDHCPPkt**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of DHCP packets marked invalid by mobility.

## **mobilityProxyNotDHCP**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of non-DHCP frames received by DHCP state machine.

## mobilityProxyDHCPNoHomeVLAN

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of DHCP-requested IP for which home VLAN does not exist.

## mobilityProxyDHCPUnexpFrame

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of unexpected DHCP frames received from client.

## mobilityProxyDHCPUnexpRemote

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of unexpected DHCP frames received from remote HA/FA.

## wlsxMobilityHStats Group

The objects of this group provide information of the number of registration and revocation messages the HA state machine handles.

**Table 41** *wlsxMobilityHStats OIDs*

Object	Object ID	
<a href="#">mobilityHARxRRQ</a>	1.3.6.1.4.1.14823.2.2.1.9.4.1	wlsxMobilityHStatsGroup 1
<a href="#">mobilityHASentRRP</a>	1.3.6.1.4.1.14823.2.2.1.9.4.2	wlsxMobilityHStatsGroup 2
<a href="#">mobilityHARRQAccept</a>	1.3.6.1.4.1.14823.2.2.1.9.4.3	wlsxMobilityHStatsGroup 3
<a href="#">mobilityHARRQDenied</a>	1.3.6.1.4.1.14823.2.2.1.9.4.4	wlsxMobilityHStatsGroup 4
<a href="#">mobilityHARRQIgnore</a>	1.3.6.1.4.1.14823.2.2.1.9.4.5	wlsxMobilityHStatsGroup 5
<a href="#">mobilityHARRQAdminDeny</a>	1.3.6.1.4.1.14823.2.2.1.9.4.6	wlsxMobilityHStatsGroup 6
<a href="#">mobilityHARRQNoResource</a>	1.3.6.1.4.1.14823.2.2.1.9.4.7	wlsxMobilityHStatsGroup 7
<a href="#">mobilityHAMNauthFail</a>	1.3.6.1.4.1.14823.2.2.1.9.4.8	wlsxMobilityHStatsGroup 8
<a href="#">mobilityHAFAauthFail</a>	1.3.6.1.4.1.14823.2.2.1.9.4.9	wlsxMobilityHStatsGroup 9
<a href="#">mobilityHABadID</a>	1.3.6.1.4.1.14823.2.2.1.9.4.10	wlsxMobilityHStatsGroup 10

**Table 41** *wlsxMobilityHAStats OIDs (Continued)*

Object	Object ID	
<a href="#">mobilityHAMalform</a>	1.3.6.1.4.1.14823.2.2.1.9.4.11	wlsxMobilityHAStatsGroup 11
<a href="#">mobilityHATooManyBnd</a>	1.3.6.1.4.1.14823.2.2.1.9.4.12	wlsxMobilityHAStatsGroup 12
<a href="#">mobilityHABndExpire</a>	1.3.6.1.4.1.14823.2.2.1.9.4.13	wlsxMobilityHAStatsGroup 13

### **mobilityHARxRRQ**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration requests received by HA.

### **mobilityHASentRRP**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration requests reply sent by HA.

### **mobilityHARRQAccept**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration requests accepted by HA.

### **mobilityHARRQDenied**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration requests denied.

## **mobilityHARRQIgnore**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration requests ignored by HA.

## **mobilityHARRQAdminDeny**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration requests denied for administrative reasons by HA.

## **mobilityHARRQNoResource**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration requests denied due to lack of resources by HA.

## **mobilityHAMNauthFail**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of times MN-HA authentication failed.

## **mobilityHAFAuthFail**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of HA-FA authentications failed.

## mobilityHABadID

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of mobile IP messages rejected by HA due to bad identification.

## mobilityHAMalform

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of mobile IP messages rejected by HA due to being poorly formed.

## mobilityHATooManyBnd

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration requests rejected due to too many bindings at HA.

## mobilityHABndExpire

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of times binding expired.

## wlsxMobilityFAStats Group

This describes the number of Registration request sent by FA

The objects of this group provide information of the number of registration requests sent by FA.

**Table 42** *wlsxMobilityFAStats OIDs*

Object	Object ID	
<a href="#">mobilityFASentRRQ</a>	1.3.6.1.4.1.14823.2.2.1.9.5.1	wlsxMobilityFAStatsGroup 1
<a href="#">mobilityFARcvRRP</a>	1.3.6.1.4.1.14823.2.2.1.9.5.2	wlsxMobilityFAStatsGroup 2
<a href="#">mobilityFARRQAccept</a>	1.3.6.1.4.1.14823.2.2.1.9.5.3	wlsxMobilityFAStatsGroup 3

**Table 42** *wlsxMobilityFAStats OIDs (Continued)*

Object	Object ID	
<a href="#">mobilityFARRQReject</a>	1.3.6.1.4.1.14823.2.2.1.9.5.4	wlsxMobilityFAStatsGroup 4
<a href="#">mobilityMNHAauthFAIL</a>	1.3.6.1.4.1.14823.2.2.1.9.5.5	wlsxMobilityFAStatsGroup 5
<a href="#">mobilityFAHAauthFAIL</a>	1.3.6.1.4.1.14823.2.2.1.9.5.6	wlsxMobilityFAStatsGroup 6
<a href="#">mobilityFABadID</a>	1.3.6.1.4.1.14823.2.2.1.9.5.7	wlsxMobilityFAStatsGroup 7
<a href="#">mobilityFAMalfor</a>	1.3.6.1.4.1.14823.2.2.1.9.5.8	wlsxMobilityFAStatsGroup 8

**mobilityFASentRRQ**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration requests sent by FA.

**mobilityFARcvRRP**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration request replies received by FA.

**mobilityFARROAccept**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration requests accepted by HA.

**mobilityFARRQReject**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration requests rejected by HA.

## mobilityMNHAauthFAIL

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of times MN-HA authentication failed.

## mobilityFAHAauthFAIL

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of FA-HA authentications that failed.

## mobilityFABadID

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of mobile IP messages rejected by FA due to bad identification.

## mobilityFAMalfor

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of mobile IP messages rejected by FA because they are poorly formed.

## wlsxMobilityHAFARevocationStats Group

The objects of this group provide information about the revocation of messages handled by the HAFA (home agent, foreign agent) state machines.

**Table 43** *wlsxMobilityHAFARevocationStats*

Object	Object ID	
mobilitySentRRVRQ	1.3.6.1.4.1.14823.2.2.1.9.6.1	wlsxMobilityHAFARevocationStatsGroup 1
mobilityRcvRRVAcK	1.3.6.1.4.1.14823.2.2.1.9.6.2	wlsxMobilityHAFARevocationStatsGroup 2
mobilityRcvRRV	1.3.6.1.4.1.14823.2.2.1.9.6.3	wlsxMobilityHAFARevocationStatsGroup 3



**Table 43** *wlsxMobilityHAFARevocationStats*

Object	Object ID	
mobilitySentRRVAck	1.3.6.1.4.1.14823.2.2.1.9.6.4	wlsxMobilityHAFARevocationStatsGroup 4
mobilityRRVRQIgnore	1.3.6.1.4.1.14823.2.2.1.9.6.5	wlsxMobilityHAFARevocationStatsGroup 5
mobilityRRVAckIgnore	1.3.6.1.4.1.14823.2.2.1.9.6.6	wlsxMobilityHAFARevocationStatsGroup 6

**mobilitySentRRVRQ**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration revocation requests sent.

**mobilityRcvRRVAck**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration revocation ACKs received.

**mobilityRcvRRV**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration revocation requests received.

**mobilitySentRRVAck**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received registration revocation request ACKs sent.

## **mobilityRRVRQIgnore**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registration revocation requests ignored.

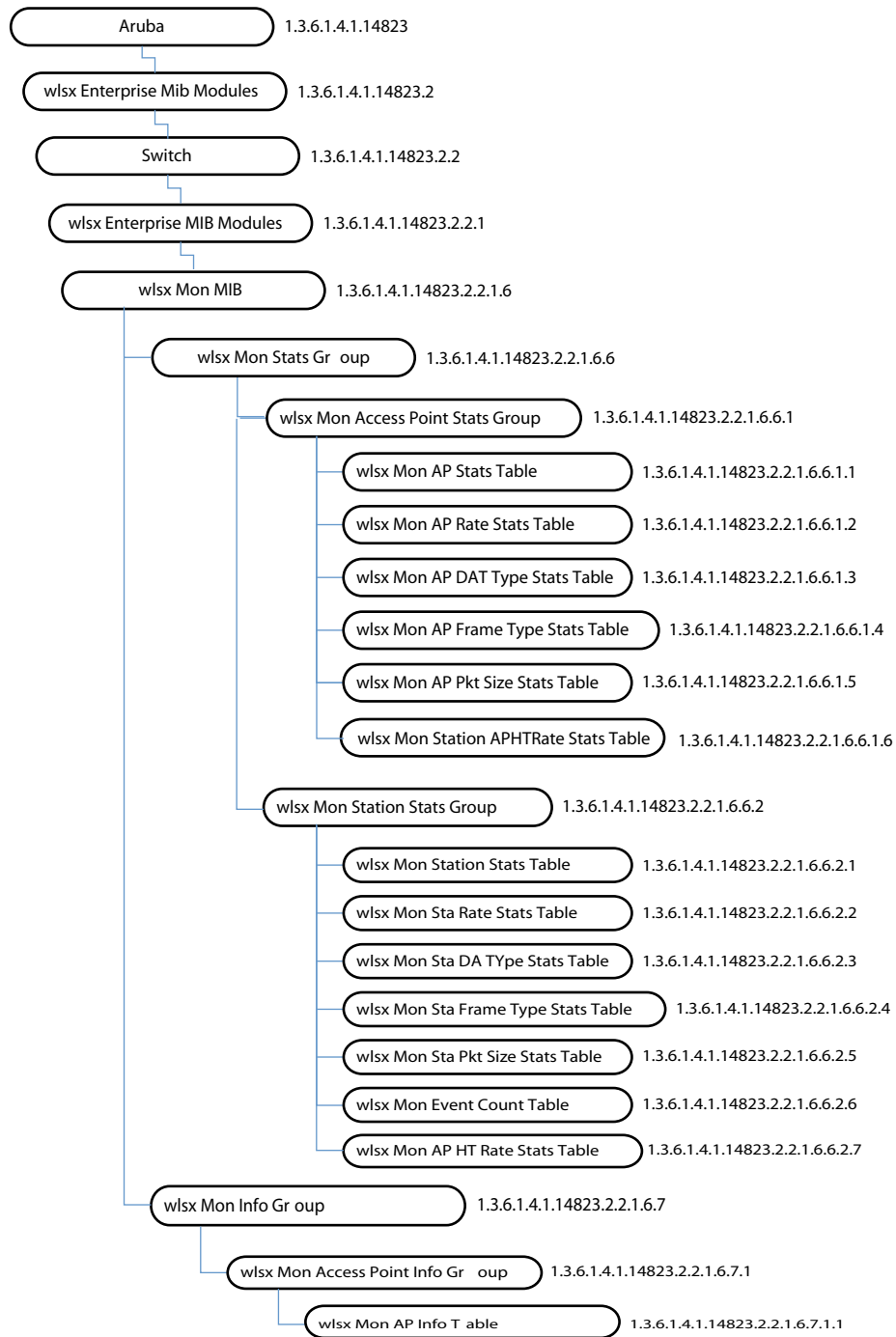
## **mobilityRRVAckIgnore**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of registrations that revocation ACK ignored.

The Monitor module provides information about network traffic. Monitoring access points can be used to observe network traffic, such as the number of packets transferred at a specific rate, the number of errors per access point, and so on.

[Figure 11](#) shows the architecture of the Monitor MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Monitor MIBs are listed in the file `aruba-mon.my`. For information about downloading Dell MIB files, see [“Downloading MIB Files” on page 23](#).

**Figure 11** *Monitor Hierarchy*



The Monitor MIB contains the following tables. The objects of each table are described in the following sections.

**Table 44** Monitor MIB Tables

Table	Description
<a href="#">wlsxMonAPStatsTable</a>	This table lists the statistics of all the access points being monitored by the controller.
<a href="#">wlsxMonAPRateStatsTable</a>	This tables lists the statistics of access points that are sorted by rate transfer rate.

**Table 44** Monitor MIB Tables (Continued)

Table	Description
wlsxMonAPDTypeStatsTable	This table lists the per BSSID packet and byte counts that are sorted by the destination address.
wlsxMonAPFrameTypeStatsTable	This table lists the per BSSID packet and byte counts that are sorted by frame type.
wlsxMonAPPktSizeStatsTable	This table lists the per BSSID packet and byte counts that are sorted by packet size.
wlsxMonAPHTRateStatsTable	This table lists the access point packet and byte counts that are sorted by HT rate.
wlsxMonStationStatsTable	This table lists the statistics of the wireless stations being monitored by an AP connected to this controller.
wlsxMonStaRateStatsTable	This table lists the packet and byte counts for a monitored station that are sorted by transfer rate.
wlsxMonStaDTypeStatsTable	This table lists the packet and byte counts for a monitored station that are sorted by destination address.
wlsxMonStaFrameTypeStatsTable	This table lists the packet and byte counts of monitored stations that are sorted by frame type.
wlsxMonStaPktSizeStatsTable	This table lists the packet and byte counts for monitored stations that are sorted by packet size.
wlsxMonAPInfoTable	This table lists all of the access points being monitored by the controller.
wlsxMonStationInfoTable	This table lists the statistics of all the wireless stations being monitored.
wlsxMonEventCountTable	This table lists the counts of events generated by the access points.
wlsxMonStationHTRateStatsTable	This table lists the monitored access point packet and byte counts that are sorted by high throughput.

## wlsxMonAPStatsTable

The objects of the wlsx Mon AP Statistics table provide the statistics of all the APs that are monitored by the controller.

**Table 45** wlsxMonApStatsTable OIDs

Object	Object ID	
wlsxMonAPStatsEntry	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1	wlsxMonAPStatsTable 1
monPhyAddress	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.1	wlsxMonAPStatsEntry 1
monRadioNumber	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.2	wlsxMonAPStatsEntry 2
monitoredApBSSID	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.3	wlsxMonAPStatsEntry 3
monPhyType	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.4	wlsxMonAPStatsEntry 4
monAPCurrentChannel	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.5	wlsxMonAPStatsEntry 5
monAPNumClients	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.6	wlsxMonAPStatsEntry 6
monAPTxBkts	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.7	wlsxMonAPStatsEntry 7
monAPTxBkts	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.8	wlsxMonAPStatsEntry 8
monAPRxBkts	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.9	wlsxMonAPStatsEntry 9
monAPRxBkts	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.10	wlsxMonAPStatsEntry 10

**Table 45** *wlsxMonApStatsTable OIDs (Continued)*

Object	Object ID	
monAPRxBytes	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.11	wlsxMonAPStatsEntry 11
monAPTxDauthentication	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.12	wlsxMonAPStatsEntry 12
monAPRxDeauthentication	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.13	wlsxMonAPStatsEntry 13
monAPChannelThroughput	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.14	wlsxMonAPStatsEntry 14
monAPFrameRetryRate	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.15	wlsxMonAPStatsEntry 15
monAPFrameLowSpeedRate	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.16	wlsxMonAPStatsEntry 16
monAPFrameNonUnicastRate	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.17	wlsxMonAPStatsEntry 17
monAPFrameFragmentationRate	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.18	wlsxMonAPStatsEntry 18
monAPFrameBandwidthRate	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.19	wlsxMonAPStatsEntry 19
monAPFrameRetryErrorRate	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.20	wlsxMonAPStatsEntry 20
monAPChannelErrorRate	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.21	wlsxMonAPStatsEntry 21
monAPESSID	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.22	wlsxMonAPStatsEntry 22
monAPRSSI	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.23	wlsxMonAPStatsEntry 23
monAPFrameReceiveErrorRate	1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.24	wlsxMonAPStatsEntry 24

**wlsxMonAPStatsEntry**

<b>Syntax</b>	wlsxMonAPStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Monitored Access Point Stats entry.
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredApBSSID }
<b>History</b>	Update in ArubaOS 3.1—description.

**monPhyAddress**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	MAC address of the air monitor that is monitoring the AP.

## **monRadioNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The radio number of the air monitor that is monitoring the access point.

## **monitoredApBSSID**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The BSSID of the monitored access point.

## **monPhyType**

<b>Syntax</b>	ArubaPhyType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The PHY type of the monitored access point.

## **monAPCurrentChannel**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The channel the monitored access point is using.

## **monAPNumClients**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of clients associated to this monitored access point.

## **monAPTxBkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by this monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPTxBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of bytes transmitted by this monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPRxBkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by this monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPRxBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of bytes received by this monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.



## **monAPTxDauthentication**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of deauthentications transmitted by this monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPRxDeauthentication**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of deauthentications received by this monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPChannelThroughput**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The throughput achieved on this channel by this monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPFrameRetryRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of retry packets as a percentage of the total packets transmitted and received by this monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPFrameLowSpeedRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of low data rate (<= 18 Mbps for A/G bands and <=2 Mbps for B band) packets as a percentage of the total packets transmitted and received by this monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPFrameNonUnicastRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The multicast rate on this monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPFrameFragmentationRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of fragments as a percentage of the total packets transmitted by this monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPFrameBandwidthRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The bandwidth of this monitored access point in Kbps.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPFrameRetryErrorRate**

<b>Syntax</b>	Integer32Status
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	The number of error packets as a percentage of the total packets received on this monitored access point.
<b>History</b>	Deprecated in ArubaOS 3.1.0.0.

## **monAPChannelErrorRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of error packets as a percentage of the total packets received on the current channel.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPESSID**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	ESSID of the monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## **monAPRSSI**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	SNR of the monitored access point.
<b>History</b>	Update in ArubaOS 3.1—description.

## monAPFrameReceiveErrorRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of error packets as a percentage of the total packets received on this monitored access point.
<b>History</b>	Added in ArubaOS 3.1

## wlsxMonAPRateStatsTable

The objects of the wlsx Monitor AP Rate Statistics table provide AP statistics that are sorted by rate categories.

**Table 46** *wlsxMonAPRateStatsTable OIDs*

Object	OID	
wlsxMonAPRateStatsEntry	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1	wlsxMonAPRateStatsTable 1
monAPStatsTotPktsAt1Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.1	wlsxMonAPRateStatsEntry 1
monAPStatsTotBytesAt1Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.2	wlsxMonAPRateStatsEntry 2
monAPStatsTotPktsAt2Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.3	wlsxMonAPRateStatsEntry 3
monAPStatsTotBytesAt2Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.5	wlsxMonAPRateStatsEntry 4
monAPStatsTotPktsAt5Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.5	wlsxMonAPRateStatsEntry 5
monAPStatsTotBytesAt5Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.6	wlsxMonAPRateStatsEntry 6
monAPStatsTotPktsAt11Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.7	wlsxMonAPRateStatsEntry 7
monAPStatsTotBytesAt11Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.8	wlsxMonAPRateStatsEntry 8
monAPStatsTotPktsAt6Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.9	wlsxMonAPRateStatsEntry 9
monAPStatsTotBytesAt6Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.10	wlsxMonAPRateStatsEntry 10
monAPStatsTotPktsAt12Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.11	wlsxMonAPRateStatsEntry 11
monAPStatsTotBytesAt12Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.12	wlsxMonAPRateStatsEntry 12
monAPStatsTotPktsAt18Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.13	wlsxMonAPRateStatsEntry 13
monAPStatsTotBytesAt18Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.14	wlsxMonAPRateStatsEntry 14
monAPStatsTotPktsAt24Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.15	wlsxMonAPRateStatsEntry 15
monAPStatsTotBytesAt24Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.16	wlsxMonAPRateStatsEntry 16
monAPStatsTotPktsAt36Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.17	wlsxMonAPRateStatsEntry 17
monAPStatsTotBytesAt36Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.18	wlsxMonAPRateStatsEntry 18
monAPStatsTotPktsAt48Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.19	wlsxMonAPRateStatsEntry 19
monAPStatsTotBytesAt48Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.20	wlsxMonAPRateStatsEntry 20
monAPStatsTotPktsAt54Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.21	wlsxMonAPRateStatsEntry 21
monAPStatsTotBytesAt54Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.22	wlsxMonAPRateStatsEntry 22

**Table 46** *wlsxMonAPRateStatsTable OIDs*

Object	OID	
monAPStatsTotPktsAt9Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.23	wlsxMonAPRateStatsEntry 23
monAPStatsTotBytesAt9Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.24	wlsxMonAPRateStatsEntry 24

**wlsxMonAPRateStatsEntry**

<b>Syntax</b>	Sequence of wlsxMonAPRateStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Data rate-based packet and byte count entry for a monitored access point.
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredApBSSID }

**monAPStatsTotPktsAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed from this BSSID at 1 Mbps rate.

**monAPStatsTotBytesAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed from this BSSID at 1 Mbps rate.

**monAPStatsTotPktsAt2Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed from this BSSID at 2 Mbps rate.

### **monAPStatsTotBytesAt2Mbps**

**Syntax** Counter32

**Max-Access** read-only

**Status** current

**Description** This attribute indicates the total number of bytes observed from this BSSID at 2 Mbps rate.

### **monAPStatsTotPktsAt5Mbps**

**Syntax** Counter32

**Max-Access** read-only

**Status** current

**Description** This attribute indicates the total number of packets observed from this BSSID at 5 Mbps rate.

### **monAPStatsTotBytesAt5Mbps**

**Syntax** Counter32

**Max-Access** read-only

**Status** current

**Description** This attribute indicates the total number of bytes observed from this BSSID at 5 Mbps rate.

### **monAPStatsTotPktsAt11Mbps**

**Syntax** Counter32

**Max-Access** read-only

**Status** current

**Description** This attribute indicates the total number of packets observed from this BSSID at 11 Mbps rate.

### **monAPStatsTotBytesAt11Mbps**

**Syntax** Counter32

**Max-Access** read-only

**Status** current

**Description** This attribute indicates the total number of bytes observed from this BSSID at 11 Mbps rate.

### **monAPStatsTotPktsAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed from this BSSID at 6 Mbps rate.

### **monAPStatsTotBytesAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed from this BSSID at 6 Mbps rate.

### **monAPStatsTotPktsAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed from this BSSID at 12 Mbps rate.

### **monAPStatsTotBytesAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed from this BSSID at 12 Mbps rate.

### **monAPStatsTotPktsAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed from this BSSID at 18 Mbps rate.

### **monAPStatsTotBytesAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed from this BSSID at 18 Mbps rate.

### **monAPStatsTotPktsAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed from this BSSID at 24 Mbps rate.

### **monAPStatsTotBytesAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed from this BSSID at 24 Mbps rate.

### **monAPStatsTotPktsAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed from this BSSID at 36 Mbps rate.

### **monAPStatsTotBytesAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed from this BSSID at 36 Mbps rate.



### **monAPStatsTotPktsAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed from this BSSID at 48 Mbps rate.

### **monAPStatsTotBytesAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed from this BSSID at 48 Mbps rate.

### **monAPStatsTotPktsAt54Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed from this BSSID at 54 Mbps rate.

### **monAPStatsTotBytesAt54Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed from this BSSID at 54 Mbps rate.

### **monAPStatsTotPktsAt9Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed from this BSSID at 9 Mbps rate.

## monAPStatsTotBytesAt9Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed from this BSSID at 9 Mbps rate.

## wlsxMonAPDATypeStatsTable

The objects of the wlsx Mon Access Point DA Type Statistics table provide information about all the BSSID packet and byte counts, which are sorted by the Destination Address (DA) Type.

**Table 47** *wlsxMonAPDATypeStatsTable OIDs*

Object	Object ID	
wlsxMonAPDATypeStatsEntry	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1	wlsxMonAPDATypeStatsTable 1
monAPStatsTotDABroadcastPkts	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.1	wlsxMonAPDATypeStatsEntry 1
monAPStatsTotDABroadcastBytes	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.2	wlsxMonAPDATypeStatsEntry 2
monAPStatsTotDAMulticastPkts	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.3	wlsxMonAPDATypeStatsEntry 3
monAPStatsTotDAMulticastBytes	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.4	wlsxMonAPDATypeStatsEntry 4
monAPStatsTotDAUnicastPkts	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.5	wlsxMonAPDATypeStatsEntry 5
monAPStatsTotDAUnicastBytes	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.6	wlsxMonAPDATypeStatsEntry 6
wlsxMonAPFrameTypeStatsEntry	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.7	wlsxMonAPDATypeStatsEntry 7
monAPStatsTotMgmtPkts	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.8	wlsxMonAPDATypeStatsEntry 8
monAPStatsTotMgmtBytes	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.9	wlsxMonAPDATypeStatsEntry 9
monAPStatsTotCtrlPkts	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.10	wlsxMonAPDATypeStatsEntry 10
monAPStatsTotCtrlBytes	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.11	wlsxMonAPDATypeStatsEntry 11
monAPStatsTotDataPkts	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.12	wlsxMonAPDATypeStatsEntry 12
monAPStatsTotDataBytes	1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.13	wlsxMonAPDATypeStatsEntry 13

## wlsxMonAPDATypeStatsEntry

<b>Syntax</b>	wlsxMonAPDATypeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Destination address-based packet and byte count entry for a monitored access point
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredApBSSID, monAPStatsTotDAUnicastPktsCounter32, monAPStatsTotDAUnicastBytesCounter32 }

### **monAPStatsTotDABroadcastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of broadcast packets observed from this BSSID.

### **monAPStatsTotDABroadcastBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of broadcast bytes observed from this BSSID.

### **monAPStatsTotDAMulticastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of multicast packets observed from this BSSID.

### **monAPStatsTotDAMulticastBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of multicast bytes observed from this BSSID.

### **monAPStatsTotDAUnicastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of unicast packets observed from this BSSID.

## monAPStatsTotDAUnicastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of unicast bytes observed from this BSSID.

## wlsxMonAPFrameTypeStatsTable

The objects of the wlsx Mon Access Point Frame Type Stats table provide statistics of the BSSID packet and byte counts, which are sorted by Destination Address (DA) Type.

## wlsxMonAPFrameTypeStatsEntry

<b>Syntax</b>	wlsxMonAPFrameTypeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Frame Type-based packet and byte count entry for a monitored access point.
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredApBSSID }

## monAPStatsTotMgmtPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of management packets observed from this BSSID.

## monAPStatsTotMgmtBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of management bytes observed from this BSSID.

## **monAPStatsTotCtrlPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of control packets observed from this BSSID.

## **monAPStatsTotCtrlBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of control bytes observed from this BSSID.

## **monAPStatsTotDataPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of data packets observed from this BSSID.

## **monAPStatsTotDataBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of data bytes observed from this BSSID.

## **wlsxMonAPPktSizeStatsTable**

The objects of the wlsx Mon AP Packet Size Statistics table provide channel statistics that are sorted by packet size.

## wlsxMonAPPktSizeStatsEntry

<b>Syntax</b>	wlsxMonAPPktSizeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Packet size-based packet count entry for a BSSID.
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredApBSSID }

## monAPStatsPkts63Bytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets transmitted by the access point that were less than 64 bytes long.
<b>History</b>	Updated in ArubaOS 3.1—description.

## monAPStatsPkts64To127

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets transmitted by the access point that were between 64 and 127 bytes long.
<b>History</b>	Updated in ArubaOS 3.1—description.

## monAPStatsPkts128To255

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets transmitted by the access point that were between 128 and 255 bytes long.

## monAPStatsPkts256To511

**Syntax** Counter32

**Max-Access** read-only

**Status** current

**Description** This attribute indicates the total number of packets transmitted by the access point that were between 256 and 511 bytes long.

## monAPStatsPkts512To1023

**Syntax** Counter32

**Max-Access** read-only

**Status** current

**Description** This attribute indicates the total number of packets transmitted by the access point that were between 512 and 1023 bytes long.

## monAPStatsPkts1024To1518

**Syntax** Counter32

**Max-Access** read-only

**Status** current

**Description** This attribute indicates the total number of packets transmitted by the access point that were between 1024 and 1518 bytes long.

## wlsxMonAPHTRateStatsTable

The objects of the wlsx Mon AP HPT Rate Stats table provide the monitored counts of access point packet and byte counts that are sorted by high throughput (HT) rates.

**Table 48** *wlsxMonAPHTRateStatsTable OIDs*

Object	Object ID	
<a href="#">wlsxMonAPHTRateStatsEntry</a>	1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1	wlsxMonAPHRageStatsTable 1
<a href="#">monHTRate</a>	1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1.1	wlsxMonAPHRageStatsEntry 1
<a href="#">monAPStatsToHTPkts</a>	1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1.2	wlsxMonAPHRageStatsEntry 2
<a href="#">monAPStatsToHTBytes</a>	1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1.3	wlsxMonAPHRageStatsEntry 3

## wlsxMonAPHTRateStatsEntry

<b>Syntax</b>	WlsxMonAPHTRateStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Data rate based packet and byte count entry for a monitored AP.
<b>Index</b>	monPhyAddress, monRadioNumber, monitoredApBSSID, monHTRate

## monHTRate

<b>Syntax</b>	ArubaHTRate
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The rate at which the counters apply
<b>Index</b>	monPhyAddress, monRadioNumber, monitoredApBSSID, monHTRate

## monAPStatsToHTPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets processed at the indicated rate.
<b>Index</b>	monPhyAddress, monRadioNumber, monitoredApBSSID, monHTRate

## monAPStatsToHTBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes processed at the indicated rate.
<b>Index</b>	monPhyAddress, monRadioNumber, monitoredApBSSID, monHTRate



## wlsxMonStationStatsTable

The objects of the wlsx Monitor Station Statistics table provide aggregate statistics collected for a station.

**Table 49** *MonStationStats Table*

Object	Object ID	
wlsxMonStationStatsEntry	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1	wlsxMonStationStatsTable 1
monitoredStaPhyAddress	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.1	wlsxMonStationStatsEntry 1
monStaChannelNum	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.2	wlsxMonStationStatsEntry 2
monStaTxPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.3	wlsxMonStationStatsEntry 3
monStaTxBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.4	wlsxMonStationStatsEntry 4
monStaRxPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.5	wlsxMonStationStatsEntry 5
monStaRxBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.6	wlsxMonStationStatsEntry 6
monStaTxBCastPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.7	wlsxMonStationStatsEntry 7
monStaTxBCastBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.8	wlsxMonStationStatsEntry 8
monStaTxMCastPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.9	wlsxMonStationStatsEntry 9
monStaTxMCastBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.10	wlsxMonStationStatsEntry 10
monStaDataPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.11	wlsxMonStationStatsEntry 11
monStaCtrlPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.12	wlsxMonStationStatsEntry 12
monStaNumAssocRequests	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.13	wlsxMonStationStatsEntry 13
monStaNumAuthRequests	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.14	wlsxMonStationStatsEntry 14
monStaTxDeauthentications	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.15	wlsxMonStationStatsEntry 15
monStaRxDeauthentications	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.16	wlsxMonStationStatsEntry 16
monStaFrameRetryRate	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.17	wlsxMonStationStatsEntry 17
monStaFrameLowSpeedRate	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.18	wlsxMonStationStatsEntry 18
monStaFrameNonUnicastRate	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.19	wlsxMonStationStatsEntry 19
monStaFrameFragmentationRate	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.20	wlsxMonStationStatsEntry 20
monStaFrameBandwidthRate	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.21	wlsxMonStationStatsEntry 21
monStaFrameRetryErrorRate	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.22	wlsxMonStationStatsEntry 22
monStaBSSID	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.23	wlsxMonStationStatsEntry 23
monStaESSID	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.24	wlsxMonStationStatsEntry 24
monStaPhyType	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.25	wlsxMonStationStatsEntry 25
monStaRSSI	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.26	wlsxMonStationStatsEntry 26
monStaFrameReceiveErrorRate	1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.27	wlsxMonStationStatsEntry 27

## wlsxMonStationStatsEntry

<b>Syntax</b>	MonStationStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Monitored Station Stats Entry.
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredStaPhyAddress }

## monitoredStaPhyAddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	MAC address of the monitored station.

## monStaChannelNum

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The channel the station is currently using.

## monStaTxPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by this station.

## monStaTxBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of bytes transmitted by this station.

## **monStaRxPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by this station.

## **monStaRxBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of bytes received by this station.

## **monStaTxBCastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast packets transmitted by this station.

## **monStaTxBCastBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast bytes transmitted by this station.

## **monStaTxMCastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of multicast packets transmitted by this station.

## **monStaTxMCastBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of multicast bytes transmitted by this station.

## **monStaDataPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of data packets transmitted by this station.

## **monStaCtrlPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of control packets transmitted by this station.

## **monStaNumAssocRequests**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of association requests transmitted by this station.

## **monStaNumAuthRequests**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of authentication requests transmitted by this station

## **monStaTxDeauthentications**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of deauthentication frames transmitted by this station.

## **monStaRxDeauthentications**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of deauthentication frames received by this station.

## **monStaFrameRetryRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of retry packets as a percentage of the total packets transmitted and received by this station.

## **monStaFrameLowSpeedRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of low data rate (<= 18 Mbps for A/G bands and <=2 Mbps for B band) packets as a percentage of the total packets transmitted and received by this station.

## **monStaFrameNonUnicastRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast and multicast packets as a percentage of the total packets transmitted by this station.

## **monStaFrameFragmentationRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of fragments as a percentage of the total packets transmitted by this station.

## **monStaFrameBandwidthRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The bandwidth of this station in Kbps.

## **monStaFrameRetryErrorRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	The number of error packets as a percentage of the total packets received by this station.

## **monStaBSSID**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	BSSID of the monitored station.

## **monStaESSID**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	ESSID of the monitored station.

## monStaPhyType

<b>Syntax</b>	ArubaPhyType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	PHY type of the monitored station.

## monStaRSSI

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	SNR of the monitored station.

## monStaFrameReceiveErrorRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of error packets as a percentage of the total packets received by this station.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxMonStaRateStatsTable

The objects of the wlsx Monitor Station Statistics table provide station statistics sorted by data rates.

**Table 50** *wlsxMonStaRateStatsTable OIDs*

Object	Object ID	
<a href="#">wlsxMonStaRateStatsEntry</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1	wlsxMonStaRateStatsTable 1
<a href="#">monStaTxPktsAt1Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.1	wlsxMonStaRateStatsEntry 1
<a href="#">monStaTxBytesAt1Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.2	wlsxMonStaRateStatsEntry 2
<a href="#">monStaTxPktsAt2Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.3	wlsxMonStaRateStatsEntry 3
<a href="#">monStaTxBytesAt2Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.4	wlsxMonStaRateStatsEntry 4
<a href="#">monStaTxPktsAt5Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.5	wlsxMonStaRateStatsEntry 5
<a href="#">monStaTxBytesAt5Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.6	wlsxMonStaRateStatsEntry 6
<a href="#">monStaTxPktsAt11Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.7	wlsxMonStaRateStatsEntry 7
<a href="#">monStaTxBytesAt11Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.8	wlsxMonStaRateStatsEntry 8
<a href="#">monStaTxPktsAt6Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.9	wlsxMonStaRateStatsEntry 9

**Table 50** *wlsxMonStaRateStatsTable OIDs (Continued)*

Object	Object ID	
monStaTxBytesAt6Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.10	wlsxMonStaRateStatsEntry 10
monStaTxPktsAt12Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.11	wlsxMonStaRateStatsEntry 11
monStaTxBytesAt12Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.12	wlsxMonStaRateStatsEntry 12
monStaTxPktsAt18Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.13	wlsxMonStaRateStatsEntry 13
monStaTxBytesAt18Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.14	wlsxMonStaRateStatsEntry 14
monStaTxPktsAt24Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.15	wlsxMonStaRateStatsEntry 15
monStaTxBytesAt24Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.16	wlsxMonStaRateStatsEntry 16
monStaTxPktsAt36Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.17	wlsxMonStaRateStatsEntry 17
monStaTxBytesAt36Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.18	wlsxMonStaRateStatsEntry 18
monStaTxPktsAt48Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.19	wlsxMonStaRateStatsEntry 19
monStaTxBytesAt48Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.20	wlsxMonStaRateStatsEntry 20
monStaTxPktsAt54Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.21	wlsxMonStaRateStatsEntry 21
monStaTxBytesAt54Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.22	wlsxMonStaRateStatsEntry 22
monStaRxPktsAt1Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.23	wlsxMonStaRateStatsEntry 23
monStaRxBytesAt1Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.24	wlsxMonStaRateStatsEntry 24
monStaRxPktsAt2Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.25	wlsxMonStaRateStatsEntry 25
monStaRxBytesAt2Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.26	wlsxMonStaRateStatsEntry 26
monStaRxPktsAt5Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.27	wlsxMonStaRateStatsEntry 27
monStaRxBytesAt5Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.28	wlsxMonStaRateStatsEntry 28
monStaRxPktsAt11Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.29	wlsxMonStaRateStatsEntry 29
monStaRxBytesAt11Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.30	wlsxMonStaRateStatsEntry 30
monStaRxPktsAt6Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.31	wlsxMonStaRateStatsEntry 31
monStaRxBytesAt6Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.32	wlsxMonStaRateStatsEntry 32
monStaRxPktsAt12Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.33	wlsxMonStaRateStatsEntry 33
monStaRxBytesAt12Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.34	wlsxMonStaRateStatsEntry 34
monStaRxPktsAt18Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.35	wlsxMonStaRateStatsEntry 35
monStaRxBytesAt18Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.36	wlsxMonStaRateStatsEntry 36
monStaRxPktsAt24Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.37	wlsxMonStaRateStatsEntry 37
monStaRxBytesAt24Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.38	wlsxMonStaRateStatsEntry 38
monStaRxPktsAt36Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.39	wlsxMonStaRateStatsEntry 39
monStaRxBytesAt36Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.40	wlsxMonStaRateStatsEntry 40
monStaRxPktsAt48Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.41	wlsxMonStaRateStatsEntry 41
monStaRxBytesAt48Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.42	wlsxMonStaRateStatsEntry 42
monStaRxPktsAt54Mbps	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.43	wlsxMonStaRateStatsEntry 43



**Table 50** *wlsxMonStaRateStatsTable OIDs (Continued)*

Object	Object ID	
<a href="#">monStaRxBytesAt54Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.44	wlsxMonStaRateStatsEntry 44
<a href="#">monStaTxPktsAt9Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.45	wlsxMonStaRateStatsEntry 45
<a href="#">monStaTxBytesAt9Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.46	wlsxMonStaRateStatsEntry 46
<a href="#">monStaRxPktsAt9Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.47	wlsxMonStaRateStatsEntry 47
<a href="#">monStaRxBytesAt9Mbps</a>	1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.48	wlsxMonStaRateStatsEntry 48

**wlsxMonStaRateStatsEntry**

<b>Syntax</b>	wlsxMonStaRateStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Data rate-based packet and byte count entry for a monitored station.
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredStaPhyAddress }

**monStaTxPktsAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 1 Mbps rate.

**monStaTxBytesAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 1 Mbps rate.

**monStaTxPktsAt2Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 2 Mbps rate.

## **monStaTxBytesAt2Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 2 Mbps rate.

## **monStaTxPktsAt5Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 5 Mbps rate.

## **monStaTxBytesAt5Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 5 Mbps rate.

## **monStaTxPktsAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 11 Mbps rate.

## **monStaTxBytesAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 11 Mbps rate.

## **monStaTxPktsAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 6 Mbps rate.

## **monStaTxBytesAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 6 Mbps rate.

## **monStaTxPktsAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 12 Mbps rate.

## **monStaTxBytesAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 12 Mbps rate.

## **monStaTxPktsAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 18 Mbps rate.

## **monStaTxBytesAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 18 Mbps rate.

## **monStaTxPktsAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 24 Mbps rate.

## **monStaTxBytesAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 24 Mbps rate.

## **monStaTxPktsAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 36 Mbps rate.

## **monStaTxBytesAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 36 Mbps rate.

### **monStaTxPktsAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 48 Mbps rate.

### **monStaTxBytesAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 48 Mbps rate.

### **monStaTxPktsAt54Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 54 Mbps rate.

### **monStaTxBytesAt54Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 54 Mbps rate.

### **monStaRxPktsAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 1 Mbps rate.

## **monStaRxBytesAt1Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 1 Mbps rate.

## **monStaRxPktsAt2Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 2 Mbps rate.

## **monStaRxBytesAt2Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 2 Mbps rate.

## **monStaRxPktsAt5Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 5 Mbps rate.

## **monStaRxBytesAt5Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 5 Mbps rate.

## **monStaRxPktsAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 11 Mbps rate.

## **monStaRxBytesAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 11 Mbps rate.

## **monStaRxPktsAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 6 Mbps rate.

## **monStaRxBytesAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 6 Mbps rate.

## **monStaRxPktsAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 12 Mbps rate.

## **monStaRxBytesAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 12 Mbps rate.

## **monStaRxPktsAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 18 Mbps rate.

## **monStaRxBytesAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 18 Mbps rate.

## **monStaRxPktsAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 24 Mbps rate.

## **monStaRxBytesAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 24 Mbps rate.



### **monStaRxPktsAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 36 Mbps rate.

### **monStaRxBytesAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 36 Mbps rate.

### **monStaRxPktsAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 48 Mbps rate.

### **monStaRxBytesAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 48 Mbps rate.

### **monStaRxPktsAt54Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 54 Mbps rate.

### **monStaRxBytesAt54Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 54 Mbps rate.

### **monStaTxPktsAt9Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station at 9 Mbps rate.

### **monStaTxBytesAt9Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets transmitted by the station at 9 Mbps rate.

### **monStaRxPktsAt9Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station at 9 Mbps rate.

## monStaRxBytesAt9Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of octets received by the station at 9 Mbps rate.

## wlsxMonStaDATypeStatsTable

The objects of the wlsx Monitor Station DA Type Statistics table provide station statistics sorted by Destination Address (DA) types.

**Table 51** *MonStaDATypeStatsTable OIDs*

Object	Object ID	
wlsxMonStaDATypeStatsEntry	1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1	wlsxMonStaDATypeStatsTable 1
monStaTxDABroadcastPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.1	wlsxMonStaDATypeStatsEntry 1
monStaTxDABroadcastBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.2	wlsxMonStaDATypeStatsEntry 2
monStaTxDAMulticastPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.3	wlsxMonStaDATypeStatsEntry 3
monStaTxDAMulticastBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.4	wlsxMonStaDATypeStatsEntry 4
monStaTxDAUnicastPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.5	wlsxMonStaDATypeStatsEntry 5
monStaTxDAUnicastBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.6	wlsxMonStaDATypeStatsEntry 6

## wlsxMonStaDATypeStatsEntry

<b>Syntax</b>	wlsxMonStaDATypeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Data rate-based packet and byte count entry for a monitored station.
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredStaPhyAddress }

## monStaTxDABroadcastPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of broadcast packets transmitted by this station.

## **monStaTxDABroadcastBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of broadcast bytes transmitted by this station.

## **monStaTxDAMulticastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of multicast packets transmitted by this station.

## **monStaTxDAMulticastBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of multicast bytes transmitted by this station.

## **monStaTxDAUnicastPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total of unicast packets transmitted by this station.

## **monStaTxDAUnicastBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total of unicast bytes transmitted by this station.

## wlsxMonStaFrameTypeStatsTable

The objects of the wlsx Monitor Station Frame Type Statistics table provide packet and byte counts for monitored stations. The information is sorted by frame type.

**Table 52** *MonStaFrameTypeStatsTable OIDs*

Object	Object ID	
wlsxMonStaFrameTypeStatsEntry	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1	wlsxMonStaFrameTypeStatsTable 1
monStaTxMgmtPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.1	wlsxMonStaFrameTypeStatsTable 1
monStaTxMgmtBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.2	wlsxMonStaFrameTypeStatsTable 2
monStaTxCtrlPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.3	wlsxMonStaFrameTypeStatsTable 3
monStaTxCtrlBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.4	wlsxMonStaFrameTypeStatsTable 4
monStaTxDataPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.5	wlsxMonStaFrameTypeStatsTable 5
monStaTxDataBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.6	wlsxMonStaFrameTypeStatsTable 6
monStaRxMgmtPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.7	wlsxMonStaFrameTypeStatsTable 7
monStaRxMgmtBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.8	wlsxMonStaFrameTypeStatsTable 8
monStaRxCtrlPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.9	wlsxMonStaFrameTypeStatsTable 9
monStaRxCtrlBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.10	wlsxMonStaFrameTypeStatsTable 10
monStaRxDataPkts	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.11	wlsxMonStaFrameTypeStatsTable 11
monStaRxDataBytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.12	wlsxMonStaFrameTypeStatsTable 12

### wlsxMonStaFrameTypeStatsEntry

<b>Syntax</b>	wlsxMonStaFrameTypeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Frame type-based packet and byte count entry for a monitored station.
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredStaPhyAddress }

### monStaTxMgmtPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the transmitted management packets from a station.

## **monStaTxMgmtBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the transmitted management bytes from a station.

## **monStaTxCtrlPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the transmitted control packets from a station.

## **monStaTxCtrlBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the transmitted control bytes from a station.

## **monStaTxDataPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the transmitted data packets from a station.

## **monStaTxDataBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the transmitted data bytes observed from this station.

## **monStaRxMgmtPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of received management packets at a station.

## **monStaRxMgmtBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of received management bytes at a station.

## **monStaRxCtrlPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of received control packets at a station.

## **monStaRxCtrlBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of received control bytes at a station.

## **monStaRxDataPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of received data packets at a station.

## monStaRxDataBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of received data bytes at a station.

## wlsxMonStaPktSizeStatsTable

The objects of the wlsx Monitor Station Packet Size Statistics table provide packet and byte counts for monitored stations. The information is sorted by packet sizes.

**Table 53** *wlsxMonStaPktSizeStatsTable OIDs*

Object	Object ID	
wlsxMonStaPktSizeStatsEntry	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1	wlsxMonStaPktSizeStatsTable 1
monStaTxPkts63Bytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.1	wlsxMonStaPktSizeStatsEntry1
monStaTxPkts64To127	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.2	wlsxMonStaPktSizeStatsEntry2
monStaTxPkts128To255	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.3	wlsxMonStaPktSizeStatsEntry3
monStaTxPkts256To511	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.4	wlsxMonStaPktSizeStatsEntry4
monStaTxPkts512To1023	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.5	wlsxMonStaPktSizeStatsEntry5
monStaTxPkts1024To1518	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.6	wlsxMonStaPktSizeStatsEntry6
monStaRxPkts63Bytes	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.7	wlsxMonStaPktSizeStatsEntry7
monStaRxPkts64To127	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.8	wlsxMonStaPktSizeStatsEntry8
monStaRxPkts128To255	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.9	wlsxMonStaPktSizeStatsEntry9
monStaRxPkts256To511	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.10	wlsxMonStaPktSizeStatsEntry10
monStaRxPkts512To1023	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.11	wlsxMonStaPktSizeStatsEntry11
monStaRxPkts1024To1518	1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.12	wlsxMonStaPktSizeStatsEntry12

## wlsxMonStaPktSizeStatsEntry

<b>Syntax</b>	wlsxMonStaPktSizeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Packet size-based packet count entry for a monitored station.
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredStaPhyAddress }



## **monStaTxPkts63Bytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station that were less than 64 bytes long.

## **monStaTxPkts64To127**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station that were between 64 and 127 bytes long.

## **monStaTxPkts128To255**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station that were between 128 and 255 bytes long.

## **monStaTxPkts256To511**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station that were between 256 and 511 bytes long.

## **monStaTxPkts512To1023**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station that were between 512 and 1023 bytes long.

## **monStaTxPkts1024To1518**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets transmitted by the station that were between 1024 and 1518 bytes long.

## **monStaRxPkts63Bytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station that were less than 64 bytes long.

## **monStaRxPkts64To127**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station that were between 64 and 127 bytes long.

## **monStaRxPkts128To255**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station that were between 128 and 255 bytes long.

## **monStaRxPkts256To511**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station that were between 256 and 511 bytes long.

## monStaRxPkts512To1023

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station that were between 512 and 1023 bytes long.

## monStaRxPkts1024To1518

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the number of packets received by the station that were between 1024 and 1518 bytes long.

## wlsxMonAPIInfoTable

The objects of the wlsx Monitor AP Information table list the Access Points being monitored by the controller.

**Table 54** *wlsxMonAPIInfoTable OIDs*

Object	Object ID	
wlsxMonAPIInfoEntry	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1	wlsxMonAPIInfoTable 1
monAPIInfoPhyType	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.1	wlsxMonAPIInfoEntry 1
monAPIInfoCurrentChannel	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.2	wlsxMonAPIInfoEntry 2
monAPIInfoClassification	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.3	wlsxMonAPIInfoEntry 3
monAPIInfoESSID	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.4	wlsxMonAPIInfoEntry 4
monAPIInfoRSSI	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.5	wlsxMonAPIInfoEntry 5
monAPIInfoMonitorTime	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.6	wlsxMonAPIInfoEntry 6
monAPIInfoInactivityTime	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.7	wlsxMonAPIInfoEntry 7
monAPIInfoSnrSignalPkts	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.8	wlsxMonAPIInfoEntry 8
monAPIInfoSnrSampleTime	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.9	wlsxMonAPIInfoEntry 9
monAPIInfoStatus	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.10	wlsxMonAPIInfoEntry 10
monAPIInfoConfidence	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.11	wlsxMonAPIInfoEntry 11
monAPIInfoMatchType	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.12	wlsxMonAPIInfoEntry 12
monAPIInfoMatchMethod	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.13	wlsxMonAPIInfoEntry 13
monAPIInfoHTMode	1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.14	wlsxMonAPIInfoEntry 14

## **wlsxMonAPIInfoEntry**

<b>Syntax</b>	wlsxMonAPIInfoEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Access Point Info entry
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredApBSSID }

## **monAPIInfoPhyType**

<b>Syntax</b>	ArubaPhyType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	PHY type of the monitored access point.

## **monAPIInfoCurrentChannel**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Channel the monitored access point is using.

## **monAPIInfoClassification**

<b>Syntax</b>	ArubaRogueApType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the type of the access point.

## **monAPIInfoESSID**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	ESSID of the monitored access point.

## **monAPIInfoRSSI**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	SNR of the monitored access point.

## **monAPIInfoMonitorTime**

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates how long the access point has been monitored.

## **monAPIInfoInactivityTime**

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates how long the access point has been inactive.

## **monAPIInfoSnrSignalPkts**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of signal packets observed by the monitoring access point during this sample time.

## **monAPIInfoSnrSampleTime**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The sample time in which SNR data was collected.

## monAPIInfoStatus

<b>Syntax</b>	Integer up(1) down(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether this access point is considered to be up or down.

## monAPIInfoConfidence

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates the confidence that a suspected rogue access point is in fact a rogue in terms of percentage.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## monAPIInfoMatchType

<b>Syntax</b>	ArubaAPMatchType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The method used to classify the access point as a rogue or suspected rogue AP.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## monAPIInfoMatchMethod

<b>Syntax</b>	ArubaAPMatchMethod
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates how the match occurred for rogue or suspect-rogue classification— an exact or +1 or -1 MAC match.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## monAPIInfoHTMode

<b>Syntax</b>	ArubaHTMode
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates the HT mode of the monitored AP, if any.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlsxMonStationInfoTable

The objects of the wlsx Monitor Station Information table provide statistics of all the wireless stations that are monitored.

**Table 55** *wlsxMonStationInfoTable OIDs*

Object	Object ID	Object ID
wlsxMonStationInfoEntry	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1	wlsxMonStationInfoTable 1
monStaInfoChannelNummonStaInfoBSSID	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.1	MonStationInfoEntry 1
monStaInfoChannelNummonStaInfoBSSID	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.2	MonStationInfoEntry 2
monStaInfoESSID	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.3	MonStationInfoEntry 3
monStaInfoPhyType	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.4	MonStationInfoEntry 4
monStaInfoRSSI	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.5	MonStationInfoEntry 5
monStaInfoClassification	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.6	MonStationInfoEntry 6
monStaInfoMonitorTime	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.7	MonStationInfoEntry 7
monStaInfoInactivityTime	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.8	MonStationInfoEntry 8
monStaInfoSnrSignalPkts	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.9	MonStationInfoEntry 9
monStaInfoSnrSampleTime	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.10	MonStationInfoEntry 10
monStaInfoStatus	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.11	MonStationInfoEntry 11
monStaInfoHTMode	1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.12	MonStationInfoEntry 12

## wlsxMonStationInfoEntry

<b>Syntax</b>	MonStationInfoEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station entry information.
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredStaPhyAddress }

## **monStalInfoChannelNummonStalInfoBSSID**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The channel the station is currently using.
<b>History</b>	Updated in ArubaOS 3.1—description.

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	BSSID of the monitored station.
<b>History</b>	Updated in ArubaOS 3.1—description.

## **monStalInfoESSID**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	ESSID of the monitored station.
<b>History</b>	Updated in ArubaOS 3.1—description.

## **monStalInfoPhyType**

<b>Syntax</b>	ArubaPhyType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	PHY type of the monitored station.
<b>History</b>	Updated in ArubaOS 3.1—description.



## **monStalInfoRSSI**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	SNR of the monitored station.
<b>History</b>	Updated in ArubaOS 3.1—description.

## **monStalInfoClassification**

<b>Syntax</b>	ArubaStationType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Classification of the monitored station.

## **monStalInfoMonitorTime**

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates how long the station has been monitored.
<b>History</b>	Updated in ArubaOS 3.1—description.

## **monStalInfoInactivityTime**

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates how long the station has been inactive.
<b>History</b>	Updated in ArubaOS 3.1—description.

## **monStalInfoSnrSignalPkts**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of signal packets observed by the monitoring station during this sample time.
<b>History</b>	Updated in ArubaOS 3.1—description.

## **monStalInfoSnrSampleTime**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The sample time in which SNR data was collected.

## **monStalInfoStatus**

<b>Syntax</b>	Integer up(1) down(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether this station is considered up or down.

## **monStalInfoHTMode**

<b>Syntax</b>	ArubaHTMode
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates the HT mode of the station, if any.
<b>History</b>	Added in ArubasOS 3.3.0.0.

## wlsxMonEventCountTable

The objects of the wlsx Monitor Event Count table provide the event ID and the number of events of the event type.

**Table 56** *wlsxMonEventCountTable OIDs*

Object	Object ID	
wlsxMonEventCountEntry	1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1	wlsxMonEventCountTable 1
monEventID	1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1.1	wlsxMonEventCountEntry 1
monEventCount	1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1.2	wlsxMonEventCountEntry 2

### wlsxMonEventCountEntry

<b>Syntax</b>	MonEventCountEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Event count entry.
<b>Index</b>	{ monEventID }
<b>History</b>	Added in ArubaOS 3.1.0.0.

### monEventID

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Event ID.
<b>History</b>	Added in ArubaOS 3.1.0.0.

### monEventCount

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Event count.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxMonStationHTRateStatsTable

This table contains all the monitored AP Packet and Byte Counts but represented in terms of HT rate categories.

**Table 57** *wlsxMonStationHTRateStatsTable OIDs*

Object	Object ID	
<a href="#">wlsxMonStationHTRateStatsEntry</a>	1.3.6.1.4.1.14823.2.2.1.6.6.1.6.2.7	wlsxMonStationHTRateStatsTable 1
<a href="#">monStaTxHTPkts</a>	1.3.6.1.4.1.14823.2.2.1.6.6.1.6.2.7.1	wlsxMonStationHTRateStatsEntry 1
<a href="#">monStaTxHTBytes</a>	1.3.6.1.4.1.14823.2.2.1.6.6.1.6.2.7.2	wlsxMonStationHTRateStatsEntry 2
<a href="#">monStaRxHTPkts</a>	1.3.6.1.4.1.14823.2.2.1.6.6.1.6.2.7.3	wlsxMonStationHTRateStatsEntry 3
<a href="#">monStaRxHTBytes</a>	1.3.6.1.4.1.14823.2.2.1.6.6.1.6.2.7.3	wlsxMonStationHTRateStatsEntry 4

### wlsxMonStationHTRateStatsEntry

<b>Syntax</b>	WlsxMonStationHTRateStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	HT Data rate based packet and byte count entry for a monitored station
<b>Index</b>	{ monPhyAddress, monRadioNumber, monitoredStaPhyAddress, monHTRate }
<b>History</b>	Added in ArubaOS 3.3.0.0.

### monStaTxHTPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets transmitted at the indicated rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

### monStaTxHTBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes transmitted at the indicated rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **monStaRxHTPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets received at the indicated rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **monStaRxHTBytes**

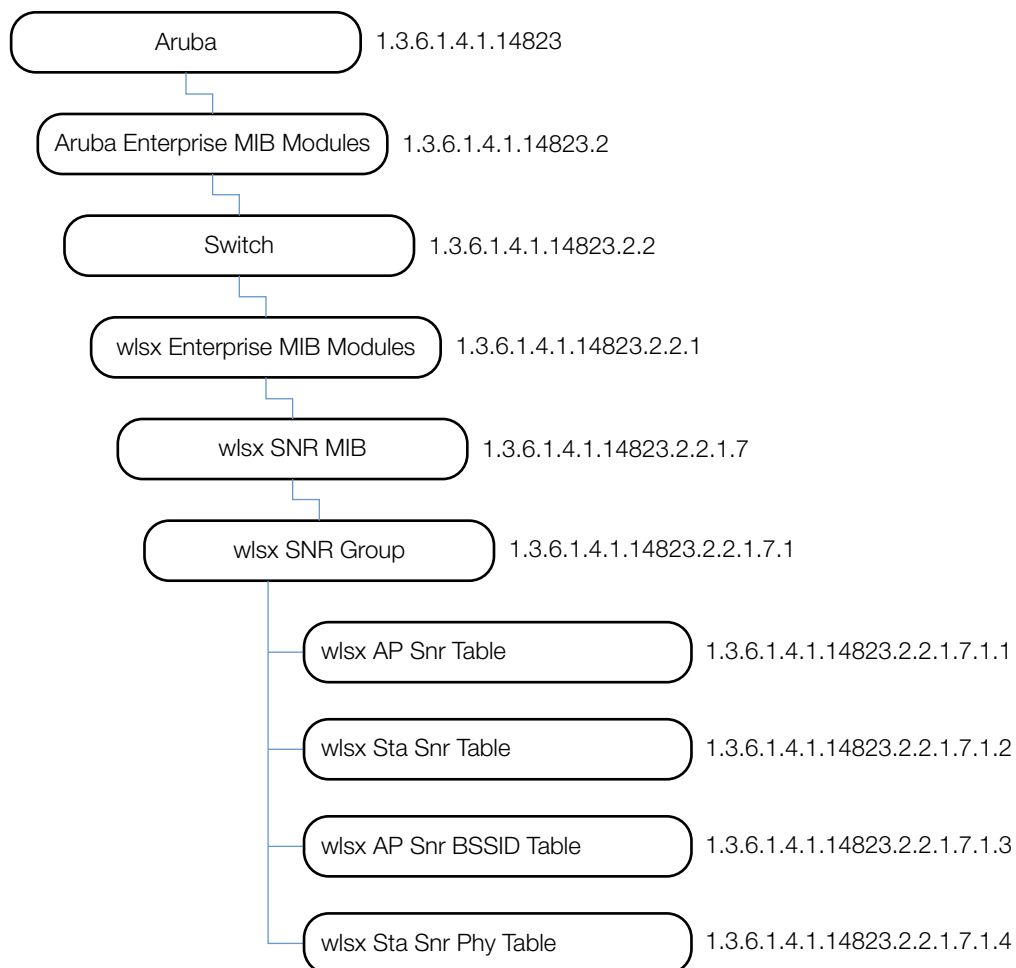
<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes received at the indicated rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.



The Signal Noise Ratio (SNR) module provides information about signal quality and packets. One value of SNR is the signal quality during a sample period. The signal quality affects the quality of the transmitted packets. The available SNR values include signal strength (total, maximum, minimum). Additional information is the number of packets that were transmitted during the sample time.

Figure 12 shows the architecture of the SNR MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The SNR MIBs are listed in the file *aruba-snr.my*. For information about downloading Dell MIB files, see “[Downloading MIB Files](#)” on page 23.

**Figure 12** SNR Hierarchy



The SNR MIB contains the following tables. The objects of each table are described in the following sections.

**Table 58** *SNR Tables*

Table	Description
<a href="#">wlsxAPSnrTable</a>	This table lists SNR information about monitored APs.
<a href="#">wlsxStaSnrTable</a>	This table lists SNR information about monitored stations.
<a href="#">wlsxAPSnrBSSIDTable</a>	This table lists SNR information about monitored access points.
<a href="#">wlsxStaSnrPhyTable</a>	This table lists SNR information about monitored stations.

## wlsxAPSnrTable

The objects of the wlsx AP SNR table provide signal information about the access points connected to this controller.

**Table 59** *wlsxAPSnrTable OIDs*

Object	Object ID	
<a href="#">wlsxAPSnrEntry</a>	1.3.6.1.4.1.14823.2.2.1.7.1.1.1	wlsxAPSnrTable 1
<a href="#">apSnrAverageSignalStrength</a>	1.3.6.1.4.1.14823.2.2.1.7.1.1.1.1	wlsxAPSnrEntry 1
<a href="#">apSnrSignalPkts</a>	1.3.6.1.4.1.14823.2.2.1.7.1.1.1.2	wlsxAPSnrEntry 2
<a href="#">apSnrHighestRxSignalStrength</a>	1.3.6.1.4.1.14823.2.2.1.7.1.1.1.3	wlsxAPSnrEntry 3
<a href="#">apSnrLowestRxSignalStrength</a>	1.3.6.1.4.1.14823.2.2.1.7.1.1.1.4	wlsxAPSnrEntry 4
<a href="#">apSnrSampleTime</a>	1.3.6.1.4.1.14823.2.2.1.7.1.1.1.5	wlsxAPSnrEntry 5



## wlsxAPSnrEntry

<b>Syntax</b>	wlsxAPSnrEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station management entry.
<b>Index</b>	{monPhyAddress, monRadioNumber, monitoredApBSSID}

## apSnrAverageSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total signal strength observed by the monitoring station during this sample time.

## apSnrSignalPkts

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of signal packets observed by the monitoring station during this sample time.

## apSnrHighestRxSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The highest signal strength observed by the monitoring station during this sample time.

## apSnrLowestRxSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The lowest signal strength observed by the monitoring station during this sample time.

## apSnrSampleTime

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The sample time in which this data is collected.

## wlsxStaSnrTable

The objects of the station SNR table provide signal information about the access points connected to this controller.

**Table 60** *wlsxStaSnrTable OIDs*

Object	Object ID	
wlsxAPSnrEntry	1.3.6.1.4.1.14823.2.2.1.7.1.2.1	wlsxStaSnrTable 1
apSnrAverageSignalStrength	1.3.6.1.4.1.14823.2.2.1.7.1.2.1.1	wlsxStaSnrEntry 1
apSnrSignalPkts	1.3.6.1.4.1.14823.2.2.1.7.1.2.1.2	wlsxStaSnrEntry 2
apSnrHighestRxSignalStrength	1.3.6.1.4.1.14823.2.2.1.7.1.2.1.3	wlsxStaSnrEntry 3
apSnrLowestRxSignalStrength	1.3.6.1.4.1.14823.2.2.1.7.1.2.1.4	wlsxStaSnrEntry 4
apSnrSampleTime	1.3.6.1.4.1.14823.2.2.1.7.1.2.1.5	wlsxStaSnrEntry 5

## wlsxStaSnrEntry

<b>Syntax</b>	wlsxStaSnrEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station management entry.
<b>Index</b>	{monPhyAddress, monRadioNumber, monitoredStaPhyAddress}

## staSnrAverageSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total signal strength observed by the monitoring station during this sample time.

## staSnrSignalPkts

<b>Syntax</b>	Integer32
---------------	-----------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of signal packets observed by the monitoring station during this sample time.

### staSnrHighestRxSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The highest signal strength observed by the monitoring station during this sample time.

### staSnrLowestRxSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The lowest signal strength observed by the monitoring station during this sample time.

### staSnrSampleTime

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The sample time in which this data is collected.

## wlsxAPSnrBSSIDTable

The objects of the wlsx Access Point SNR BSSID table provide signal information about the monitored access points.

**Table 61** *wlsxAPSnrBSSIDTable*

Object	Object ID	
<a href="#">wlsxAPSnrBSSIDEntry</a>	1.3.6.1.4.1.14823.2.2.1.7.1.3.1	wlsxAPSnrBSSIDTable 1
<a href="#">apSnrBSSIDAverageSignalStrength</a>	1.3.6.1.4.1.14823.2.2.1.7.1.3.1.1	wlsxAPSnrBSSIDEntry 1
<a href="#">apSnrBSSIDSignalPkts</a>	1.3.6.1.4.1.14823.2.2.1.7.1.3.1.2	wlsxAPSnrBSSIDEntry 2
<a href="#">apSnrBSSIDHighestRxSignalStrength</a>	1.3.6.1.4.1.14823.2.2.1.7.1.3.1.3	wlsxAPSnrBSSIDEntry 3
<a href="#">apSnrBSSIDLowestRxSignalStrength</a>	1.3.6.1.4.1.14823.2.2.1.7.1.3.1.4	wlsxAPSnrBSSIDEntry 4
<a href="#">apSnrBSSIDSampleTime</a>	1.3.6.1.4.1.14823.2.2.1.7.1.3.1.5	wlsxAPSnrBSSIDEntry 5

## wlsxAPSnrBSSIDEntry

<b>Syntax</b>	wlsxAPSnrBSSIDEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station management entry.
<b>Index</b>	{monitoredApBSSID, monPhyAddress, monRadioNumber}

## apSnrBSSIDAverageSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total signal strength observed by the monitoring station during this sample time.

## apSnrBSSIDSignalPkts

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of signal packets observed by the monitoring station during this sample time.

## apSnrBSSIDHighestRxSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The highest signal strength observed by the monitoring station during this sample time.

## apSnrBSSIDLowestRxSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The lowest signal strength observed by the monitoring station during this sample time.

## apSnrBSSIDSampleTime

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The sample time in which this data is collected.

## wlsxStaSnrPhyTable

The objects of the wlsx Station SNR PHY table provide information of the monitored stations.

**Table 62** *wlsxStaSnrPhyTable OIDs*

Object	Object ID	
<a href="#">wlsxStaSnrPhyEntry</a>	1.3.6.1.4.1.14823.2.2.1.7.1.4.1	wlsxStaSnrPhyTable 1
<a href="#">staSnrPhyAverageSignalStrength</a>	1.3.6.1.4.1.14823.2.2.1.7.1.4.1.1	wlsxStaSnrPhyEntry 1
<a href="#">staSnrPhySignalPkts</a>	1.3.6.1.4.1.14823.2.2.1.7.1.4.1.2	wlsxStaSnrPhyEntry 2
<a href="#">staSnrPhyHighestRxSignalStrength</a>	1.3.6.1.4.1.14823.2.2.1.7.1.4.1.3	wlsxStaSnrPhyEntry 3
<a href="#">staSnrPhyLowestRxSignalStrength</a>	1.3.6.1.4.1.14823.2.2.1.7.1.4.1.4	wlsxStaSnrPhyEntry 4
<a href="#">staSnrPhySampleTime</a>	1.3.6.1.4.1.14823.2.2.1.7.1.4.1.5	wlsxStaSnrPhyEntry 5

## wlsxStaSnrPhyEntry

<b>Syntax</b>	wlsxStaSnrPhyEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station management entry.
<b>Index</b>	{monitoredStaPhyAddress, monPhyAddress, monRadioNumber}

## staSnrPhyAverageSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total signal strength observed by the monitoring station during this sample time.

## staSnrPhySignalPkts

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of signal packets observed by the monitoring station during this sample time.

## staSnrPhyHighestRxSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The highest signal strength observed by the monitoring station during this sample time.

## staSnrPhyLowestRxSignalStrength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The lowest signal strength observed by the monitoring station during this sample time.

## **staSnrPhySampleTime**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The sample time in which this data is collected.

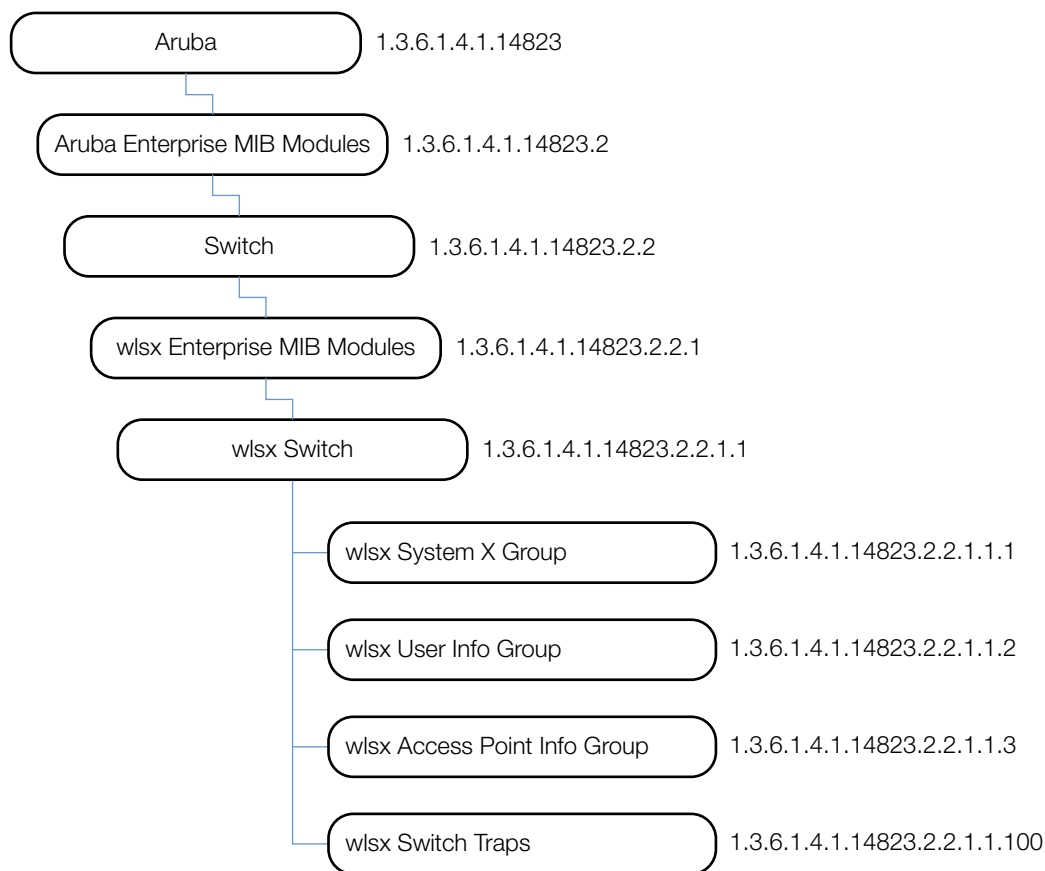




The Switch module provides statistical information about Dell controllers, including storage and memory utilization, and the wireless stations associated with the access points.

Figure 13 shows the architecture of the Switch MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Switch MIBs are listed in the file aruba-switch.my. For information about downloading Dell MIB files, see “[Downloading MIB Files](#)” on page 23.

**Figure 13** *Switch Hierarchy*



The Switch MIB contains the following groups and tables. The objects of each table are described in the following sections.

**Table 63** *System X Group MIB Objects*

Tables	
<a href="#">wlsxSystemXGroup</a>	This group lists information that describes a switch, such as the IP of the switch, and the licenses that are applied to that switch
<a href="#">wlsxSwitchListTable</a>	This table lists the switches in the domain.

**Table 63** System X Group MIB Objects (Continued)

Tables	
<a href="#">wlsxSwitchLicenseTable</a>	This table lists all valid licenses installed on the switch.
<a href="#">wlsxSysXProcessorTable</a>	This table lists all the processors and the corresponding load.
<a href="#">wlsxSysXStorageTable</a>	This table lists the storage devices in the switch and their utilization numbers.
<a href="#">wlsxSysXMemoryTable</a>	This table lists the memory utilization of the switch.
<a href="#">wlsxSwitchUserTable</a>	This table lists all the users (both wired and wireless) connected to the switch. Users are identified by their IP address.
<a href="#">wlsxSwitchUser6Table</a>	This table lists all the users (both wired and wireless) connected to the switch. Users are identified by their IP address. The objects support IPv6.
<a href="#">wlsxSwitchStationMgmtTable</a>	This table lists the wireless stations associated with the access points connected to this switch.
<a href="#">wlsxSwitchStationStatsTable</a>	This table lists the statistics of the wireless stations associated with the access points connected to this switch. The stats are indexed by the Station MAC and the AP BSSID.
<a href="#">wlsxAccessPointInfoGroup</a>	This group lists all the access points and stations that are associated with a switch.
<a href="#">wlsxSwitchAccessPointTable</a>	This table lists the access points connected to this switch.
<a href="#">wlsxSwitchGlobalAPTable</a>	This table lists the access points connected in the switch domain. This table is only valid on a master switch. On a local switch, the table is empty.
<a href="#">wlsxSwitchAccessPointStatsTable</a>	This table lists the statistics of all the access points connected to this switch.
<a href="#">wlsxSwitchTraps Group</a>	This table lists the traps related to the switch platform.
<a href="#">Switch Traps–Notifications</a>	This table lists the switch traps.
<a href="#">Platform Traps</a>	This table lists the platform traps.

## wlsxSystemXGroup

The objects of the wlsx System X Group provided information that describes a switch, such as the IP of the switch, and the licenses that are applied to that switch.

**Table 64** wlsxSystemXGroup OIDs

Object	Object ID	
<a href="#">wlsxHostname</a>	1.3.6.1.4.1.14823.2.2.1.1.1.1	wlsxSystemXGroup 1
<a href="#">wlsxModelName</a>	1.3.6.1.4.1.14823.2.2.1.1.1.2	wlsxSystemXGroup 2
<a href="#">wlsxSwitchIp</a>	1.3.6.1.4.1.14823.2.2.1.1.1.3	wlsxSystemXGroup 3
<a href="#">wlsxSwitchRole</a>	1.3.6.1.4.1.14823.2.2.1.1.1.4	wlsxSystemXGroup 4
<a href="#">wlsxSwitchMasterIp</a>	1.3.6.1.4.1.14823.2.2.1.1.1.5	wlsxSystemXGroup 5

## **wlsxHostname**

<b>Syntax</b>	DisplayString (Size(1..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the switch.

## **wlsxModelName**

<b>Syntax</b>	DisplayString (Size(1..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Model name of the switch.

## **wlsxSwitchIp**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Switch IP as configured by the user. This IP address uniquely identifies the switch.

## **wlsxSwitchRole**

<b>Syntax</b>	Integer master(1) local(2) standbymaster(3)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Role of this switch in the switch domain.

## **wlsxSwitchMasterIp**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Master IP of the switch

## wlsxSwitchListTable

The objects of the wlsx Switch List table list the switches in the domain.



---

**Note:** This table is only populated on the master switch—information can only be queried from the master switch. If a local switch is queried, an empty table will be returned.

---

**Table 65** *wlsxSwitchListTable OIDs*

Object	Object ID	
wlsxSwitchListEntry	1.3.6.1.4.1.14823.2.2.1.1.1.6.1	wlsxSwitchListTable 1
switchListSwitchIPAddress	1.3.6.1.4.1.14823.2.2.1.1.1.6.1.1	wlsxSwitchListEntry 1
switchListSwitchRole	1.3.6.1.4.1.14823.2.2.1.1.1.6.1.2	wlsxSwitchListEntry 2
wlsxSwitchLicenseCount	1.3.6.1.4.1.14823.2.2.1.1.1.6.1.2.3	wlsxSwitchListEntry 3

## wlsxSwitchListEntry

<b>Syntax</b>	MxSwitchListEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Switch List Entry.
<b>Index</b>	{ switchListSwitchIPAddress }

## switchListSwitchIPAddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	P Address of the switch.

## switchListSwitchRole

<b>Syntax</b>	Integer master(1) local(2) standbymaster(3)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Role of the switch.

## wlsxSwitchLicenseCount

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of licenses installed on the switch.

## wlsxSwitchLicenseTable

The objects of the wlsx Switch License table list all valid licenses installed on the switch.

**Table 66** *wlsxSwitchLicenseTable OIDs*

Object	Object ID	
wlsxLicenseEntry	1.3.6.1.4.1.14823.2.2.1.1.1.8.1	wlsxSwitchLicenseTable 1

**Table 66** *wlsxSwitchLicenseTable OIDs (Continued)*

<b>Object</b>	<b>Object ID</b>	
<a href="#">licenseIndex</a>	1.3.6.1.4.1.14823.2.2.1.1.1.8.1.1	wlsxLicenseEntry 1
<a href="#">licenseKey</a>	1.3.6.1.4.1.14823.2.2.1.1.1.8.1.2	wlsxLicenseEntry 2
<a href="#">licenseInstalled</a>	1.3.6.1.4.1.14823.2.2.1.1.1.8.1.3	wlsxLicenseEntry 3
<a href="#">licenseExpires</a>	1.3.6.1.4.1.14823.2.2.1.1.1.8.1.4	wlsxLicenseEntry 4
<a href="#">licenseFlags</a>	1.3.6.1.4.1.14823.2.2.1.1.1.8.1.5	wlsxLicenseEntry 5
<a href="#">licenseService</a>	1.3.6.1.4.1.14823.2.2.1.1.1.8.1.6	wlsxLicenseEntry 6

## wlsxLicenseEntry

<b>Syntax</b>	LicenseEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	License Entry.
<b>Index</b>	{ licenseIndex }

## licenseIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	License ID number.

## licenseKey

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	License Key.

## licenseInstalled

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	License installation time.

## licenseExpires

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	License expiry time.

## licenseFlags

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	License flags E – enabled A – auto-generated R – reboot required to activate

## licenseService

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The service enabled by this license.

## wlsxSysXProcessorTable

The objects of the wlsx Sys XProcessor table list all the processors and the corresponding load.

**Table 67** *wlsxSysXProcessorTable OIDs*

Object	Object ID	
<a href="#">wlsxSysXProcessorEntry</a>	1.3.6.1.4.1.14823.2.2.1.1.1.9.1	wlsxSysXProcessorTable 1
<a href="#">sysXProcessorID</a>	1.3.6.1.4.1.14823.2.2.1.1.1.9.1.1	wlsxSysXProcessorEntry 1
<a href="#">sysXProcessorDescr</a>	1.3.6.1.4.1.14823.2.2.1.1.1.9.1.2	wlsxSysXProcessorEntry 2
<a href="#">sysXProcessorLoad</a>	1.3.6.1.4.1.14823.2.2.1.1.1.9.1.3	wlsxSysXProcessorEntry 3



## wlsxSysXProcessorEntry

<b>Syntax</b>	wlsxSysXProcessorEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one processor contained by the switch.
<b>History</b>	Added in ArubaOS 2.3.

## sysXProcessorID

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Processor Index.
<b>History</b>	Added in ArubaOS 2.3.

## sysXProcessorDescr

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Description of the processor.
<b>History</b>	Added in ArubaOS 2.3.

## sysXProcessorLoad

<b>Syntax</b>	Integer32 (0..100)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The average, over the last minute, of the percentage of time that this processor was not idle.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysXStorageTable

The objects of the wlsx Sys XStorage table list the storage devices in the switch.

**Table 68** *wlsxSysXStorageTable OIDs*

Object	Object ID	
wlsxSysXStorageEntry	1.3.6.1.4.1.14823.2.2.1.1.1.10.1	wlsxSysXStorageTable 1
sysXStorageIndex	1.3.6.1.4.1.14823.2.2.1.1.1.10.1.1	wlsxSysXStorageEntry 1
sysXStorageType	1.3.6.1.4.1.14823.2.2.1.1.1.10.1.2	wlsxSysXStorageEntry 2
sysXStorageSize	1.3.6.1.4.1.14823.2.2.1.1.1.10.1.3	wlsxSysXStorageEntry 3
sysXStorageUsed	1.3.6.1.4.1.14823.2.2.1.1.1.10.1.4	wlsxSysXStorageEntry 4
sysXStorageName	1.3.6.1.4.1.14823.2.2.1.1.1.10.1.5	wlsxSysXStorageEntry 5

## wlsxSysXStorageEntry

<b>Syntax</b>	wlsxSysXStorageEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one long-term storage device contained by the switch.
<b>History</b>	Added in ArubaOS 2.3.

## sysXStorageIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The storage index.
<b>History</b>	Added in ArubaOS 2.3.

## sysXStorageType

<b>Syntax</b>	Integer ram(1) flashMemory(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The storage type is indicated by <i>Syntax</i> .
<b>History</b>	Added in ArubaOS 2.3.

## sysXStorageSize

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The size of the storage file system in MB.
<b>History</b>	Added in ArubaOS 2.3.

## sysXStorageUsed

<b>Syntax</b>	Integer32
---------------	-----------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The size of the storage file system in MB.
<b>History</b>	Added in ArubaOS 2.3.

## sysXStorageName

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The name of the storage file system.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysXMemoryTable

The objects of the wlsx Sys XMemory table describes the memory utilization of the switch.

**Table 69** *wlsxSysXMemoryTable OIDs*

Object	Object ID	
<a href="#">wlsxSysXMemoryEntry</a>	1.3.6.1.4.1.14823.2.2.1.1.1.11.1	wlsxSysXMemoryTable 1
<a href="#">ysysXMemoryIndex</a>	1.3.6.1.4.1.14823.2.2.1.1.1.11.1.1	wlsxSysXMemoryEntry 1
<a href="#">sysXMemorySize</a>	1.3.6.1.4.1.14823.2.2.1.1.1.11.1.2	wlsxSysXMemoryEntry 2
<a href="#">sysXMemoryUsed</a>	1.3.6.1.4.1.14823.2.2.1.1.1.11.1.3	wlsxSysXMemoryEntry 3
<a href="#">sysXMemoryFree</a>	1.3.6.1.4.1.14823.2.2.1.1.1.11.1.4	wlsxSysXMemoryEntry 4
<a href="#">wlsxSwitchLicenseSerialNumber</a>	1.3.6.1.4.1.14823.2.2.1.1.1.12	wlsxSystemXGroup 12

## **wlsxSysXMemoryEntry**

<b>Syntax</b>	WlsxSysXMemoryEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one memory region on the switch. Currently, only the CP region is monitored.
<b>History</b>	Added in ArubaOS 2.3.

## **ysysXMemoryIndex**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Memory index.
<b>History</b>	Added in ArubaOS 2.3.

## **sysXMemorySize**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total memory in KB.
<b>History</b>	Added in ArubaOS 2.3.

## **sysXMemoryUsed**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Used memory in KB.
<b>History</b>	Added in ArubaOS 2.3.

## **sysXMemoryFree**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Free memory in KB.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSwitchLicenseSerialNumber

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The license serial number of the switch.

## wlsxSwitchUserTable

The objects of the wlsx Switch User table list all the users (wired and wireless) that are connected to the switch. Users are identified by their IP addresses.

**Table 70** *wlsxSwitchUserTable OIDs*

Object	Object ID	
wlsxSwitchUserEntry	1.3.6.1.4.1.14823.2.2.1.1.2.1.1	MxSwitchMxSwitchUserTable 1
userIpAddress	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.1	MxSwitchUserEntry 1
userPhyAddress	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.2	MxSwitchUserEntry 2
userName	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.3	MxSwitchUserEntry 3
userRole	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.4	MxSwitchUserEntry 4
userUpTime	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.5	MxSwitchUserEntry 5
userAuthenticationMethod	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.6	MxSwitchUserEntry 6
userLocation	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.7	MxSwitchUserEntry 7
userServerName	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.8	MxSwitchUserEntry 8
userConnectedVLAN	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.9	MxSwitchUserEntry 9
userConnectedSlot	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.10	MxSwitchUserEntry 10
userConnectedPort	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.11	MxSwitchUserEntry 11
userBWContractName	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.12	MxSwitchUserEntry 12
userBWContractUsage	1.3.6.1.4.1.14823.2.2.1.1.2.1.1.13	MxSwitchUserEntry 13

## wlsxSwitchUserEntry

<b>Syntax</b>	MxSwitchUserEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User entry.
<b>Index</b>	{ userIpAddress }

## userIpAddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	IP address from which the user connected to the switch.

## userPhyAddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Physical address of the station from which the user connected to the switch.

## userName

<b>Syntax</b>	DisplayString(Size(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the user.

## userRole

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The role configured for this user.

## userUpTime

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time since the user was connected to the switch.

## userAuthenticationMethod

<b>Syntax</b>	Integer none(1) other(2) web(3) dot1x(4) vpn(5) mac(6)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Authentication mechanism used by the user to connect to the switch.

## userLocation

<b>Syntax</b>	DisplayString(Size(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Location of the access point (in Building.Floor... format), which the user used to connect to the switch.

## userServerName

<b>Syntax</b>	DisplayString(Size(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the back-end authentication server, used to authenticate the user.

## userConnectedVLAN

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current



**Description**

VLAN on which the user is connected to the switch.

## userConnectedSlot

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Slot on switch where the user connection terminates.

## userConnectedPort

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Port on switch where the user connection terminates.

## userBWContractName

<b>Syntax</b>	DisplayString(Size(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the bandwidth contract applied to this user.

## userBWContractUsage

<b>Syntax</b>	Integer user(1) shared(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates how the bandwidth contract is used.

## wlsxSwitchUser6Table

This Table lists all the users (both wired and wireless) currently connected to the switch. Users are identified by their IP address.

**Table 71** *wlsxSwitchUser6Table OIDs*

Object	Object ID
<a href="#">wlsxSwitchUser6Entry</a>	wlsxSwitchUser6Table 1
<a href="#">user6IpAddress</a>	wlsxSwitchUser6Entry 1

**Table 71** *wlsxSwitchUser6Table OIDs (Continued)*

Object	Object ID	
user6PhyAddress		wlsxSwitchUser6Entry 2
user6Name		wlsxSwitchUser6Entry 3
user6Role		wlsxSwitchUser6Entry 4
user6UpTime		wlsxSwitchUser6Entry 5
user6AuthenticationMethod		wlsxSwitchUser6Entry 6
user6Location		wlsxSwitchUser6Entry 7
user6ServerName		wlsxSwitchUser6Entry 8
user6ConnectedVlan		wlsxSwitchUser6Entry 9
user6ConnectedSlot		wlsxSwitchUser6Entry 10
user6ConnectedPort		wlsxSwitchUser6Entry 11
user6BWContractName		wlsxSwitchUser6Entry 12
user6BWContractUsage		wlsxSwitchUser6Entry 13

## wlsxSwitchUser6Entry

<b>Syntax</b>	wlsxSwitchUser6Entry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User Entr
<b>Index</b>	{ user6IpAddress }
<b>History</b>	Added in ArubaOS 3.3.0.0.

## user6IpAddress

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	IPv6 Address from which the user connected to the switch.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## user6PhyAddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Physical Address of the station from which the user connected to the switch.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## user6Name

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## user6Role

<b>Syntax</b>	DisplayString(SIZE(0..64))
---------------	----------------------------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The Role configured for this user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## user6UpTime

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time since the user is connected to the switch.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## user6AuthenticationMethod

<b>Syntax</b>	Integer none(1) other(2) web(3) dot1x(4) vpn(5) mac(6)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Authentication mechanism used by the user to connect to the switch.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## user6Location

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Location of the access point (in Building.Floor.... format), which the user used to connect to the switch.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## user6ServerName

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the Back-end authentication server, used to authenticate the user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **user6ConnectedVlan**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Vlan on which the user is connected to the switch.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **user6ConnectedSlot**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Slot on switch, where the user connection terminates.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **user6ConnectedPort**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Port on switch, where the user connection terminates.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **user6BWContractName**

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the Bandwidth Contract applied to this user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **user6BWContractUsage**

<b>Syntax</b>	Integer user(1) shared(2)
---------------	---------------------------------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates how the Bandwidth Contract is used.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlsxSwitchStationMgmtTable

The objects of the wlsx Switch Station Management table provide information about the wireless stations associated with the access points connected to this switch.

**Table 72** *wlsxSwitchStationMgmtTable OIDs*

Object	Object ID	
wlsxSwitchStationMgmtEntry	1.3.6.1.4.1.14823.2.2.1.1.2.2.1	wlsxSwitchStationMgmtTable 1
staPhyAddress	1.3.6.1.4.1.14823.2.2.1.1.2.2.1.1	wlsxSwitchStationMgmtEntry 1
staAccessPointBSSID	1.3.6.1.4.1.14823.2.2.1.1.2.2.1.2	wlsxSwitchStationMgmtEntry 2
staUserName	1.3.6.1.4.1.14823.2.2.1.1.2.2.1.3	wlsxSwitchStationMgmtEntry 3
staUserRole	1.3.6.1.4.1.14823.2.2.1.1.2.2.1.4	wlsxSwitchStationMgmtEntry 4
staAssociationID	1.3.6.1.4.1.14823.2.2.1.1.2.2.1.5	wlsxSwitchStationMgmtEntry 5
staAccessPointESSID	1.3.6.1.4.1.14823.2.2.1.1.2.2.1.6	wlsxSwitchStationMgmtEntry 6
staSignalToNoiseRatio	1.3.6.1.4.1.14823.2.2.1.1.2.2.1.7	wlsxSwitchStationMgmtEntry 7
staTransmitRate	1.3.6.1.4.1.14823.2.2.1.1.2.2.1.8	wlsxSwitchStationMgmtEntry 8
staReceiveRate	1.3.6.1.4.1.14823.2.2.1.1.2.2.1.9	wlsxSwitchStationMgmtEntry 9



## wlsxSwitchStationMgmtEntry

<b>Syntax</b>	MxSwitchStationMgmtEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station management entry.
<b>Index</b>	{ staPhyAddress, staAccessPointBSSID }

## staPhyAddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The physical address of the station.

## staAccessPointBSSID

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	BSSID of the access point through which the station is connected to the switch.

## staUserName

<b>Syntax</b>	DisplayString(Size(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the user connecting from this station.

## staUserRole

<b>Syntax</b>	DisplayString(Size(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	User role.

## staAssociationID

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Association ID with which the station is associated with this system.

## staAccessPointESSID

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	ESSID of the access point.

## staSignalToNoiseRatio

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	SNR for the BSSID.

## staTransmitRate

<b>Syntax</b>	Integer rate1Mbps(1) rate2Mbps(2) rate5point5Mbps(3) rate6Mbps(4) rate9Mbps(5) rate11Mbps(6) rate12Mbps(7) rate18Mbps(8) rate24Mbps(9) rate36Mbps(10) rate48Mbps(11) rate54Mbps(12)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmit rate of the channel.

## staReceiveRate

<b>Syntax</b>	Integer rate1Mbps(1) rate2Mbps(2) rate5point5Mbps(3) rate6Mbps(4) rate9Mbps(5) rate11Mbps(6) rate12Mbps(7) rate18Mbps(8) rate24Mbps(9) rate36Mbps(10) rate48Mbps(11) rate54Mbps(12)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The receive rate of the channel.

## wlsxSwitchStationStatsTable

The objects of the wlsx Switch Station Stats table provide information about the statistics of the wireless stations associated with the access points connected to this switch. The statistics are indexed by the Station MAC and the AP BSSID.

**Table 73** *wlsxSwitchStationStatsTable OIDs*

Object	Object ID	
<a href="#">wlsxSwitchStationStatsEntry</a>	1.3.6.1.4.1.14823.2.2.1.1.2.3.1	wlsxSwitchStationStatsTable 1
<a href="#">staTxPackets</a>	1.3.6.1.4.1.14823.2.2.1.1.2.3.1.1	wlsxSwitchStationStatsEntry 1
<a href="#">staTxBytes</a>	1.3.6.1.4.1.14823.2.2.1.1.2.3.1.2	wlsxSwitchStationStatsEntry 2
<a href="#">staRxPackets</a>	1.3.6.1.4.1.14823.2.2.1.1.2.3.1.3	wlsxSwitchStationStatsEntry 3
<a href="#">staRxBytes</a>	1.3.6.1.4.1.14823.2.2.1.1.2.3.1.4	wlsxSwitchStationStatsEntry 4
<a href="#">staBwRate</a>	1.3.6.1.4.1.14823.2.2.1.1.2.3.1.5	wlsxSwitchStationStatsEntry 5
<a href="#">staFrameRetryRate</a>	1.3.6.1.4.1.14823.2.2.1.1.2.3.1.6	wlsxSwitchStationStatsEntry 6
<a href="#">staFrameLowSpeedRate</a>	1.3.6.1.4.1.14823.2.2.1.1.2.3.1.7	wlsxSwitchStationStatsEntry 7
<a href="#">staFrameNonUnicastRate</a>	1.3.6.1.4.1.14823.2.2.1.1.2.3.1.8	wlsxSwitchStationStatsEntry 8
<a href="#">staFrameFragmentationRate</a>	1.3.6.1.4.1.14823.2.2.1.1.2.3.1.9	wlsxSwitchStationStatsEntry 9
<a href="#">staFrameReceiveErrorRate</a>	1.3.6.1.4.1.14823.2.2.1.1.2.3.1.10	wlsxSwitchStationStatsEntry 10

## wlswSwitchStationStatsEntry

<b>Syntax</b>	MxSwitchStationStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station statistics entry.
<b>Index</b>	{ staPhyAddress, staAccessPointBSSID }

## staTxPackets

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total packets transmitted by the station.

## staTxBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total bytes transmitted by the station.

## staRxPackets

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total packets received by the station.

## staRxBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total bytes received by the station.

## **staBwRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Bandwidth rate in Kbps of the station.

## **staFrameRetryRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame retry rate.

## **staFrameLowSpeedRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame low speed rate.

## **staFrameNonUnicastRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame non-unicast packet rate.

## **staFrameFragmentationRate**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame fragmentation rate.

## **staFrameReceiveErrorRate**

<b>Syntax</b>	Integer32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Station frame receive error rate.

## wlsxAccessPointInfoGroup

The wlsx Access Point Info group contains tables that provide access point information.

**Table 74** *wlsxAccessPointInfoGroup OIDs*

Object	Object ID	
<a href="#">wlsxSwitchTotalNumAccessPoints</a>	1.3.6.1.4.1.14823.2.2.1.1.3.1.	wlsxAccessPointInfoGroup 2
<a href="#">wlsxSwitchTotalNumStationsAssociated</a>	1.3.6.1.4.1.14823.2.2.1.1.3.2	wlsxAccessPointInfoGroup 2

### wlsxSwitchTotalNumAccessPoints

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of access points connected to this switch.

### wlsxSwitchTotalNumStationsAssociated

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of stations associated to this switch.

## wlsxSwitchAccessPointTable

The objects of the wlsx Switch Access Point table list the access points connected to this switch.

**Table 75** *wlsxSwitchAccessPointTable OIDs*

Object	Object ID	
<a href="#">wlsxSwitchAccessPointEntry</a>	1.3.6.1.4.1.14823.2.2.1.1.3.3.1	wlsxSwitchAccessPointTable 1
<a href="#">apBSSID</a>	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.1	wlsxSwitchAccessPointEntry 1
<a href="#">apESSID</a>	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.2	wlsxSwitchAccessPointEntry 2
<a href="#">apSlot</a>	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.3	wlsxSwitchAccessPointEntry 3
<a href="#">apPort</a>	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.4	wlsxSwitchAccessPointEntry 4
<a href="#">apIpAddress</a>	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.5	wlsxSwitchAccessPointEntry 5

**Table 75** *wlsxSwitchAccessPointTable OIDs (Continued)*

Object	Object ID	
apPhyType	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.6	wlsxSwitchAccessPointEntry 6
apType	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.7	wlsxSwitchAccessPointEntry 7
apCurrentChannel	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.8	wlsxSwitchAccessPointEntry 8
apLocation	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.9	wlsxSwitchAccessPointEntry 9
apTotalTime	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.10	wlsxSwitchAccessPointEntry 10
apInactiveTime	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.11	wlsxSwitchAccessPointEntry 11
apLoadBalancing	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.12	wlsxSwitchAccessPointEntry 12
apChannelNoise	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.13	wlsxSwitchAccessPointEntry 13
apSignalToNoiseRatio	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.14	wlsxSwitchAccessPointEntry 14
apTransmitRate	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.15	wlsxSwitchAccessPointEntry 15
apReceiveRate	1.3.6.1.4.1.14823.2.2.1.1.3.3.1.16	wlsxSwitchAccessPointEntry 16

## wlswSwitchAccessPointEntry

<b>Syntax</b>	MxSwitchAccessPointEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station management entry.
<b>Index</b>	{ apBSSID }

## apBSSID

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The physical address of the access point.

## apESSID

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	ESSID of the access point.

## apSlot

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Slot to which the access point is connected.

## apPort

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Port to which the access point is connected.



## apIpAddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Address of the access point.

## apPhyType

<b>Syntax</b>	Integer dot11a(1) dot11b(2) dot11g(3)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Physical layer protocol support of the access point.

## apType

<b>Syntax</b>	Integer ap(1) am(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether the access point is an air monitor or an access point.

## apCurrentChannel

<b>Syntax</b>	Integer(1..165)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The current operating frequency channel.

## apLocation

<b>Syntax</b>	DisplayString(Size(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Location of the access point defined in building floor mode.

## apTotalTime

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time since the access point was connected to the switch.

## apInactiveTime

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time since the access point has been inactive.

## apLoadBalancing

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether load balancing is enabled or not.

## apChannelNoise

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates the noise on the channel.

## apSignalToNoiseRatio

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	SNR for the BSSID.

## apTransmitRate

<b>Syntax</b>	Integer rate1Mbps(1) rate2Mbps(2) rate5point5Mbps(3) rate6Mbps(4) rate9Mbps(5) rate11Mbps(6) rate12Mbps(7) rate18Mbps(8) rate24Mbps(9) rate36Mbps(10) rate48Mbps(11) rate54Mbps(12)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates transmit rate of the channel.

## apReceiveRate

<b>Syntax</b>	Integer rate1Mbps(1) rate2Mbps(2) rate5point5Mbps(3) rate6Mbps(4) rate9Mbps(5) rate11Mbps(6) rate12Mbps(7) rate18Mbps(8) rate24Mbps(9) rate36Mbps(10) rate48Mbps(11) rate54Mbps(12)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates receive rate of the channel.

## wlsxSwitchGlobalAPTTable

The objects of the wlsx Switch Global APT table list the access points connected in the switch domain.



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**Note:** This table is only valid only on a master switch—only the tables of the master switch are populated. On a local switch, the table is empty.

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**Table 76** *wlsxSwitchGlobalAPTable OIDs*

Object	Object ID	
wlsxSwitchGlobalAPEntry	1.3.6.1.4.1.14823.2.2.1.1.3.4.1	wlsxSwitchGlobalAPTable 1
globalAPLocation	1.3.6.1.4.1.14823.2.2.1.1.3.4.1.1	wlsxSwitchGlobalAPEntry 1
globalAPAddress	1.3.6.1.4.1.14823.2.2.1.1.3.4.1.2	wlsxSwitchGlobalAPEntry 2
globalAPLocalSwitch	1.3.6.1.4.1.14823.2.2.1.1.3.4.1.3	wlsxSwitchGlobalAPEntry 3
globalAPdot11aPhyAddr	1.3.6.1.4.1.14823.2.2.1.1.3.4.1.4	wlsxSwitchGlobalAPEntry 4
globalAPdot11bPhyAddr	1.3.6.1.4.1.14823.2.2.1.1.3.4.1.5	wlsxSwitchGlobalAPEntry 5
tvglobalAPState	1.3.6.1.4.1.14823.2.2.1.1.3.4.1.6	wlsxSwitchGlobalAPEntry 6
globalAPdot11gPhyAddr	1.3.6.1.4.1.14823.2.2.1.1.3.4.1.7	wlsxSwitchGlobalAPEntry 7

## wlsxSwitchGlobalAPEntry

<b>Syntax</b>	MxSwitchGlobalAPEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station Management Entry.
<b>Index</b>	{ globalAPLocation, globalAPAddress }

## globalAPLocation

<b>Syntax</b>	DisplayString(Size(0..32))
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Physical location of the AP, defined in building.floor.location format.

## globalAPAddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Address of the access point.

## globalAPLocalSwitch

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	IP address of the local switch this access point is connected to.

## globalAPdot11aPhyAddr

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Physical MAC address of the module supporting dot11a in the access point. AP can have support for both dot11a and dot11b physical layer.

## globalAPdot11bPhyAddr

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Physical MAC address of the module supporting dot11b in the access point. AP can have support for both dot11a and dot11b physical layer.

## tvglobalAPState

<b>Syntax</b>	Integer(1..7)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Values are deprecated. State of the AP—1-AP is <i>UP</i> , 2 -AP is <i>DOWN</i>

## globalAPdot11gPhyAddr

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Physical MAC address of the module supporting dot11g in the access point. AP can have support for a,b,g physical layers.

## wlsxSwitchAccessPointStatsTable

The objects of the wlsx Switch Access Points table lists the statistics of all access points connected to this switch.

**Table 77** wlsxSwitchAccessPointStatsTable OIDs

Object	Object ID	
wlsxSwitchAccessPointStatsEntry	1.3.6.1.4.1.14823.2.2.1.1.3.5.1	wlsxSwitchAccessPointStatsTable 1
apStatsChannel	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.1	wlsxSwitchAccessPointStatsEntry 1
apChannelBwRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.2	wlsxSwitchAccessPointStatsEntry 2
apChannelFrameRetryRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.3	wlsxSwitchAccessPointStatsEntry 3
apChannelFrameLowSpeedRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.4	wlsxSwitchAccessPointStatsEntry 4
apChannelFrameNonUnicastRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.5	wlsxSwitchAccessPointStatsEntry 5
apChannelFrameFragmentationRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.6	wlsxSwitchAccessPointStatsEntry 6
apChannelFrameReceiveErrorRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.7	wlsxSwitchAccessPointStatsEntry 7
apBSSTxPackets	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.8	wlsxSwitchAccessPointStatsEntry 8

**Table 77** *wlsxSwitchAccessPointStatsTable OIDs (Continued)*

Object	Object ID	
apBSSTxBytes	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.9	wlsxSwitchAccessPointStatsEntry 9
apBSSRxPackets	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.10	wlsxSwitchAccessPointStatsEntry 10
apBSSRxBytes	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.11	wlsxSwitchAccessPointStatsEntry 11
apBSSBwRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.12	wlsxSwitchAccessPointStatsEntry 12
apBSSFrameRetryRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.13	wlsxSwitchAccessPointStatsEntry 13
apBSSFrameLowSpeedRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.14	wlsxSwitchAccessPointStatsEntry 14
apBSSFrameNonUnicastRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.15	wlsxSwitchAccessPointStatsEntry 15
apBSSFrameFragmentationRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.16	wlsxSwitchAccessPointStatsEntry 16
apBSSFrameReceiveErrorRate	1.3.6.1.4.1.14823.2.2.1.1.3.5.1.17	wlsxSwitchAccessPointStatsEntry 17

## wlswSwitchAccessPointStatsEntry

<b>Syntax</b>	MxSwitchAccessPointStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Access point stats entry.
<b>Index</b>	{ apBSSID }

## apStatsChannel

<b>Syntax</b>	Integer(1..165)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Channel on which the access point is operating.

## apChannelBwRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Bandwidth rate in Kbps of the access point channel.

## apChannelFrameRetryRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Access point channel frame retry rate.

## apChannelFrameLowSpeedRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Access point channel frame low speed rate.



## apChannelFrameNonUnicastRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Access point channel frame non-unicast packet rate.

## apChannelFrameFragmentationRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Access point channel frame fragmentation rate.

## apChannelFrameReceiveErrorRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Access point channel frame receive error rate.

## apBSSTxPackets

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total packets transmitted by the access point on this BSSID.

## apBSSTxBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total bytes transmitted by the access point on this BSSID.

## apBSSRxPackets

<b>Syntax</b>	Counter32
---------------	-----------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total packets received by the access point on this BSSID.

## apBSSRxBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total bytes received by the access point on this BSSID.

## apBSSBwRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Bandwidth rate in Kbps of the access point on this BSSID.

## apBSSFrameRetryRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Frame retry rate on this BSSID.

## apBSSFrameLowSpeedRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Frame low speed rate on this BSSID.

## apBSSFrameNonUnicastRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Frame non-unicast packet rate on this BSSID.

## apBSSFrameFragmentationRate

<b>Syntax</b>	Integer32
---------------	-----------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Frame fragmentation rate on this BSSID.

## apBSSFrameReceiveErrorRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Frame receive error rate on this BSSID.

## wlsxSwitchTraps Group

The objects of the wlsx Switch Traps group define the objects (variables) that may be returned with a trap listed in the switch traps (see [Table 79 on page 277](#)).

**Table 78** *wlsxSwitchTraps OIDs*

Object	Object ID	
wlsxAuthServerName	1.3.6.1.4.1.14823.2.2.1.1.100.100.1	wlsxSwitchTrapObjectsGroup 1
wlsxAuthServerTimeout	1.3.6.1.4.1.14823.2.2.1.1.100.100.2	wlsxSwitchTrapObjectsGroup 2
wlsxFanNumber	1.3.6.1.4.1.14823.2.2.1.1.100.100.4	wlsxSwitchTrapObjectsGroup 4
wlsxLineCardNumber	1.3.6.1.4.1.14823.2.2.1.1.100.100.5	wlsxSwitchTrapObjectsGroup 5
wlsxVoltageType	1.3.6.1.4.1.14823.2.2.1.1.100.100.6	wlsxSwitchTrapObjectsGroup 6
wlsxVoltageValue	1.3.6.1.4.1.14823.2.2.1.1.100.100.7	wlsxSwitchTrapObjectsGroup 7
wlsxTemperatureValue	1.3.6.1.4.1.14823.2.2.1.1.100.100.8	wlsxSwitchTrapObjectsGroup 8
wlsxProcessName	1.3.6.1.4.1.14823.2.2.1.1.100.100.9	wlsxSwitchTrapObjectsGroup 9
wlsxStationMacAddress	1.3.6.1.4.1.14823.2.2.1.1.100.100.10	wlsxSwitchTrapObjectsGroup 10
wlsxStationBlackListReason	1.3.6.1.4.1.14823.2.2.1.1.100.100.11	wlsxSwitchTrapObjectsGroup 11
wlsxSpoofedIpAddress	1.3.6.1.4.1.14823.2.2.1.1.100.100.12	wlsxSwitchTrapObjectsGroup 12
wlsxSpoofedOldPhyAddress	1.3.6.1.4.1.14823.2.2.1.1.100.100.13	wlsxSwitchTrapObjectsGroup 13
wlsxSpoofedNewPhyAddress	1.3.6.1.4.1.14823.2.2.1.1.100.100.14	wlsxSwitchTrapObjectsGroup 14
wlsxDBName	1.3.6.1.4.1.14823.2.2.1.1.100.100.15	wlsxSwitchTrapObjectsGroup 15
wlsxDBUserName	1.3.6.1.4.1.14823.2.2.1.1.100.100.16	wlsxSwitchTrapObjectsGroup 16
wlsxDBIpAddress	1.3.6.1.4.1.14823.2.2.1.1.100.100.17	wlsxSwitchTrapObjectsGroup 17
wlsxDBType	1.3.6.1.4.1.14823.2.2.1.1.100.100.18	wlsxSwitchTrapObjectsGroup 18
wlsxVrID	1.3.6.1.4.1.14823.2.2.1.1.100.100.19	wlsxSwitchTrapObjectsGroup 19
wlsxVrMasterIp	1.3.6.1.4.1.14823.2.2.1.1.100.100.20	wlsxSwitchTrapObjectsGroup 20
wlsxVrrpOperState	1.3.6.1.4.1.14823.2.2.1.1.100.100.21	wlsxSwitchTrapObjectsGroup 21

**Table 78** *wlsxSwitchTraps OIDs (Continued)*

Object	Object ID	
<a href="#">wlsxApTxPower</a>	1.3.6.1.4.1.14823.2.2.1.1.100.100.22	wlsxSwitchTrapObjectsGroup 22
<a href="#">wlsxESIServerGrpName</a>	1.3.6.1.4.1.14823.2.2.1.1.100.100.23	wlsxSwitchTrapObjectsGroup 23
<a href="#">wlsxESIServerName</a>	1.3.6.1.4.1.14823.2.2.1.1.100.100.24	wlsxSwitchTrapObjectsGroup 24
<a href="#">wlsxESIServerIpaddress</a>	1.3.6.1.4.1.14823.2.2.1.1.100.100.25	wlsxSwitchTrapObjectsGroup 25
<a href="#">wlsxLicenseDaysRemaining</a>	1.3.6.1.4.1.14823.2.2.1.1.100.100.26	wlsxSwitchTrapObjectsGroup 26
<a href="#">wlsxSlotNumber</a>	1.3.6.1.4.1.14823.2.2.1.1.100.100.27	wlsxSwitchTrapObjectsGroup 27

## **wlsxAuthServerName**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the authentication server used for authentication.

## **wlsxAuthServerTimeout**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the authentication server timeout.

## **wlsxFanNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate a failing fan number.

## **wlsxLineCardNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate a line card in the switch.

## **wlsxVoltageType**

<b>Syntax</b>	DisplayString(Size(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the type of the voltage.

## **wlsxVoltageValue**

<b>Syntax</b>	DisplayString(Size(0..10))
---------------	----------------------------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the voltage value in float.

## wlsxTemperatureValue

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate temperature value.

## wlsxProcessName

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate a process name.

## wlsxStationMacAddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The physical address of the station.

## wlsxStationBlackListReason

<b>Syntax</b>	Integer userDefined(1) mitmAttack(2) authFailure(3) pingFlood(4) sessionFlood(5) synFlood(6) sessionBlacklist(7) ipSpoofing(8) other(100)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The reason why a station is black listed.

## wlsxSpoofedIpAddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only



<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify a spoofed IP address.

## **wlsxSpooferOldPhyAddress**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify a old MAC address.

## **wlsxSpooferNewPhyAddress**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify a new MAC address.

## **wlsxDBName**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify name of the database.

## **wlsxDBUserName**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify name of the database user.

## **wlsxDBIpAddress**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify the IP address of the DB.

## wlsxDBType

<b>Syntax</b>	Integer mssql(1) mysql(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify the port of the user.

## wlsxVrID

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object contains the virtual router identifier.

## wlsxVrMasterIp

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object contains the master IP address.

## wlsxVrrpOperState

<b>Syntax</b>	Integer initialize(1) backup(2) master(3)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object represents the VRRP operational state.

## wlsxApTxPower

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object contains the value of the AP transmit power.

## wlsxESIServerGrpName

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object represents the External Services Interface (ESI) Server Group name.

## wlsxESIServerName

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object represents the External Services Interface (ESI) Server name.

## wlsxESIServerIpaddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object represents the External Services Interface (ESI) Server IP address.

## wlsxLicenseDaysRemaining

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object represents number of the days remaining prior to a license expiry.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSlotNumber

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate a line card in the switch.This value matches the value of sysExtCardSlot.
<b>History</b>	Added in ArubaOS 2.3.

## Switch Traps–Notifications

Notification provides an acknowledge to the device that sent the trap message.

**Table 79** *Switch Trap Notification OIDs*

Object	Object OID	
wlsxSwitchIPChanged	1.3.6.1.4.1.14823.2.2.1.1.100.1001	wlsxSwitchTraps 1001
wlsxSwitchRoleChange	1.3.6.1.4.1.14823.2.2.1.1.100.1002	wlsxSwitchTraps 1002
wlsxUserEntryCreated	1.3.6.1.4.1.14823.2.2.1.1.100.1003	wlsxSwitchTraps 1003
wlsxUserEntryDeleted	1.3.6.1.4.1.14823.2.2.1.1.100.1004	wlsxSwitchTraps 1004
wlsxUserEntryAuthenticated	1.3.6.1.4.1.14823.2.2.1.1.100.1005	wlsxSwitchTraps 1005
wlsxUserEntryDeAuthenticated	1.3.6.1.4.1.14823.2.2.1.1.100.1006	wlsxSwitchTraps 1006
wlsxUserAuthenticationFailed	1.3.6.1.4.1.14823.2.2.1.1.100.1007	wlsxSwitchTraps 1007
wlsxAuthServerReqTimedOut	1.3.6.1.4.1.14823.2.2.1.1.100.1008	wlsxSwitchTraps 1008
wlsxAuthServerTimedOut	1.3.6.1.4.1.14823.2.2.1.1.100.1009	wlsxSwitchTraps 1009
wlsxAuthServerIsUp	1.3.6.1.4.1.14823.2.2.1.1.100.1010	wlsxSwitchTraps 1010
wlsxAuthMaxUserEntries	1.3.6.1.4.1.14823.2.2.1.1.100.1011	wlsxSwitchTraps 1011
wlsxAuthMaxAclEntries	1.3.6.1.4.1.14823.2.2.1.1.100.1012	wlsxSwitchTraps 1012
wlsxAuthMaxBWContracts	1.3.6.1.4.1.14823.2.2.1.1.100.1013	wlsxSwitchTraps 1013
wlsxPowerSupplyFailure	1.3.6.1.4.1.14823.2.2.1.1.100.1014	wlsxSwitchTraps 1014
wlsxFanFailure	1.3.6.1.4.1.14823.2.2.1.1.100.1015	wlsxSwitchTraps 1015
wlsxOutOfRangeVoltage	1.3.6.1.4.1.14823.2.2.1.1.100.1016	wlsxSwitchTraps 1016
wlsxOutOfRangeTemperature	1.3.6.1.4.1.14823.2.2.1.1.100.1017	wlsxSwitchTraps 1017
wlsxLCInserted	1.3.6.1.4.1.14823.2.2.1.1.100.1018	wlsxSwitchTraps 1018
wlsxSCInserted	1.3.6.1.4.1.14823.2.2.1.1.100.1019	wlsxSwitchTraps 1019
wlsxGBICInserted	1.3.6.1.4.1.14823.2.2.1.1.100.1020	wlsxSwitchTraps 1020
wlsxProcessDied	1.3.6.1.4.1.14823.2.2.1.1.100.1021	wlsxSwitchTraps 1021
wlsxProcessExceedsMemoryLimits	1.3.6.1.4.1.14823.2.2.1.1.100.1022	wlsxSwitchTraps 1022
wlsxLowOnFlashSpace	1.3.6.1.4.1.14823.2.2.1.1.100.1023	wlsxSwitchTraps 1023
wlsxLowMemory	1.3.6.1.4.1.14823.2.2.1.1.100.1024	wlsxSwitchTraps 1024
wlsxFanTrayRemoved	1.3.6.1.4.1.14823.2.2.1.1.100.1025	wlsxSwitchTraps 1025
wlsxLCRemoved	1.3.6.1.4.1.14823.2.2.1.1.100.1026	wlsxSwitchTraps 1026
wlsxLCRemoved	1.3.6.1.4.1.14823.2.2.1.1.100.1027	wlsxSwitchTraps 1027
wlsxSCRemoved	1.3.6.1.4.1.14823.2.2.1.1.100.1028	wlsxSwitchTraps 1028
wlsxPowerSupplyMissing	1.3.6.1.4.1.14823.2.2.1.1.100.1029	wlsxSwitchTraps 1029
wlsxAccessPointsUp	1.3.6.1.4.1.14823.2.2.1.1.100.1030	wlsxSwitchTraps 1030
wlsxAccessPointsDown	1.3.6.1.4.1.14823.2.2.1.1.100.1031	wlsxSwitchTraps 1031
wlsxCoverageHoleDetected	1.3.6.1.4.1.14823.2.2.1.1.100.1032	wlsxSwitchTraps 1032

**Table 79** *Switch Trap Notification OIDs (Continued)*

Object	Object OID	
wlsxChannelChanged	1.3.6.1.4.1.14823.2.2.1.1.100.1033	wlsxSwitchTraps 1033
wlsxStationAddedToBlackList	1.3.6.1.4.1.14823.2.2.1.1.100.1034	wlsxSwitchTraps 1034
wlsxStationRemovedFromBlackList	1.3.6.1.4.1.14823.2.2.1.1.100.1035	wlsxSwitchTraps 1035
wlsxIpSpoofingDetected	1.3.6.1.4.1.14823.2.2.1.1.100.1036	wlsxSwitchTraps 1036
wlsxDBCommunicationFailure	1.3.6.1.4.1.14823.2.2.1.1.100.1037	wlsxSwitchTraps 1037
wlsxVrrpStateChange	1.3.6.1.4.1.14823.2.2.1.1.100.1038	wlsxSwitchTraps 1038
wlsxAPRadioAttributesChanged	1.3.6.1.4.1.14823.2.2.1.1.100.1039	wlsxSwitchTraps 1039
wlsxESIServerUp	1.3.6.1.4.1.14823.2.2.1.1.100.1040	wlsxSwitchTraps 1040
wlsxESIServerDown	1.3.6.1.4.1.14823.2.2.1.1.100.1041	wlsxSwitchTraps 1041
wlsxLicenseExpiry	1.3.6.1.4.1.14823.2.2.1.1.100.1042	wlsxSwitchTraps 1042

## **wlsxSwitchIPChanged**

<b>Objects</b>	{ wlsxSwitchIp }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that the switch IP address has changed.

## **wlsxSwitchRoleChange**

<b>Objects</b>	{ wlsxSwitchRole }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that the role of the switch has changed in the domain—authentication traps.

## **wlsxUserEntryCreated**

<b>Objects</b>	{ userPhyAddress }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a new user is created.

## **wlsxUserEntryDeleted**

<b>Objects</b>	{ userPhyAddress }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a user is deleted.

## **wlsxUserEntryAuthenticated**

<b>Objects</b>	{ userPhyAddress, userName, userAuthenticationMethod, userRole }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a user is authenticated.

## **wlsxUserEntryDeAuthenticated**

<b>Objects</b>	{ userPhyAddress }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a user is deauthenticated.

## **wlsxUserAuthenticationFailed**

<b>Objects</b>	{ userPhyAddress }
----------------	--------------------

<b>Status</b>	current
<b>Description</b>	A trap which indicates that a user authentication has failed.



## **wlsxAuthServerReqTimedOut**

<b>Objects</b>	{ wlsxAuthServerName }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that the authentication server request timed out.

## **wlsxAuthServerTimedOut**

<b>Objects</b>	{ wlsxAuthServerName, wlsxAuthServerTimeout }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that the authentication server timed out.

## **wlsxAuthServerIsUp**

<b>Objects</b>	{ wlsxAuthServerName }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that the authentication server is up.

## **wlsxAuthMaxUserEntries**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that the user entries table is full and cannot add any more entries.

## **wlsxAuthMaxAclEntries**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that the ACL entries table is full and cannot add any more entries.

## **wlsxAuthMaxBWContracts**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that the switch reached the maximum number of configurable bandwidth contracts.

# **Platform Traps**

## **wlsxPowerSupplyFailure**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that the power supply has failed.

## **wlsxFanFailure**

<b>Objects</b>	{ wlsxFanNumber }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that the fan has failed.

## **wlsxOutOfRangeVoltage**

<b>Objects</b>	{ wlsxVoltageType, wlsxVoltageValue }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that the switch received out-of-range voltage.

## **wlsxOutOfRangeTemperature**

<b>Objects</b>	{ wlsxTemperatureValue }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that the temperature is out of bounds.

## **wlsxLCInserted**

<b>Objects</b>	{ wlsxLineCardNumber, wlsxSlotNumber }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a line card is inserted.

## **wlsxSCInserted**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that a supervisory card is inserted.

## **wlsxGBICInserted**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that a GBIC is inserted in a line card.

## **wlsxProcessDied**

<b>Objects</b>	{ wlsxProcessName }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a process has died.

## **wlsxProcessExceedsMemoryLimits**

<b>Objects</b>	{ wlsxProcessName }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a process is consuming large amounts of memory.

## **wlsxLowOnFlashSpace**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that the switch is running low on flash space.

## **wlsxLowMemory**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that the system free memory is low.

## **wlsxFanTrayRemoved**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that the fan tray is removed.

## **wlsxLCRemoved**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that the fan tray is removed.

**Objects** { wlsxLineCardNumber, wlsxSlotNumber }

<b>Status</b>	current
<b>Description</b>	A trap which indicates that a line card is removed.

## **wlsxSCRemoved**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that a supervisory card is removed.

## **wlsxPowerSupplyMissing**

<b>Status</b>	current
<b>Description</b>	A trap which indicates that the power supply is missing.

## wlsxAccessPointIsUp

<b>Objects</b>	{ apLocation, apIpAddress }
<b>Status</b>	current
<b>Description</b>	Access point up trap—a trap which indicates that an access point at location apLocation and address apIpAddress is up.

## wlsxAccessPointIsDown

<b>Objects</b>	{ apLocation, apIpAddress }
<b>Status</b>	current
<b>Description</b>	Access point down trap—a trap which indicates that an access point at location apLocation and address apIpAddress is down.

## wlsxCoverageHoleDetected

<b>Objects</b>	{ apLocation, apIpAddress, wlsxStationMacAddress }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that an access point at location apLocation and address apIpAddress has detected a coverage hole.

## wlsxChannelChanged

<b>Objects</b>	{ apLocation, apIpAddress, apCurrentChannel }
<b>Status</b>	deprecated
<b>Description</b>	A trap which indicates that an access point at location apLocation and address apIpAddress has changed the channel to apCurrentChannel.

## wlsxStationAddedToBlackList

<b>Objects</b>	{ wlsxStationMacAddress, wlsxStationBlackListReason }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a station with address wlsxStationMacAddress is black listed for wlsxStationBlackListReason reason.

## wlsxStationRemovedFromBlackList

<b>Objects</b>	{ wlsxStationMacAddress }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a station with address wlsxStationMacAddress is removed from black list.

## wlsxIpspoofingDetected

<b>Objects</b>	{ wlsxSpoofedIpAddress, wlsxSpoofedOldPhyAddress, wlsxSpoofedNewPhyAddress }
<b>Status</b>	current
<b>Description</b>	A trap indicating that the switch detected IP spoofing.

## wlsxDBCommunicationFailure

<b>Objects</b>	{ wlsxDBName, wlsxDBUserName, wlsxDBIpAddress, wlsxDBType }
<b>Status</b>	current
<b>Description</b>	A trap to indicate that communication with database failed.

## wlsxVrrpStateChange

<b>Objects</b>	{ wlsxVrID, wlsxVrMasterIp, wlsxVrrpOperState }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that VRRP state has changed on the switch.

## wlsxAPRadioAttributesChanged

<b>Objects</b>	{ apLocation, apIpAddress, apCurrentChannel, wlsxApTxPower }
<b>Status</b>	current
<b>Description</b>	A trap which indicates changes in the radio attributes of an access point at location apLocation and address apIpAddress. <ul style="list-style-type: none"><li>• Ap channel is apCurrentChannel</li><li>• Transmit power is apTxPower</li></ul>

## wlsxESIServerUp

<b>Objects</b>	{ wlsxESIServerGrpName, wlsxESIServerName, wlsxESIServerIpAddress }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a ESI server <wlsxESIServerName> in group <wlsxESIServerGrpName> with <wlsxESIServerIpAddress> is up.

## wlsxESIServerDown

<b>Objects</b>	{ wlsxESIServerGrpName, wlsxESIServerName, wlsxESIServerIpAddress }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a ESI server <wlsxESIServerName> in group <wlsxESIServerGrpName> with <wlsxESIServerIpAddress> is down.

## wlsxLicenseExpiry

<b>Objects</b>	{ wlsxLicenseDaysRemaining }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that one or more licenses on the switch will expire in <wlsxLicenseDaysRemaining> days.

## IPv6 Authentication Traps

### wlsxUser6EntryCreated

<b>Objects</b>	{ user6PhyAddress }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a New user is created.
<b>History</b>	Added in ArubaOS 3.3.0.0.

### wlsxUser6EntryDeleted

<b>Objects</b>	{ user6PhyAddress }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a user is deleted.
<b>History</b>	Added in ArubaOS 3.3.0.0.

### wlsxUser6EntryAuthenticated

<b>Objects</b>	{ user6PhyAddress, user6Name, user6AuthenticationMethod, user6Role }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a user is Authenticated.
<b>History</b>	Added in ArubaOS 3.3.0.0.

### wlsxUser6EntryDeAuthenticated

<b>Objects</b>	{ user6PhyAddress }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a user is Deauthenticated.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlsxUser6AuthenticationFailed

<b>Objects</b>	{ user6PhyAddress }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that a user authentication has failed.
<b>History</b>	Added in ArubaOS 3.3.0.0.

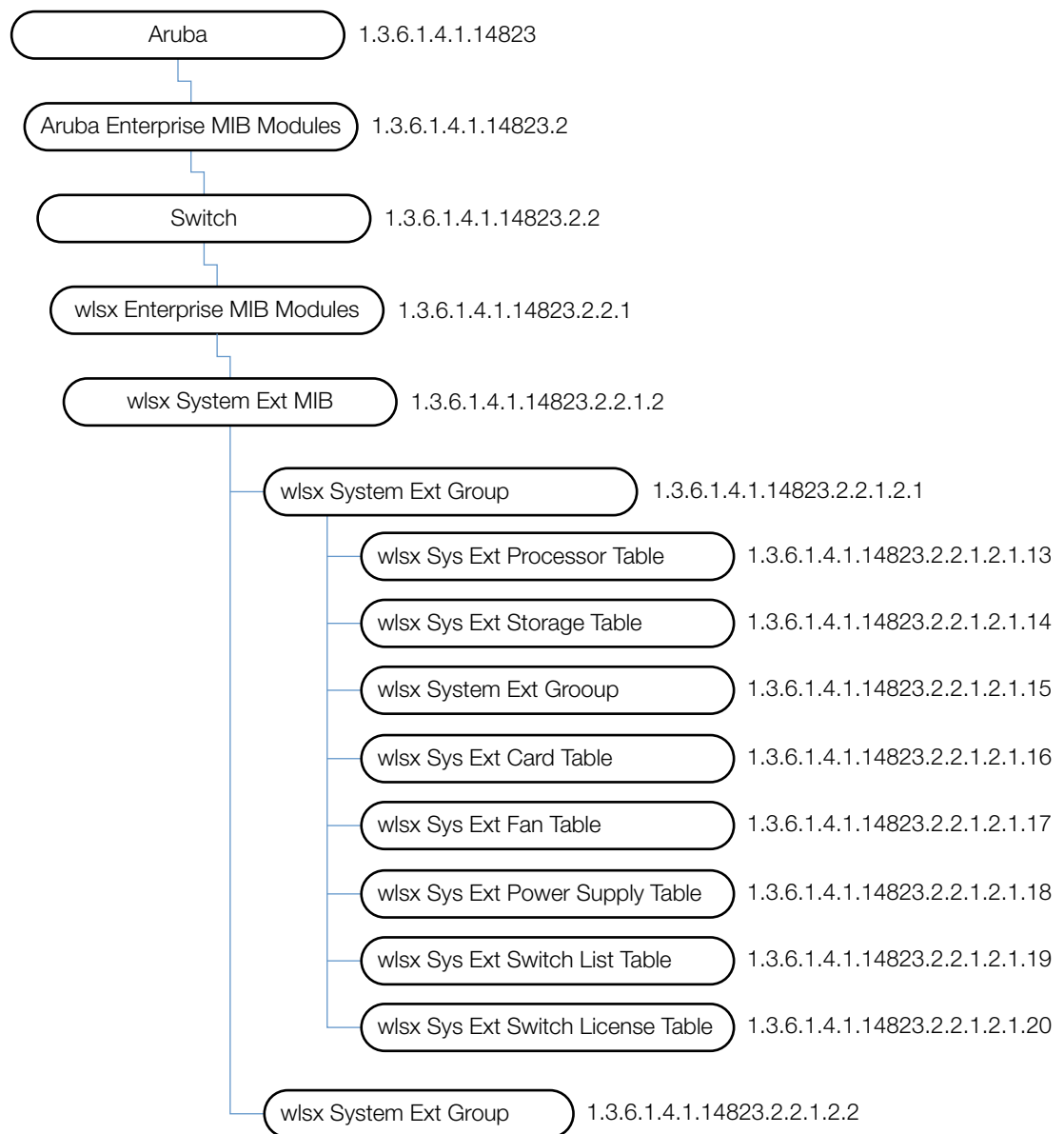




The System External module provides information about resource usages such as memory and CPU.

Figure 14 shows the architecture of the System External MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The System External MIBs are listed in the file *aruba-systemext.my*. For information about downloading Dell MIB files, see “[Downloading MIB Files](#)” on page 23.

**Figure 14** Stem Ext Hierarchy



The System EXT MIB contains the following tables. The objects of each table are described in the following sections.

**Table 80** System External Group Tables

Table	Description
<a href="#">wlsxSysExtProcessorTable</a>	The table of processors contained by the controller.
<a href="#">wlsxSysExtStorageTable</a>	The table of storage devices contained by the controller.
<a href="#">wlsxSysExtMemoryTable</a>	The memory status of the controller.
<a href="#">wlsxSysExtCardTable</a>	The table of hardware modules in the controller.
<a href="#">wlsxSysExtFanTable</a>	The table of all the fans in the controller.
<a href="#">wlsxSysExtPowerSupplyTable</a>	The table of power supplies in the controller.
<a href="#">wlsxSysExtSwitchListTable</a>	This table lists all the controllers in the Dell Domain. It is populated <i>only</i> on the master controller. Local controllers return empty tables.
<a href="#">wlsxSysExtSwitchLicenseTable</a>	This table lists all licenses installed on the controller.
<a href="#">wlsxSystemExtTableGenNumberGroup</a>	This group lists the modifications that occurred since the last reboot.

## wlsxSystemExtMIB

This MIB module defines MIB objects which provide system-level information about controllers.

### wlsxSysExtSwitchIp

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Switch IP as configured by the user. This IP address uniquely identifies the controller.
<b>History</b>	Added in ArubaOS 2.3.

### wlsxSysExtHostname

<b>Syntax</b>	DisplayString (Size(1..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the controller.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysExtModelName

<b>Syntax</b>	DisplayString (Size(1..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Model name of the controller.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysExtSwitchRole

<b>Syntax</b>	ArubaSwitchRole
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Role of this controller in the Dell Switch Domain.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysExtSwitchMasterIp

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Switch IP of the master controller.
<b>History</b>	Added in ArubaOS 2.3. Update in ArubaOS 3.2.0.0.—description.

## wlsxSysExtSwitchDate

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	System notion of the local date and time of day.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysExtSwitchBaseMacaddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	The base MAC address of the switch.
<b>History</b>	Added in ArubaOS 2.3.

## **wlsxSysExtFanTrayAssemblyNumber**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Assembly number of the fan tray.
<b>History</b>	Added in ArubaOS 2.3.

## **wlsxSysExtFanTraySerialNumber**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Serial number of the fan tray.
<b>History</b>	Added in ArubaOS 2.3.

## **wlsxSysExtInternalTemperature**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Internal temperature in the controller.
<b>History</b>	Added in ArubaOS 2.3.

## **wlsxSysExtLicenseSerialNumber**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The license serial number of the controller.
<b>History</b>	Added in ArubaOS 2.3.

## **wlsxSysExtSwitchLicenseCount**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	The number of licenses installed on the controller.
<b>History</b>	Added in ArubaOS 2.3.

## **wlsxSysExtMMSCompatLevel**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Lists the compatibility level of this controller with the MMS.
<b>History</b>	Added in version 3.1

## **wlsxSysExtMMSConfigID**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object represents the value of the MMS Configuration ID in the controller.
<b>History</b>	Added in version 3.1

## **wlsxSysExtControllerConfigID**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object represents the value of the controller's Configuration ID.
<b>History</b>	Added in version 2.5

## **wlsxSysExtIsMMSConfigUpdateEnabled**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object indicates whether the controller is configured to accept configuration snapshots from MMS.
<b>History</b>	Added in version 2.5

## **wlsxSysExtSwitchLastReload**

<b>Syntax</b>	DisplayString(Size(0..128))
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	The reason for the last controller reload.
<b>History</b>	Added in version 2.5

### wlsxSysExtLastStatsReset

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Last time controller stats was reset.
<b>History</b>	Added in version 3.2

### wlsxSysExtProcessorTable

The objects of the wlsx System External Process table list all the processors and the corresponding loads.

**Table 81** *wlsxSysExtProcessorTable OIDs*

Object	Object ID	
wlsxSysExtProcessorEntry	1.3.6.1.4.1.14823.2.2.1.2.1.13.1	wlsxSysExtProcessorTable 1
sysExtProcessorID	1.3.6.1.4.1.14823.2.2.1.2.1.13.1.1	wlsxSysExtProcessorEntry 1
sysExtProcessorDescr	1.3.6.1.4.1.14823.2.2.1.2.1.13.1.2	wlsxSysExtProcessorEntry 2
sysExtProcessorLoad	1.3.6.1.4.1.14823.2.2.1.2.1.13.1.3	wlsxSysExtProcessorEntry 3



## wlsxSysExtProcessorEntry

<b>Syntax</b>	wlsxSysExtProcessorEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one processor contained by the controller.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtProcessorID

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Processor index.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtProcessorDescr

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Description of the processor.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtProcessorLoad

<b>Syntax</b>	Integer32 (0..100)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The average over the last minute of the percentage of time that this processor was not idle.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysExtStorageTable

The objects of the wlsx System External Storage table provide information of the storage devices in the controller.

**Table 82** *wlsxSysExtStorageTable OIDs*

Object	Object ID	
<a href="#">wlsxSysExtStorageEntry</a>	1.3.6.1.4.1.14823.2.2.1.2.1.14.1	wlsxSysExtStorageTable 1
<a href="#">sysExtStorageIndex</a>	1.3.6.1.4.1.14823.2.2.1.2.1.14.1.1	wlsxSysExtStorageEntry 1
<a href="#">sysExtStorageType</a>	1.3.6.1.4.1.14823.2.2.1.2.1.14.1.2	wlsxSysExtStorageEntry 2
<a href="#">sysExtStorageSize</a>	1.3.6.1.4.1.14823.2.2.1.2.1.14.1.3	wlsxSysExtStorageEntry 3
<a href="#">sysExtStorageUsed</a>	1.3.6.1.4.1.14823.2.2.1.2.1.14.1.4	wlsxSysExtStorageEntry 4
<a href="#">sysExtStorageName</a>	1.3.6.1.4.1.14823.2.2.1.2.1.14.1.5	wlsxSysExtStorageEntry 5

### **wlsxSysExtStorageEntry**

<b>Syntax</b>	wlsxSysExtStorageEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one long-term storage device contained by the controller.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtStorageIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Index of the table.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtStorageType

<b>Syntax</b>	Integer ram(1) flashMemory(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Type of the storage.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtStorageSize

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total size of the storage file system in MB.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtStorageUsed

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Used storage in MB.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtStorageName

<b>Syntax</b>	DisplayString(Size(0..64))
---------------	----------------------------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the storage file system.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysExtMemoryTable

The objects of the wlsx System External Memory table describe the memory utilization of the controller.

Object	Object ID	
wlsxSysExtMemoryEntry	1.3.6.1.4.1.14823.2.2.1.2.1.15.1	wlsxSysExtMemoryTable 1
sysExtMemoryIndex	1.3.6.1.4.1.14823.2.2.1.2.1.15.1.1	wlsxSysExtMemoryEntry 1
sysExtMemorySize	1.3.6.1.4.1.14823.2.2.1.2.1.15.1.2	wlsxSysExtMemoryEntry 2
sysExtMemoryUsed	1.3.6.1.4.1.14823.2.2.1.2.1.15.1.3	wlsxSysExtMemoryEntry 3
sysExtMemoryFree	1.3.6.1.4.1.14823.2.2.1.2.1.15.1.4	wlsxSysExtMemoryEntry 4

## wlsxSysExtMemoryEntry

<b>Syntax</b>	wlsxSysExtMemoryEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one memory region on the controller. Currently, only the control processor memory is monitored.
<b>History</b>	Added in ArubaOS 2.3. Update in ArubaOS 3.2.0.0.—description.

## sysExtMemoryIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Index of the table.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtMemorySize

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total memory in KB.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtMemoryUsed

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Used memory in KB.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtMemoryFree

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Free memory in KB.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysExtCardTable

The objects of the wlsx System External Card table list the different hardware modules in the controller.

**Table 83** *wlsxSysExtCardTable*

Objects	Object ID	
<a href="#">wlsxSysExtCardEntry</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1	wlsxSysExtCardTable 1
<a href="#">sysExtCardSlot</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.1	wlsxSysExtCardEntry 1
<a href="#">sysExtCardNumOfPorts</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.2	wlsxSysExtCardEntry 2
<a href="#">sysExtCardNumOfPorts</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.3	wlsxSysExtCardEntry 3
<a href="#">sysExtCardNumOfFastethernetPorts</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.4	wlsxSysExtCardEntry 4
<a href="#">sysExtCardNumOfGigPorts</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.5	wlsxSysExtCardEntry 5
<a href="#">sysExtCardSerialNo</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.6	wlsxSysExtCardEntry 6
<a href="#">sysExtCardAssemblyNo</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.7	wlsxSysExtCardEntry 7
<a href="#">sysExtCardManufacturingDate</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.8	wlsxSysExtCardEntry 8
<a href="#">sysExtCardHwRevision</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.9	wlsxSysExtCardEntry 9
<a href="#">sysExtCardFpgaRevision</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.10	wlsxSysExtCardEntry 10
<a href="#">sysExtCardSwitchChip</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.11	wlsxSysExtCardEntry 11
<a href="#">sysExtCardStatus</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.12	wlsxSysExtCardEntry 12
<a href="#">sysExtCardUserSlot</a>	1.3.6.1.4.1.14823.2.2.1.2.1.16.1.13	wlsxSysExtCardEntry 13

## wlsxSysExtCardEntry

<b>Syntax</b>	wlsxSysExtCardEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one hardware module in the controller.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtCardSlot

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Slot in which this card is located, offset by one. For the user-visible slot number, see sysExtCardUserSlot.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtCardType

<b>Syntax</b>	ArubaCardType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Type of the card.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtCardNumOfPorts

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Number of data ports on the card.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtCardNumOfFastethernetPorts

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Number of fast ethernet ports on the card.
<b>History</b>	Added in ArubaOS 2.3.



## **sysExtCardNumOfGigPorts**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Number of gigabit ethernet ports on the card.
<b>History</b>	Added in ArubaOS 2.3.

## **sysExtCardSerialNo**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Serial number of the card.
<b>History</b>	Added in ArubaOS 2.3.

## **sysExtCardAssemblyNo**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Assembly number of the card.
<b>History</b>	Added in ArubaOS 2.3.

## **sysExtCardManufacturingDate**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Card manufacturing date.
<b>History</b>	Added in ArubaOS 2.3.

## **sysExtCardHwRevision**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Hardware revision of the card.
<b>History</b>	Added in ArubaOS 2.3.

## **sysExtCardFpgaRevision**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	FPGA revision number.
<b>History</b>	Added in ArubaOS 2.3.

## **sysExtCardSwitchChip**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Switching chip version.
<b>History</b>	Added in ArubaOS 2.3.

## **sysExtCardStatus**

<b>Syntax</b>	ArubaActiveState
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Status of the card.
<b>History</b>	Added in ArubaOS 2.3.

## **sysExtCardUserSlot**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	User-visible (zero-based) slot number.
<b>History</b>	Added in ArubaOS 2.3.

## **wlsxSysExtFanTable**

The objects of the wlsx System External Fan table list the fans of the controller.

**Table 84** *wlsxSysExtFanTable OID*

Object	Object ID	
<a href="#">wlsxSysExtFanEntry</a>	1.3.6.1.4.1.14823.2.2.1.2.1.17.1	wlsxSysExtFanTable 1
<a href="#">sysExtFanIndex</a>	1.3.6.1.4.1.14823.2.2.1.2.1.17.1	wlsxSysExtFanEntry 1
<a href="#">sysExtFanStatus</a>	1.3.6.1.4.1.14823.2.2.1.2.1.17.2	wlsxSysExtFanEntry 2

### **wlsxSysExtFanEntry**

<b>Syntax</b>	wlsxSysExtFanEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one fan.
<b>History</b>	Added in ArubaOS 2.3.

### **sysExtFanIndex**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Index of the table.
<b>History</b>	Added in ArubaOS 2.3.

### **sysExtFanStatus**

<b>Syntax</b>	ArubaActiveState
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Status of the fan.
<b>History</b>	Added in ArubaOS 2.3.

## **wlsxSysExtPowerSupplyTable**

The objects of the wlsx Sys External Power Supply table list the power supplies in the controller.

<b>Syntax</b>	Sequence Of wlsxSysExtPowerSupplyEntry
<b>Max-Access</b>	not-accessible

**Status** current

**Description** The table of power supplies in the controller.

**History** Added in ArubaOS 2.3.

**Table 85** *wlsxSysExtPowerSupplyTable*

Object	Object ID	
<a href="#">wlsxSysExtPowerSupplyEntry</a>	1.3.6.1.4.1.14823.2.2.1.2.1.18.1	wlsxSysExtPowerSupplyTable 1
<a href="#">sysExtPowerSupplyIndex</a>	1.3.6.1.4.1.14823.2.2.1.2.1.18.1.1	wlsxSysExtPowerSupplyEntry 1
<a href="#">sysExtPowerSupplyStatus</a>	1.3.6.1.4.1.14823.2.2.1.2.1.18.1.2	wlsxSysExtPowerSupplyEntry 2

## wlsxSysExtPowerSupplyEntry

<b>Syntax</b>	wlsxSysExtPowerSupplyEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one power supply.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtPowerSupplyIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Index of the table.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtPowerSupplyStatus

<b>Syntax</b>	ArubaActiveState
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Status of the power supply.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysExtSwitchListTable

The objects of the wlsx System External Switch List table contain all the controllers in the domain. This table is only valid when queried from the master controller.

<b>Syntax</b>	Sequence Of wlsxSysExtSwitchListEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	This table will list all the controllers in the Dell Switch Domain. It will be populated only on the master controller. Local controllers return empty table.

**Table 86** *wlsxSysExtSwitchListTable OIDs*

Object	Object ID
<a href="#">wlsxSysExtSwitchListEntry</a>	1.3.6.1.4.1.14823.2.2.1.2.1.19.1
	wlsxSysExtSwitchListTable 1

**Table 86** *wlsxSysExtSwitchListTable OIDs (Continued)*

Object	Object ID	
sysExtSwitchIPAddress	1.3.6.1.4.1.14823.2.2.1.2.1.19.1.1	wlsxSysExtSwitchListEntry 1
sysExtSwitchRole	1.3.6.1.4.1.14823.2.2.1.2.1.19.1.2	wlsxSysExtSwitchListEntry 2
sysExtSwitchLocation	1.3.6.1.4.1.14823.2.2.1.2.1.19.1.3	wlsxSysExtSwitchListEntry 3
sysExtSwitchSWVersion	1.3.6.1.4.1.14823.2.2.1.2.1.19.1.4	wlsxSysExtSwitchListEntry 4
sysExtSwitchStatus	1.3.6.1.4.1.14823.2.2.1.2.1.19.1.5	wlsxSysExtSwitchListEntry 5
sysExtSwitchName	1.3.6.1.4.1.14823.2.2.1.2.1.19.1.6	wlsxSysExtSwitchListEntry 6
sysExtSwitchSerNo	1.3.6.1.4.1.14823.2.2.1.2.1.19.1.7	wlsxSysExtSwitchListEntry 7

## wlsxSysExtSwitchListEntry

<b>Syntax</b>	wlsxSysExtSwitchListEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Switch list entry.
<b>Index</b>	{ sysExtSwitchIPAddress}
<b>History</b>	Added in ArubaOS 2.3.

## sysExtSwitchIPAddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	IP address of the controller.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtSwitchRole

<b>Syntax</b>	ArubaSwitchRole
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Role of the switch.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtSwitchLocation

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Location of the controller.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtSwitchSWVersion

<b>Syntax</b>	DisplayString(Size(0..64))
---------------	----------------------------



<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Software version the controller is running.
<b>History</b>	Added in ArubaOS 2.3.

### sysExtSwitchStatus

<b>Syntax</b>	ArubaActiveState
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Status of the controller.
<b>History</b>	Added in ArubaOS 2.3.

### sysExtSwitchName

<b>Syntax</b>	DisplayString(Size(0..128))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Host name of the controller.
<b>History</b>	Added in ArubaOS 2.3.

### sysExtSwitchSerNo

<b>Syntax</b>	DisplayString(Size(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Serial number of the controller.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysExtSwitchLicenseTable

The objects of the wlsx External Switch License table list the valid licenses installed on the controller.

**Table 87** *wlsxSysExtSwitchLicenseTable OIDs*

Object	Object ID	
wlsxSysExtLicenseEntry	1.3.6.1.4.1.14823.2.2.1.2.1.20.1	wlsxSysExtSwitchLicenseTable 1
sysExtLicenseIndex	1.3.6.1.4.1.14823.2.2.1.2.1.20.1.1	wlsxSysExtLicenseEntry 1

**Table 87** *wlsxSysExtSwitchLicenseTable OIDs (Continued)*

<b>Object</b>	<b>Object ID</b>	
sysExtLicenseKey	1.3.6.1.4.1.14823.2.2.1.2.1.20.1.2	wlsxSysExtLicenseEntry 2
sysExtLicenseInstalled	1.3.6.1.4.1.14823.2.2.1.2.1.20.1.3	wlsxSysExtLicenseEntry 3
sysExtLicenseExpires	1.3.6.1.4.1.14823.2.2.1.2.1.20.1.4	wlsxSysExtLicenseEntry 4
sysExtLicenseFlags	1.3.6.1.4.1.14823.2.2.1.2.1.20.1.5	wlsxSysExtLicenseEntry 5
sysExtLicenseService	1.3.6.1.4.1.14823.2.2.1.2.1.20.1.6	wlsxSysExtLicenseEntry 6

## wlsxSysExtLicenseEntry

<b>Syntax</b>	wlsxSysExtLicenseEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	License entry.
<b>Index</b>	{ sysExtLicenseIndex }
<b>History</b>	Added in ArubaOS 2.3.

## sysExtLicenseIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	License ID number.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtLicenseKey

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	License key.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtLicenseInstalled

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	License installation time.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtLicenseExpires

<b>Syntax</b>	DisplayString
---------------	---------------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	License expiry time.
<b>History</b>	Added in ArubaOS 2.3.

## sysExtLicenseFlags

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	License flags E - enabled A - auto-generated R - reboot required to activate
<b>History</b>	Added in ArubaOS 2.3.

## sysExtLicenseService

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The service enabled by this license.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxSysExtStorageTable

The objects of the wlsx Sys External Storage lists the storage devices contained by the controller.

**Table 88** *wlsxSysExtStorageTable OIDs*

Object	Object ID	
wlsxSysExtStorageEntry	1.3.6.1.4.1.14823.2.2.1.2.1.14.1	wlsxSysExtStorageTable 1
sysExtStorageIndex	1.3.6.1.4.1.14823.2.2.1.2.1.14.1.1	wlsxSysExtStorageEntry 1
sysExtStorageType	1.3.6.1.4.1.14823.2.2.1.2.1.14.1.2	wlsxSysExtStorageEntry 2
sysExtStorageSize	1.3.6.1.4.1.14823.2.2.1.2.1.14.1.3	wlsxSysExtStorageEntry 3
sysExtStorageUsed	1.3.6.1.4.1.14823.2.2.1.2.1.14.1.4	wlsxSysExtStorageEntry 4
sysExtStorageName	1.3.6.1.4.1.14823.2.2.1.2.1.14.1.5	wlsxSysExtStorageEntry 5

## wlsxSysExtStorageEntry

<b>Syntax</b>	wlsxSysExtStorageEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one long-term storage device contained by the controller.
<b>Index</b>	{ sysExtStorageIndex }

## sysExtStorageIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Index of the table.

## sysExtStorageType

<b>Syntax</b>	Integer ram(1) flashMemory(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Type of the storage.

## sysExtStorageSize

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total size of the storage file system in MB.

## sysExtStorageUsed

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Used storage in MB.

## sysExtStorageName

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the storage file system.

## wlsxSysExtMemoryTable

The objects of the wlsx System External Memory table contain the memory status of the controller.

**Table 89** *wlsxSysExtMemoryTable OIDs*

Object	Object ID	
<a href="#">wlsxSysExtMemoryEntry</a>	1.3.6.1.4.1.14823.2.2.1.2.1.15.1	wlsxSysExtMemoryTable 1
<a href="#">sysExtMemoryIndex</a>	1.3.6.1.4.1.14823.2.2.1.2.1.15.1.1	wlsxSysExtMemoryEntry 1
<a href="#">sysExtMemorySize</a>	1.3.6.1.4.1.14823.2.2.1.2.1.15.1.2	wlsxSysExtMemoryEntry 2
<a href="#">sysExtMemoryUsed</a>	1.3.6.1.4.1.14823.2.2.1.2.1.15.1.3	wlsxSysExtMemoryEntry 3
<a href="#">sysExtMemoryFree</a>	1.3.6.1.4.1.14823.2.2.1.2.1.15.1.4	wlsxSysExtMemoryEntry 4

## wlsxSysExtMemoryEntry

<b>Syntax</b>	wlsxSysExtMemoryEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	An entry for one memory region on the controller. Currently, only the CP region is monitored.
<b>Index</b>	{ sysExtMemoryIndex }

## sysExtMemoryIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Index of the table.

## sysExtMemorySize

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total memory in KB.

## sysExtMemoryUsed

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Used memory in KB.

## sysExtMemoryFree

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Free memory in KB.

## wlsxSystemExtTableGenNumberGroup

The objects of the wlsx System External Table Generated Number group list the number of modifications that occurred since the last reboot.

**Table 90** *wlsxSystemExtTableGenNumberGroup OIDs*

Object	Object ID	
wlsxSysExtUserTableGenNumber	1.3.6.1.4.1.14823.2.2.1.2.2.1	wlsxSystemExtTableGenNumberGroup 1
wlsxSysExtAPBssidTableGenNumber	1.3.6.1.4.1.14823.2.2.1.2.2.2	wlsxSystemExtTableGenNumberGroup 2
wlsxSysExtAPRadioTableGenNumber	1.3.6.1.4.1.14823.2.2.1.2.2.3	wlsxSystemExtTableGenNumberGroup 3
wlsxSysExtAPTableGenNumber	1.3.6.1.4.1.14823.2.2.1.2.2.4	wlsxSystemExtTableGenNumberGroup 4
wlsxSysExtSwitchListTableGenNumber	1.3.6.1.4.1.14823.2.2.1.2.2.5	wlsxSystemExtTableGenNumberGroup 5
wlsxSysExtPortTableGenNumber	1.3.6.1.4.1.14823.2.2.1.2.2.	wlsxSystemExtTableGenNumberGroup 6
wlsxSysExtVlanTableGenNumber	1.3.6.1.4.1.14823.2.2.1.2.2.	wlsxSystemExtTableGenNumberGroup 7
wlsxSysExtVlanInterfaceTableGenNumber	1.3.6.1.4.1.14823.2.2.1.2.2.	wlsxSystemExtTableGenNumberGroup 8
wlsxSysExtLicenseTableGenNumber	1.3.6.1.4.1.14823.2.2.1.2.2.	wlsxSystemExtTableGenNumberGroup 9
wlsxSysExtMonAPTableGenNumber	1.3.6.1.4.1.14823.2.2.1.2.2.	wlsxSystemExtTableGenNumberGroup 10
wlsxSysExtMonStationTableGenNumber	1.3.6.1.4.1.14823.2.2.1.2.2.	wlsxSystemExtTableGenNumberGroup 11



## **wlsxSysExtUserTableGenNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object denotes the number of times the user table was modified since reboot.
<b>History</b>	Added in version 3.1

## **wlsxSysExtAPBssidTableGenNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object denotes the number of times the AP BSSID table was modified since reboot.
<b>History</b>	Added in version 3.1

## **wlsxSysExtAPRadioTableGenNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object denotes the number of times the radio table was modified since reboot.
<b>History</b>	Added in version 3.1

## **wlsxSysExtAPTableGenNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object denotes the number of times the AP table was modified since reboot.
<b>History</b>	Added in version 3.1.

## **wlsxSysExtSwitchListTableGenNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	This object denotes the number of times the switch list table was modified since reboot.
<b>History</b>	Added in version 3.1.

## **wlsxSysExtPortTableGenNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object denotes the number of times the port table was modified since reboot.
<b>History</b>	Added in version 3.1.

## **wlsxSysExtVlanTableGenNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object denotes the number of times the VLAN table was modified since reboot.
<b>History</b>	Added in version 3.1.

## **wlsxSysExtVlanInterfaceTableGenNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object denotes the number of times the VLAN Interface table was modified since reboot.
<b>History</b>	Added in version 3.1.

## **wlsxSysExtLicenseTableGenNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object denotes the number of times the license table was modified since reboot.
<b>History</b>	Added in version 3.1.

## **wlsxSysExtMonAPTableGenNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	This object denotes the number of times the monitored AP table was modified since reboot.
<b>History</b>	Added in version 3.1.

### **wlsxSysExtMonStationTableGenNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object denotes the number of times the monitored station table was modified since reboot.
<b>History</b>	Added in version 3.1

This chapter provides information about the Textual Conventions, which define the data structures of Dell object types. Textual Conventions are found in the file *aruba-tc.my*. For information about downloading Dell MIB files, see [“Downloading MIB Files” on page 23](#).




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**Note:** Textual Conventions do not have OIDs.

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Following is a list of the Textual Conventions, which are described below.

ArubaEnableValue	ArubaEncryptionMethods	ArubaDBType
ArubaFrameType	ArubaHashAlgorithms	ArubaVrrpState
ArubaPhyType	ArubaVLANValidRange	ArubaOperStateValue
ArubaHTMode	ArubaPortMode	ArubaAntennaSetting
ArubaHTextChannel	ArubaDot1dState	ArubaAPStatus
ArubaSwitchRole	ArubaPoeState	ArubaPortSpeed
ArubaSupportStatus	ArubaCardType	ArubaPortDuplex
ArubaActiveState	ArubaESIServerMode	ArubaPortType
ArubaACLDomain	ArubaESIServerStatus	ArubaEnet1Mode
ArubaACLNetworkServiceType	ArubaIfType	ArubaUnprovisionedStatus
ArubaACLAction	ArubaVoipProtocolType	ArubaMonitorMode
ArubaDaysOfWeek	ArubaAccessPointMode	ArubaMeshRole
ArubaAuthenticationMethods	ArubaAuthServerType	ArubaHTRate
ArubaRogueApType	ArubaAddressType	
ArubaStationType	ArubaBlackListReason	

## ArubaEnableValue

<b>Syntax</b>	Integer enable(1) disable(2)
<b>Status</b>	current
<b>Description</b>	Represents a flag which is either enabled or disabled.

## ArubaFrameType

<b>Syntax</b>	Integer associateRequest(0) associateResponse(1) reassociateRequest(2) reassociateResponse(3) probeRequest(4) probeResponse(5) beacon(8) atim(9) disassociate(10) auth(11) deauth(12)
<b>Status</b>	current
<b>Description</b>	Represents the frame type.
<b>History</b>	Updated in ArubaOS 3.1—syntax

## ArubaPhyType

<b>Syntax</b>	Integer dot11a(1) dot11b(2) dot11g(3) dot11ag(4) wired(5)
<b>Status</b>	current
<b>Description</b>	Represents the PHY of the access point.
<b>History</b>	Updated in ArubaOS 3.1—syntax, wired(5)

## ArubaHTMode

<b>Syntax</b>	Integer none(1) ht20(2) ht40(3)
<b>Status</b>	current

**Description** Represents the HT status of the access point or client.

**History** Added in ArubaOS 3.3.0.0.

## ArubaHTextChannel

<b>Syntax</b>	Integer none(1) above(2) below(3) }
<b>Description</b>	Represents the extension channel offset relative to the current channel.
<b>Status</b>	current
<b>History</b>	Added in ArubaOS 3.3.0.0.

## ArubaSwitchRole

<b>Syntax</b>	Integer master(1) local(2) backupmaster(3)
<b>Status</b>	current
<b>Description</b>	Represents the role of the controller.

## ArubaSupportStatus

<b>Syntax</b>	Integer unsupported(1) supported(2)
<b>Status</b>	current
<b>Description</b>	Represents if a feature is supported or unsupported.

## ArubaActiveState

<b>Syntax</b>	Integer active(1) inactive(2)
<b>Status</b>	current
<b>Description</b>	Represents if a feature is supported or unsupported.

## ArubaACLDomain

<b>Syntax</b>	Integer alias(1) any(2) user(3) host(4) network(5)
<b>Status</b>	current



**Description**

Represents both the source and destination to which an ACL rule will be applied.

## ArubaACLNetworkServiceType

<b>Syntax</b>	Integer alias(1) any(2) tcp(3) udp(4) protocol(5)
<b>Status</b>	current
<b>Description</b>	Represents the network service in an ACL Rule.

## ArubaACLAction

<b>Syntax</b>	Integer deny(1) permit(2) srcNAT(3) dstNAT(4) redirect(5)
<b>Status</b>	current
<b>Description</b>	Represents the actions in an ACL rule.

## ArubaDaysOfWeek

<b>Syntax</b>	Integer sun(1) mon(2) tue(3) wed(4) thu(5) fri(6) sat(7)
<b>Status</b>	current
<b>Description</b>	Represents the actions of an ACL rule.

## ArubaAuthenticationMethods

<b>Syntax</b>	Integer none(0) web(1) mac(2) vpn(3) dot1x(4) kerberos(5) secureId(7) pubcookie(15) xSec(16) xSecMachine(17) other(255)
<b>Status</b>	current
<b>Description</b>	Authentication method.

## ArubaSubAuthenticationMethods

<b>Syntax</b>	Integer authPAP(1) authCHAP(2) authMSCHAP(3) authMSCHAPv2(4) eapTLS(5) eapTTLS(6) eapLEAP(7) eapMD5(8)
<b>Status</b>	current
<b>Description</b>	Sub-authentication (e.g., EAP type).

## ArubaRogueApType

<b>Syntax</b>	Integer valid(1) interfering(2) unsecure(3) dos(4) unknown(5) knownInterfering(6)
<b>Status</b>	current
<b>Description</b>	Represents the rogue AP type.

## ArubaStationType

<b>Syntax</b>	Integer valid(1) interfering(2) dos(3)
<b>Status</b>	current
<b>Description</b>	Represents the station type.

## ArubaEncryptionMethods

<b>Syntax</b>	Bits disabled(0) static-wep(1) dynamic-wep(2) static-wpa(3) dynamic-wpa(4) wpa2-psk-aes(5) wpa2-8021x-aes(6) wpa2PreAuth(7) xsec(8) wpa-psk-aes(9) wpa-aes(10) wpa2-psk-tkip(11) wpa2-8021x-tkip(12)
<b>Status</b>	current
<b>Description</b>	Represents the actions in an ACL rule.
<b>History</b>	Updated in ArubaOS 3.1—syntax items (10), (11), (12)

## ArubaHashAlgorithms

<b>Syntax</b>	Integer md5(1) sha(2)
<b>Status</b>	current
<b>Description</b>	Represents the actions in an ACL rule.

## ArubaVLANValidRange

<b>Syntax</b>	Integer(1..4095)
<b>Status</b>	current
<b>Description</b>	Represents the valid VLAN ID range.

## ArubaPortMode

<b>Syntax</b>	Integer access(1) dot1q(2)}
<b>Status</b>	current
<b>Description</b>	Represents the switch port mode.

## ArubaDot1dState

<b>Syntax</b>	Integer disabled(1), blocked(2), listening(3), learning(4), forwarding(5)
<b>Status</b>	current
<b>Description</b>	Represents the switch port mode.
<b>History</b>	Updated in ArubaOS 3.1—syntax, addition of items (2)–(5)

## ArubaPoeState

<b>Syntax</b>	Integer disabled(1) enabled(2) enabledCisco(3)
<b>Status</b>	current
<b>Description</b>	Represents the switch port mode.

## ArubaCardType

<b>Syntax</b>	Integer lc1(1) lc2(2) sc1(3) sc2(4) sw2400(5) sw800(6) sw200(7) m3mk1(8) sw3200(9) sw3400(10) sw3600(11)
<b>Status</b>	current
<b>Description</b>	Type of the hardware module.

## History

Updated in ArubaOS 3.1—syntax, addition of items (8)–(11)

## ArubaESIServerMode

<b>Syntax</b>	Integer bridged(1) routed(2) nat(3)
<b>Status</b>	current
<b>Description</b>	The mode of the ESI server.
<b>History</b>	Updated in ArubaOS 3.1—addition of nat(3)

## ArubaESIServerStatus

<b>Syntax</b>	Integer up(1) down(2)
<b>Status</b>	current
<b>Description</b>	The status of the ESI server.

## ArubaIfType

<b>Syntax</b>	Integer port(1) VLAN(2) tunnel(3) loopback(4)
<b>Status</b>	current
<b>Description</b>	The type interface referred to by the value of ifIndex.

## ArubaVoipProtocolType

<b>Syntax</b>	Integer sccp(1) svp(2) vocera(3) sip(4) unknown(10)
<b>Status</b>	current
<b>Description</b>	The type of VoIP protocols supported.

## ArubaAccessPointMode

<b>Syntax</b>	Integer airMonitor(1), accessPoint(2), accessPointAndMonitor(3) meshPortal(4) meshPoint(5)
<b>Status</b>	current
<b>Description</b>	The mode of the access point.
<b>History</b>	Update in ArubaOS 3.2.0.0.—addition of items (4) and (5) in Syntax.

## ArubaAuthServerType

<b>Syntax</b>	Integer internaldb(1) radius(2) ldap(3) kerberos(4) tacacs(5)
<b>Status</b>	current
<b>Description</b>	The mode of the access point.

## ArubaAddressType

<b>Syntax</b>	Integer srcAddress(1), dstAddress(2), bssid(3)
<b>Status</b>	current
<b>Description</b>	Address type.

## ArubaBlackListReason

<b>Syntax</b>	Integer userDefined(1) mitmAttack(2) authFailure(3) pingFlood(4) sessionFlood(5) synFlood(6) sessionBlacklist(7) ipSpoofing(8) other(100)
<b>Status</b>	current
<b>Description</b>	Black list reason.



## ArubaDBType

<b>Syntax</b>	Integer mssql(1) mysql(2)
<b>Status</b>	current
<b>Description</b>	Database type.

## ArubaVrrpState

<b>Syntax</b>	Integer initialize(1) backup(2) master(3)
<b>Status</b>	current
<b>Description</b>	Database type.

## ArubaOperStateValue

<b>Syntax</b>	Integer up(1) down(2) testing(3)
<b>Syntax</b>	current
<b>Description</b>	Represents operational state of an interface.

## ArubaAntennaSetting

<b>Syntax</b>	Integer notPresent(1) enabled(2) disabled(3)
<b>Syntax</b>	current
<b>Description</b>	Represents the status of the external antenna.

## ArubaAPStatus

<b>Syntax</b>	Integer up(1) down(2)
<b>Status</b>	current
<b>Description</b>	The status of the access point.

## ArubaPortSpeed

<b>Syntax</b>	Integer speed10Mbps(1) speed100Mbps(2) speed1000Mbps(3) speedAuto(4) speed10Gbps(5)
<b>Status</b>	current
<b>Description</b>	Port speed.
<b>History</b>	Update in ArubaOS 3.2.0.0.—addition of item (5) in Syntax.

## ArubaPortDuplex

<b>Syntax</b>	Integer half(1) full(2) auto(3)
<b>Status</b>	current
<b>Description</b>	Port duplexity.

## ArubaPortType

<b>Syntax</b>	Integer fastethernet(1) gigabitethernet(2) xgigabitethernet(3)
<b>Status</b>	current
<b>Description</b>	Port type.
<b>History</b>	Update in ArubaOS 3.2.0.0.—addition of item (3) in Syntax.

## ArubaEnet1Mode

<b>Syntax</b>	Integer activeStandby(1) tunnel(2) bridge(3) notApplicable(4)
<b>Status</b>	current
<b>Description</b>	Represents the mode of the Ethernet port on the access point.

## ArubaUnprovisionedStatus

<b>Syntax</b>	Integer yes(1) no(2)
<b>Status</b>	current
<b>Description</b>	Represents whether the AP is provisioned or not.

## ArubaMonitorMode

<b>Syntax</b>	Integer
<b>Status</b>	current
<b>Description</b>	Represents whether the AP has any radios dedicated to monitoring.

## ArubaConfigurationState

<b>Syntax</b>	Integer success(1), error(2)
<b>Status</b>	current
<b>Description</b>	Configuration transfer types.
<b>History</b>	Added in ArubaOS 3.1

## ArubaConfigurationChangeType

<b>Syntax</b>	Integer create(1) delete(2) modify(3)
<b>Status</b>	current
<b>Description</b>	Configuration change types.
<b>History</b>	Added in ArubaOS 3.1

## ArubaCallStates

<b>Syntax</b>	Integer idle(0) initiated(1) connecting(2) delivered(3) connected(4) offered(5) alerting(6) releasing(7) cancelling(8) transient(9) dummy503(10) succ(11), fail(12) aborted(13) blocked(14)
<b>Status</b>	current
<b>Description</b>	The call state.
<b>History</b>	Added in ArubaOS 3.1

## ArubaVoipProtocol

<b>Syntax</b>	Integer sccp(1) svp(2) vocera(3) sip(9) ua(11)
<b>Status</b>	current
<b>Description</b>	VoIP protocol used.
<b>History</b>	Added in ArubaOS 3.1

## ArubaVoipRegState

<b>Syntax</b>	Integer unkown(0) registering(1) unregistering(2) challenge(3) registered(4) unregistered(5)
<b>Status</b>	current
<b>Description</b>	VoIP registered state.
<b>History</b>	Added in ArubaOS 3.1

## ArubaVoiceCdrDirection

<b>Syntax</b>	Integer og(0) ic(1)
<b>Status</b>	current
<b>Description</b>	VoIP CDR direction.
<b>History</b>	Added in ArubaOS 3.1

## ArubaVoiceCacBit

<b>Syntax</b>	Bits cacActiveLoadBalancing(0) cacHighCapThresholdReached(1) cacHandRsrvThresholdReached(2) cacPeakCapacityReached(3)
<b>Status</b>	current
<b>Description</b>	Voice CAC bit flags.
<b>History</b>	Added in ArubaOS 3.1

## ArubaMeshRole

<b>Syntax</b>	Integer nonmesh(0) point(1) portal(2)
<b>Status</b>	current
<b>Description</b>	Mesh role.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## ArubaHTRate

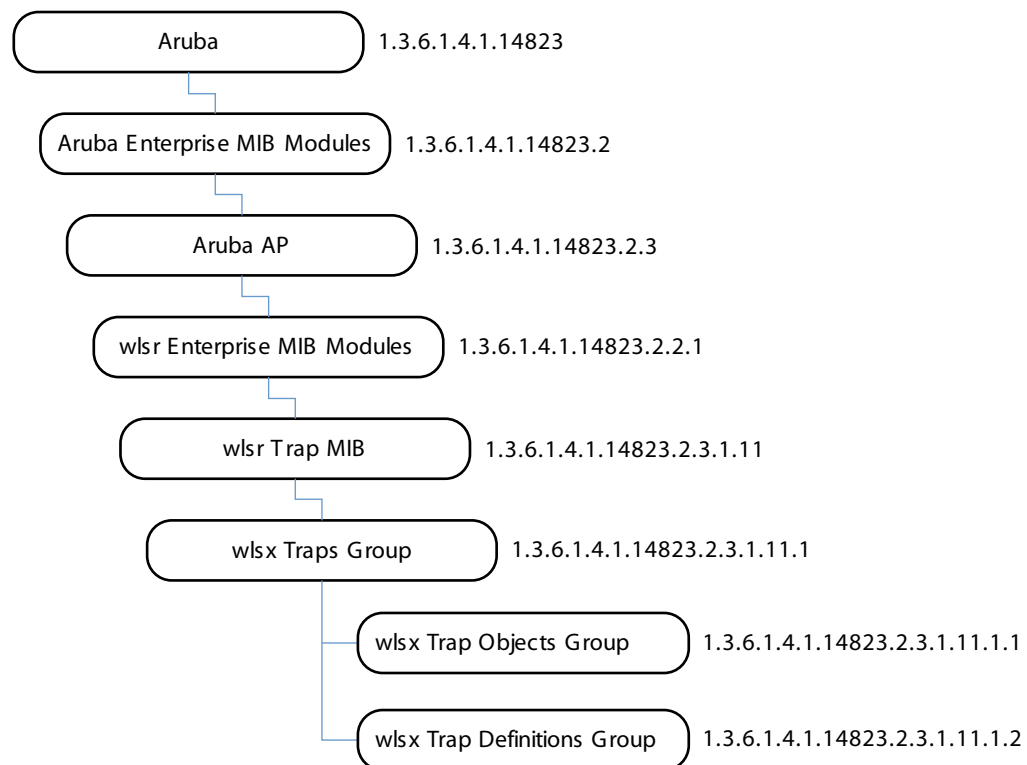
<b>Syntax</b>	Integer unknown(0) ht6dot5(1) ht13(2) ht13dot5(3) ht15(4) ht19dot5(5) ht26(6) ht27(7) ht30(8) ht39(9) ht40dot5(10) ht45(11) ht52(12) ht54(13) ht58dot5(14) ht60(15) ht65(16) ht78(17) ht81(18) ht90(19) ht104(20) ht108(21) ht117(22) ht120(23) ht121dot5(24) ht130(25) ht135(26) ht150(27) ht162(28) ht180(29) ht216(30) ht240(31) ht243(32) ht270(33) ht300(34)
<b>Status</b>	current
<b>Description</b>	Represents HT rate.
<b>History</b>	Added in ArubaOS 3.2.0.0.

This module defines the Traps that can be generated by the controller. Traps are MIB objects (variables) that transmit information to the SNMP Manager when an event occurs. Traps are included as varbinds (variable bindings) in the trap protocol data unit (PDU). Varbinds are defined in the *Description* section below.

Figure 15 shows the architecture of the Traps MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Traps are listed in the file *aruba-trap.my* MIB file. For information about downloading Dell MIB files, see “[Downloading MIB Files](#)” on page 23.

## Trap Hierarchy

**Figure 15** Trap Hierarchy



Other traps are described in the following sections of this reference guide:

- “[wlsrTrapObjectsGroup](#)” on page 88 (AP and AM)
- “[wlsrTrapsGroup](#)” on page 92 (AP and AM)
- “[wlsxSwitchTraps Group](#)” on page 268 (Switch)
- “[Switch Traps–Notifications](#)” on page 277 (Switch)
- “[Platform Traps](#)” on page 281 (Switch)
- “[IPv6 Authentication Traps](#)” on page 286 (Switch)

## wlsx Trap Objects Group

**Table 91** wlsxTraps Object Group OIDs

Object	Object ID	
wlsxTrapAPMacAddress	1.3.6.1.4.1.14823.2.3.1.11.1.1.1	wlsxTrapObjectsGroup 1
wlsxTrapAPIpAddress	1.3.6.1.4.1.14823.2.3.1.11.1.1.2	wlsxTrapObjectsGroup 2
wlsxTrapAPBSSID	1.3.6.1.4.1.14823.2.3.1.11.1.1.3	wlsxTrapObjectsGroup 3
wlsxTrapEssid	1.3.6.1.4.1.14823.2.3.1.11.1.1.4	wlsxTrapObjectsGroup 4
wlsxTrapTargetAPBSSID	1.3.6.1.4.1.14823.2.3.1.11.1.1.5	wlsxTrapObjectsGroup 5
wlsxTrapTargetAPSSID	1.3.6.1.4.1.14823.2.3.1.11.1.1.6	wlsxTrapObjectsGroup 6
wlsxTrapTargetAPChannel	1.3.6.1.4.1.14823.2.3.1.11.1.1.7	wlsxTrapObjectsGroup 7
wlsxTrapNodeMac	1.3.6.1.4.1.14823.2.3.1.11.1.1.8	wlsxTrapObjectsGroup 8
wlsxTrapSourceMac	1.3.6.1.4.1.14823.2.3.1.11.1.1.9	wlsxTrapObjectsGroup 9
wlsxReceiverMac	1.3.6.1.4.1.14823.2.3.1.11.1.1.10	wlsxTrapObjectsGroup 10
wlsxTrapTransmitterMac	1.3.6.1.4.1.14823.2.3.1.11.1.1.11	wlsxTrapObjectsGroup 11
wlsxTrapReceiverMac	1.3.6.1.4.1.14823.2.3.1.11.1.1.12	wlsxTrapObjectsGroup 12
wlsxTrapSnr	1.3.6.1.4.1.14823.2.3.1.11.1.1.13	wlsxTrapObjectsGroup 13
wlsxTrapSignatureName	1.3.6.1.4.1.14823.2.3.1.11.1.1.14	wlsxTrapObjectsGroup 14
wlsxTrapFrameType	1.3.6.1.4.1.14823.2.3.1.11.1.1.15	wlsxTrapObjectsGroup 15
wlsxTrapAddressType	1.3.6.1.4.1.14823.2.3.1.11.1.1.16	wlsxTrapObjectsGroup 16
wlsxTrapAPLocation	1.3.6.1.4.1.14823.2.3.1.11.1.1.17	wlsxTrapObjectsGroup 17
wlsxTrapAPChannel	1.3.6.1.4.1.14823.2.3.1.11.1.1.18	wlsxTrapObjectsGroup 18
wlsxTrapAPTxPower	1.3.6.1.4.1.14823.2.3.1.11.1.1.19	wlsxTrapObjectsGroup 19
wlsxTrapMatchedMac	1.3.6.1.4.1.14823.2.3.1.11.1.1.20	wlsxTrapObjectsGroup 20
wlsxTrapMatchedIp	1.3.6.1.4.1.14823.2.3.1.11.1.1.21	wlsxTrapObjectsGroup 21
wlsxTrapRogueIfoURL	1.3.6.1.4.1.14823.2.3.1.11.1.1.22	wlsxTrapObjectsGroup 22
wlsxTrapVLANId	1.3.6.1.4.1.14823.2.3.1.11.1.1.23	wlsxTrapObjectsGroup 23
wlsxTrapAdminStatus	1.3.6.1.4.1.14823.2.3.1.11.1.1.24	wlsxTrapObjectsGroup 24
wlsxTrapOperStatus	1.3.6.1.4.1.14823.2.3.1.11.1.1.25	wlsxTrapObjectsGroup 25
wlsxTrapAuthServerName	1.3.6.1.4.1.14823.2.3.1.11.1.1.26	wlsxTrapObjectsGroup 26
wlsxTrapAuthServerTimeout	1.3.6.1.4.1.14823.2.3.1.11.1.1.27	wlsxTrapObjectsGroup 27
wlsxTrapCardSlot	1.3.6.1.4.1.14823.2.3.1.11.1.1.28	wlsxTrapObjectsGroup 28
wlsxTrapTemperatureValue	1.3.6.1.4.1.14823.2.3.1.11.1.1.29	wlsxTrapObjectsGroup 29
wlsxTrapProcessName	1.3.6.1.4.1.14823.2.3.1.11.1.1.30	wlsxTrapObjectsGroup 30
wlsxTrapFanNumber	1.3.6.1.4.1.14823.2.3.1.11.1.1.31	wlsxTrapObjectsGroup 31
wlsxTrapVoltageType	1.3.6.1.4.1.14823.2.3.1.11.1.1.32	wlsxTrapObjectsGroup 32
wlsxTrapVoltageValue	1.3.6.1.4.1.14823.2.3.1.11.1.1.33	wlsxTrapObjectsGroup 33



**Table 91** *wlsxTraps Object Group OIDs (Continued)*

Object	Object ID	
wlsxTrapStationBlackListReason	1.3.6.1.4.1.14823.2.3.1.11.1.1.34	wlsxTrapObjectsGroup 34
wlsxTrapSpoofedIpAddress	1.3.6.1.4.1.14823.2.3.1.11.1.1.35	wlsxTrapObjectsGroup 35
wlsxTrapSpoofedOldPhyAddress	1.3.6.1.4.1.14823.2.3.1.11.1.1.36	wlsxTrapObjectsGroup 36
wlsxTrapSpoofedNewPhyAddress	1.3.6.1.4.1.14823.2.3.1.11.1.1.37	wlsxTrapObjectsGroup 37
wlsxTrapDBName	1.3.6.1.4.1.14823.2.3.1.11.1.1.38	wlsxTrapObjectsGroup 38
wlsxTrapDBUserName	1.3.6.1.4.1.14823.2.3.1.11.1.1.39	wlsxTrapObjectsGroup 39
wlsxTrapDBIpAddress	1.3.6.1.4.1.14823.2.3.1.11.1.1.40	wlsxTrapObjectsGroup 40
wlsxTrapDBType	1.3.6.1.4.1.14823.2.3.1.11.1.1.41	wlsxTrapObjectsGroup 41
wlsxTrapVrrpID	1.3.6.1.4.1.14823.2.3.1.11.1.1.42	wlsxTrapObjectsGroup 42
wlsxTrapVrrpMasterIp	1.3.6.1.4.1.14823.2.3.1.11.1.1.43	wlsxTrapObjectsGroup 43
wlsxTrapVrrpOperState	1.3.6.1.4.1.14823.2.3.1.11.1.1.44	wlsxTrapObjectsGroup 44
wlsxTrapESIServerGrpName	1.3.6.1.4.1.14823.2.3.1.11.1.1.45	wlsxTrapObjectsGroup 45
wlsxTrapESIServerName	1.3.6.1.4.1.14823.2.3.1.11.1.1.46	wlsxTrapObjectsGroup 46
wlsxTrapESIServerIpAddress	1.3.6.1.4.1.14823.2.3.1.11.1.1.47	wlsxTrapObjectsGroup 47
wlsxTrapLicenseDaysRemaining	1.3.6.1.4.1.14823.2.3.1.11.1.1.48	wlsxTrapObjectsGroup 48
wlsxTrapSwitchIp	1.3.6.1.4.1.14823.2.3.1.11.1.1.49	wlsxTrapObjectsGroup 49
wlsxTrapSwitchRole	1.3.6.1.4.1.14823.2.3.1.11.1.1.50	wlsxTrapObjectsGroup 50
wlsxTrapUserIpAddress	1.3.6.1.4.1.14823.2.3.1.11.1.1.51	wlsxTrapObjectsGroup 51
wlsxTrapUserPhyAddress	1.3.6.1.4.1.14823.2.3.1.11.1.1.52	wlsxTrapObjectsGroup 52
wlsxTrapUserName	1.3.6.1.4.1.14823.2.3.1.11.1.1.53	wlsxTrapObjectsGroup 53
wlsxTrapUserRole	1.3.6.1.4.1.14823.2.3.1.11.1.1.54	wlsxTrapObjectsGroup 54
wlsxTrapUserAuthenticationMethod	1.3.6.1.4.1.14823.2.3.1.11.1.1.55	wlsxTrapObjectsGroup 55
wlsxTrapAPRadioNumber	1.3.6.1.4.1.14823.2.3.1.11.1.1.56	wlsxTrapObjectsGroup 56
wlsxTrapRogueInfoURL	1.3.6.1.4.1.14823.2.3.1.11.1.1.57	wlsxTrapObjectsGroup 57
wlsxTrapInterferingAPIInfoURL	1.3.6.1.4.1.14823.2.3.1.11.1.1.58	wlsxTrapObjectsGroup 58
wlsxTrapPortNumber	1.3.6.1.4.1.14823.2.3.1.11.1.1.59	wlsxTrapObjectsGroup 59
wlsxTrapTime	1.3.6.1.4.1.14823.2.3.1.11.1.1.60	wlsxTrapObjectsGroup 60
wlsxTrapHostIp	1.3.6.1.4.1.14823.2.3.1.11.1.1.61	wlsxTrapObjectsGroup 61
wlsxTrapHostPort	1.3.6.1.4.1.14823.2.3.1.11.1.1.62	wlsxTrapObjectsGroup 62
wlsxTrapConfigurationId	1.3.6.1.4.1.14823.2.3.1.11.1.1.63	wlsxTrapObjectsGroup 63
wlsxTrapCTSURL	1.3.6.1.4.1.14823.2.3.1.11.1.1.64	wlsxTrapObjectsGroup 64
wlsxTrapCTSTransferType	1.3.6.1.4.1.14823.2.3.1.11.1.1.65	wlsxTrapObjectsGroup 65
wlsxTrapConfigurationState	1.3.6.1.4.1.14823.2.3.1.11.1.1.66	wlsxTrapObjectsGroup 66
wlsxTrapUpdateFailureReason	1.3.6.1.4.1.14823.2.3.1.11.1.1.67	wlsxTrapObjectsGroup 67

**Table 91** *wlsxTraps Object Group OIDs (Continued)*

Object	Object ID	
wlsxTrapUpdateFailedObj	1.3.6.1.4.1.14823.2.3.1.11.1.1.68	wlsxTrapObjectsGroup 68
wlsxTrapTableEntryChangeType	1.3.6.1.4.1.14823.2.3.1.11.1.1.69	wlsxTrapObjectsGroup 69
wlsxTrapGlobalConfigObj	1.3.6.1.4.1.14823.2.3.1.11.1.1.70	wlsxTrapObjectsGroup 70
wlsxTrapTableGenNumber	1.3.6.1.4.1.14823.2.3.1.11.1.1.71	wlsxTrapObjectsGroup 71
wlsxTrapLicenseId	1.3.6.1.4.1.14823.2.3.1.11.1.1.72	wlsxTrapObjectsGroup 72
wlsxTrapConfidenceLevel	1.3.6.1.4.1.14823.2.3.1.11.1.1.73	wlsxTrapObjectsGroup 73
wlsxTrapMissingLicenses	1.3.6.1.4.1.14823.2.3.1.11.1.1.74	wlsxTrapObjectsGroup 74
wlsxVoiceCurrentNumCdr	1.3.6.1.4.1.14823.2.3.1.11.1.1.75	wlsxTrapObjectsGroup 75
wlsxTrapTunnelId	1.3.6.1.4.1.14823.2.3.1.11.1.1.76	wlsxTrapObjectsGroup 76
wlsxTrapTunnelStatus	1.3.6.1.4.1.14823.2.3.1.11.1.1.77	wlsxTrapObjectsGroup 77
wlsxTrapTunnelUpReason	1.3.6.1.4.1.14823.2.3.1.11.1.1.78	wlsxTrapObjectsGroup 78
wlsxTrapTunnelDownReason	1.3.6.1.4.1.14823.2.3.1.11.1.1.79	wlsxTrapObjectsGroup 79
wlsxTrapApSerialNumber	1.3.6.1.4.1.14823.2.3.1.11.1.1.80	wlsxTrapObjectsGroup 80
wlsxTraptimeStr	1.3.6.1.4.1.14823.2.3.1.11.1.1.81	wlsxTrapObjectsGroup 81
wlsxTrapMasterIp	1.3.6.1.4.1.14823.2.3.1.11.1.1.82	wlsxTrapObjectsGroup 82
wlsxTrapLocalIp	1.3.6.1.4.1.14823.2.3.1.11.1.1.83	wlsxTrapObjectsGroup 83
wlsxTrapMasterName	1.3.6.1.4.1.14823.2.3.1.11.1.1.84	wlsxTrapObjectsGroup 84
wlsxTrapLocalName	1.3.6.1.4.1.14823.2.3.1.11.1.1.85	wlsxTrapObjectsGroup 85
wlsxTrapPrimaryControllerIp	1.3.6.1.4.1.14823.2.3.1.11.1.1.86	wlsxTrapObjectsGroup 86
wlsxTrapBackupControllerIp	1.3.6.1.4.1.14823.2.3.1.11.1.1.87	wlsxTrapObjectsGroup 87

## wlsxTrapAPMacAddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the trap to indicate the wired MAC address of an access point.

## wlsxTrapAPIpAddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the IP address of an access point for which we are raising the trap.

## wlsxTrapAPBSSID

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the BSSID of the access point for which we are raising the trap.

## wlsxTrapEssid

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the SSID of the access point for which we are raising the trap.

## wlsxTrapTargetAPBSSID

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the BSSID of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate AP. If an access point is sending the trap, then it will point to itself.

## wlsxTrapTargetAPSSID

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the SSID of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate AP. If an access point is sending the trap, then it will point to itself.

## wlsxTrapTargetAPChannel

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the channel of the access point for which we are raising the trap. If an air monitor is sending the trap, this will indicate AP. If an access point is sending the trap, then it will point to itself.

## wlsxTrapNodeMac

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the MAC address of a node.

## wlsxTrapSourceMac

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the MAC address of the source.

## wlsxReceiverMac

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the MAC address of the receiver.

## **wlsxTrapTransmitterMac**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the MAC address of the transmitter.

## **wlsxTrapReceiverMac**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the MAC address of the transmitter.

## **wlsxTrapSnr**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the signal-to-noise ratio.

## **wlsxTrapSignatureName**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the signature name.

## **wlsxTrapFrameType**

<b>Syntax</b>	ArubaFrameType
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the frame type.

## **wlsxTrapAddressType**

<b>Syntax</b>	ArubaAddressType
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<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the address type.

## **wlsxTrapAPLocation**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the location of the AP.

## **wlsxTrapAPChannel**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the current channel.

## **wlsxTrapAPTxPower**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the AP transmit power.

## **wlsxTrapMatchedMac**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the MAC address.

## **wlsxTrapMatchedIp**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the IP address.

## **wlsxTrapRogueIfoURL**

<b>Syntax</b>	DisplayString(Size(0..64))
---------------	----------------------------

<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used to point to the WEBUI Rogue AP information URL.



## **wlsxTrapVLANId**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the VLAN ID.

## **wlsxTrapAdminStatus**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the admin status of VLAN.

## **wlsxTrapOperStatus**

<b>Syntax</b>	ArubaOperStateValue
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the admin status of VLAN.

## **wlsxTrapAuthServerName**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the authentication server used for authentication.

## **wlsxTrapAuthServerTimeout**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the authentication server timeout.

## **wlsxTrapCardSlot**

<b>Syntax</b>	Integer32
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<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the slot in which this card is present.

## **wlsxTrapTemperatureValue**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the temperature value.

## **wlsxTrapProcessName**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the process name.

## **wlsxTrapFanNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the fan number.

## **wlsxTrapVoltageType**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the type of voltage.

## **wlsxTrapVoltageValue**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the voltage value in float.

## **wlsxTrapStationBlackListReason**

<b>Syntax</b>	ArubaBlackListReason
---------------	----------------------

<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	The reason for which a station is black listed.

## **wlsxTrapSpoofedIpAddress**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify a spoofed IP address.

## **wlsxTrapSpoofedOldPhyAddress**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify an old MAC address.

## **wlsxTrapSpoofedNewPhyAddress**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify a new MAC address.

## **wlsxTrapDBName**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify the name of the database.

## **wlsxTrapDBUserName**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify the name of the database user.

## **wlsxTrapDBIpAddress**

<b>Syntax</b>	DisplayString(Size(0..64))
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<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify the IP address of the database.

## wlsxTrapDBType

<b>Syntax</b>	ArubaDBType
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in a trap to identify the port of the user.

## wlsxTrapVrrpID

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object contains the virtual router identifier.

## wlsxTrapVrrpMasterIp

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object contains the master IP address.

## wlsxTrapVrrpOperState

<b>Syntax</b>	ArubaVrrpState
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the VRRP operational state.

## wlsxTrapESIServerGrpName

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the External Services Interface (ESI) server group name.

## wlsxTrapESIServerName

<b>Syntax</b>	DisplayString(Size(0..64))
---------------	----------------------------

<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the External Services Interface (ESI) server name.



## **wlsxTrapESIServerIpAddress**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the External Services Interface (ESI) server IP address.

## **wlsxTrapLicenseDaysRemaining**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the number of days remaining prior to a license expiry.

## **wlsxTrapSwitchIp**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the controller IP address.

## **wlsxTrapSwitchRole**

<b>Syntax</b>	ArubaSwitchRole
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the role of the controller.

## **wlsxTrapUserIpAddress**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the IP address of the user.

## **wlsxTrapUserPhyAddress**

<b>Syntax</b>	MacAddress
---------------	------------

<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the MAC address of the user.

## **wlsxTrapUserName**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the user name.

## **wlsxTrapUserRole**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the authentication method of the user.

## **wlsxTrapUserAuthenticationMethod**

<b>Syntax</b>	ArubaAuthenticationMethods
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the authentication method of the user.

## **wlsxTrapAPRadioNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the radio number.

## **wlsxTrapRogueInfoURL**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used to point to the WEBGUI Rogue AP information URL.

## **wlsxTrapInterferingAPInfoURL**

<b>Syntax</b>	DisplayString(Size(0..64))
---------------	----------------------------

<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used to point to the WEBGUI Rogue interfering access point information URL.

## **wlsxTrapPortNumber**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the port number.

## **wlsxTrapTime**

<b>Syntax</b>	DateAndTime
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in all the enterprise traps to indicate the time when the trap is generated on the controller.

## **wlsxTrapHostIp**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the trap host.

## **wlsxTrapHostPort**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the trap host port.

## **wlsxTrapConfigurationId**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the ID of the configuration used in traps.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxTrapCTSURL**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the URL from which the transfer should happen.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxTrapCTSTransferType**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the transfer type, upload or download.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxTrapConfigurationState**

<b>Syntax</b>	ArubaConfigurationState
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the state of the configuration transfer.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxTrapUpdateFailureReason**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the reason for the update failure.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxTrapUpdateFailedObj**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify

<b>Status</b>	current
<b>Description</b>	This variable represents the AMAPI object which is the reason for the update failure.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxTrapTableEntryChangeType

<b>Syntax</b>	ArubaConfigurationChangeType
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the type of the configuration change.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxTrapGlobalConfigObj

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This variable represents the AMAPI object corresponding to the global configuration change.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxTrapTableGenNumber

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the generation number of a table. Used in the MMS to keep track of the table content changes.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxTrapLicenseId

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the license ID.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxTrapConfidenceLevel

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify



<b>Status</b>	current
<b>Description</b>	This object is used in the traps to indicate the confidence level as a percentage.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxTrapMissingLicenses**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This variable indicates any licenses that are not present during a configuration update.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxVoiceCurrentNumCdr**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the number of CDRs in buffer.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxTrapTunnelId**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the tunnel ID.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxTrapTunnelStatus**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the tunnel status.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxTrapTunnelUpReason**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify

<b>Status</b>	current
<b>Description</b>	This object represents the tunnel up reason.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxTrapTunnelDownReason**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the tunnel down reason.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxTrapApSerialNumber**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the AP serial number.
<b>History</b>	Added in ArubaOS 3.4.

## **wlsxTrapTimeStr**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the Time in String format.
<b>History</b>	Added in ArubaOS 3.4.

## **wlsxTrapMasterIp**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the master IP address.
<b>History</b>	Added in ArubaOS 3.4.1

## **wlsxTrapLocalIp**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify

<b>Status</b>	current
<b>Description</b>	This object represents the local IP address.
<b>History</b>	Added in ArubaOS 3.4.1

### **wlscTrapMasterName**

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the master controller name.
<b>History</b>	Added in ArubaOS 3.4.1

## wlsxTrapLocalName

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the local controller name.
<b>History</b>	Added in ArubaOS 3.4.1

## wlsxTrapPrimaryControllerIp

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the IP address of the AP's primary controller.
<b>History</b>	Added in ArubaOS 3.4.1

## wlsxTrapBackupControllerIp

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	accessible-for-notify
<b>Status</b>	current
<b>Description</b>	This object represents the IP address of the AP's backup controller.
<b>History</b>	Added in ArubaOS 3.4.1

## wlsx Trap Definitions Group

**Table 92** *wlsx Trap Definitions Group OIDs*

Object	Object ID	
<a href="#">wlsxVLANLinkUp</a>	1.3.6.1.4.1.14823.2.3.1.11.1.2.1000	wlsxTrapDefinitionsGroup 1000
<a href="#">wlsxVLANLinkDown</a>	1.3.6.1.4.1.14823.2.3.1.11.1.2.1001	wlsxTrapDefinitionsGroup 1001
<a href="#">wlsxSignatureMatch</a>	1.3.6.1.4.1.14823.2.3.1.11.1.2.1002	wlsxTrapDefinitionsGroup 1002
<a href="#">wlsxNodeRateAnomaly</a>	1.3.6.1.4.1.14823.2.3.1.11.1.2.1003	wlsxTrapDefinitionsGroup 1003
<a href="#">wlsxNormalTemperature</a>	1.3.6.1.4.1.14823.2.3.1.11.1.2.1004	wlsxTrapDefinitionsGroup 1004
<a href="#">wlsxProcessRestart</a>	1.3.6.1.4.1.14823.2.3.1.11.1.2.1005	wlsxTrapDefinitionsGroup 1005
<a href="#">wlsxFlashSpaceOK</a>	1.3.6.1.4.1.14823.2.3.1.11.1.2.1006	wlsxTrapDefinitionsGroup 1006
<a href="#">wlsxMemoryUsageOK</a>	1.3.6.1.4.1.14823.2.3.1.11.1.2.1007	wlsxTrapDefinitionsGroup 1007
<a href="#">wlsxPowerSupplyOK</a>	1.3.6.1.4.1.14823.2.3.1.11.1.2.1008	wlsxTrapDefinitionsGroup 1008

**Table 92** *wlsx Trap Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxFanOK	1.3.6.1.4.1.14823.2.3.1.11.1.2.1009	wlsxTrapDefinitionsGroup 1009
wlsxInRangeVoltage	1.3.6.1.4.1.14823.2.3.1.11.1.2.1010	wlsxTrapDefinitionsGroup 1010
wlsxCoverageHoleResolved	1.3.6.1.4.1.14823.2.3.1.11.1.2.1011	wlsxTrapDefinitionsGroup 1011
wlsxNSwitchIPChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1012	wlsxTrapDefinitionsGroup 1012
wlsxNSwitchRoleChange	1.3.6.1.4.1.14823.2.3.1.11.1.2.1013	wlsxTrapDefinitionsGroup 1013
wlsxNUserEntryCreated	1.3.6.1.4.1.14823.2.3.1.11.1.2.1014	wlsxTrapDefinitionsGroup 1014
wlsxNUserEntryDeleted	1.3.6.1.4.1.14823.2.3.1.11.1.2.1015	wlsxTrapDefinitionsGroup 1015
wlsxNUserEntryAuthenticated	1.3.6.1.4.1.14823.2.3.1.11.1.2.1016	wlsxTrapDefinitionsGroup 1016
wlsxNUserEntryDeAuthenticated	1.3.6.1.4.1.14823.2.3.1.11.1.2.1017	wlsxTrapDefinitionsGroup 1017
wlsxNUserAuthenticationFailed	1.3.6.1.4.1.14823.2.3.1.11.1.2.1018	wlsxTrapDefinitionsGroup 1018
wlsxNAuthServerReqTimedOut	1.3.6.1.4.1.14823.2.3.1.11.1.2.1019	wlsxTrapDefinitionsGroup 1019
wlsxNAuthServerTimedOut	1.3.6.1.4.1.14823.2.3.1.11.1.2.1020	wlsxTrapDefinitionsGroup 1020
wlsxNAuthServerIsUp	1.3.6.1.4.1.14823.2.3.1.11.1.2.1021	wlsxTrapDefinitionsGroup 1021
wlsxNAuthMaxUserEntries	1.3.6.1.4.1.14823.2.3.1.11.1.2.1022	wlsxTrapDefinitionsGroup 1022
wlsxNAuthMaxAclEntries	1.3.6.1.4.1.14823.2.3.1.11.1.2.1023	wlsxTrapDefinitionsGroup 1023
wlsxNAuthMaxBWContracts	1.3.6.1.4.1.14823.2.3.1.11.1.2.1024	wlsxTrapDefinitionsGroup 1024
wlsxNPowerSupplyFailure	1.3.6.1.4.1.14823.2.3.1.11.1.2.1025	wlsxTrapDefinitionsGroup 1025
wlsxNFanFailure	1.3.6.1.4.1.14823.2.3.1.11.1.2.1026	wlsxTrapDefinitionsGroup 1026
wlsxNOutOfRangeVoltage	1.3.6.1.4.1.14823.2.3.1.11.1.2.1027	wlsxTrapDefinitionsGroup 1027
wlsxNOutOfRangeTemperature	1.3.6.1.4.1.14823.2.3.1.11.1.2.1028	wlsxTrapDefinitionsGroup 1028
wlsxNLCInserted	1.3.6.1.4.1.14823.2.3.1.11.1.2.1029	wlsxTrapDefinitionsGroup 1029
wlsxNSCInserted	1.3.6.1.4.1.14823.2.3.1.11.1.2.1030	wlsxTrapDefinitionsGroup 1030
wlsxNGBICInserted	1.3.6.1.4.1.14823.2.3.1.11.1.2.1031	wlsxTrapDefinitionsGroup 1031
wlsxNProcessDied	1.3.6.1.4.1.14823.2.3.1.11.1.2.1032	wlsxTrapDefinitionsGroup 1032
wlsxNProcessExceedsMemoryLimits	1.3.6.1.4.1.14823.2.3.1.11.1.2.1033	wlsxTrapDefinitionsGroup 1033
wlsxNLowOnFlashSpace	1.3.6.1.4.1.14823.2.3.1.11.1.2.1034	wlsxTrapDefinitionsGroup 1034
wlsxNLowMemory	1.3.6.1.4.1.14823.2.3.1.11.1.2.1035	wlsxTrapDefinitionsGroup 1035
wlsxNFanTrayRemoved	1.3.6.1.4.1.14823.2.3.1.11.1.2.1036	wlsxTrapDefinitionsGroup 1036
wlsxNFanTrayInserted	1.3.6.1.4.1.14823.2.3.1.11.1.2.1037	wlsxTrapDefinitionsGroup 1037
wlsxNLCRemoved	1.3.6.1.4.1.14823.2.3.1.11.1.2.1038	wlsxTrapDefinitionsGroup 1038
wlsxNPowerSupplyMissing	1.3.6.1.4.1.14823.2.3.1.11.1.2.1039	wlsxTrapDefinitionsGroup 1039
wlsxNAccessPointsUp	1.3.6.1.4.1.14823.2.3.1.11.1.2.1040	wlsxTrapDefinitionsGroup 1040
wlsxNAccessPointsDown	1.3.6.1.4.1.14823.2.3.1.11.1.2.1041	wlsxTrapDefinitionsGroup 1041
wlsxNCoverageHoleDetected	1.3.6.1.4.1.14823.2.3.1.11.1.2.1042	wlsxTrapDefinitionsGroup 1042

**Table 92** *wlsx Trap Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxNChannelChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1043	wlsxTrapDefinitionsGroup 1043
wlsxNStationAddedToBlackList	1.3.6.1.4.1.14823.2.3.1.11.1.2.1044	wlsxTrapDefinitionsGroup 1044
wlsxNStationRemovedFromBlackList	1.3.6.1.4.1.14823.2.3.1.11.1.2.1045	wlsxTrapDefinitionsGroup 1045
wlsxNIpSpoofingDetected	1.3.6.1.4.1.14823.2.3.1.11.1.2.1046	wlsxTrapDefinitionsGroup 1046
wlsxNDBCommunicationFailure	1.3.6.1.4.1.14823.2.3.1.11.1.2.1047	wlsxTrapDefinitionsGroup 1047
wlsxNVrrpStateChange	1.3.6.1.4.1.14823.2.3.1.11.1.2.1048	wlsxTrapDefinitionsGroup 1048
wlsxNRadioAttributesChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1049	wlsxTrapDefinitionsGroup 1049
wlsxNESIServerUp	1.3.6.1.4.1.14823.2.3.1.11.1.2.1050	wlsxTrapDefinitionsGroup 1050
wlsxNESIServerDown	1.3.6.1.4.1.14823.2.3.1.11.1.2.1051	wlsxTrapDefinitionsGroup 1051
wlsxNLicenseExpiry	1.3.6.1.4.1.14823.2.3.1.11.1.2.1053	wlsxTrapDefinitionsGroup 1053
wlsxUnsecureAPDetected	1.3.6.1.4.1.14823.2.3.1.11.1.2.1053	wlsxTrapDefinitionsGroup 1053
wlsxUnsecureAPResolved	1.3.6.1.4.1.14823.2.3.1.11.1.2.1054	wlsxTrapDefinitionsGroup 1054
wlsxStaImpersonation	1.3.6.1.4.1.14823.2.3.1.11.1.2.1055	wlsxTrapDefinitionsGroup 1055
wlsxReservedChannelViolation	1.3.6.1.4.1.14823.2.3.1.11.1.2.1056	wlsxTrapDefinitionsGroup 1056
wlsxValidSSIDViolation	1.3.6.1.4.1.14823.2.3.1.11.1.2.1057	wlsxTrapDefinitionsGroup 1057
wlsxChannelMisconfiguration	1.3.6.1.4.1.14823.2.3.1.11.1.2.1058	wlsxTrapDefinitionsGroup 1058
wlsxOUIMisconfiguration	1.3.6.1.4.1.14823.2.3.1.11.1.2.1059	wlsxTrapDefinitionsGroup 1059
wlsxSSIDMisconfiguration	1.3.6.1.4.1.14823.2.3.1.11.1.2.1060	wlsxTrapDefinitionsGroup 1060
wlsxShortPreambleMisconfiguration	1.3.6.1.4.1.14823.2.3.1.11.1.2.1061	wlsxTrapDefinitionsGroup 1061
wlsxWPAMisconfiguration	1.3.6.1.4.1.14823.2.3.1.11.1.2.1062	wlsxTrapDefinitionsGroup 1062
wlsxAdhocNetworkDetected	1.3.6.1.4.1.14823.2.3.1.11.1.2.1063	wlsxTrapDefinitionsGroup 1063
wlsxAdhocNetworkRemoved	1.3.6.1.4.1.14823.2.3.1.11.1.2.1064	wlsxTrapDefinitionsGroup 1064
wlsxStaPolicyViolation	1.3.6.1.4.1.14823.2.3.1.11.1.2.1065	wlsxTrapDefinitionsGroup 1065
wlsxRepeatWEPIVViolation	1.3.6.1.4.1.14823.2.3.1.11.1.2.1066	wlsxTrapDefinitionsGroup 1066
wlsxWeakWEPIVViolation	1.3.6.1.4.1.14823.2.3.1.11.1.2.1067	wlsxTrapDefinitionsGroup 1067
wlsxChannelInterferenceDetected	1.3.6.1.4.1.14823.2.3.1.11.1.2.1068	wlsxTrapDefinitionsGroup 1068
wlsxChannelInterferenceCleared	1.3.6.1.4.1.14823.2.3.1.11.1.2.1069	wlsxTrapDefinitionsGroup 1069
wlsxAPIInterferenceDetected	1.3.6.1.4.1.14823.2.3.1.11.1.2.1070	wlsxTrapDefinitionsGroup 1070
wlsxAPIInterferenceCleared	1.3.6.1.4.1.14823.2.3.1.11.1.2.1071	wlsxTrapDefinitionsGroup 1071
wlsxStaInterferenceDetected	1.3.6.1.4.1.14823.2.3.1.11.1.2.1072	wlsxTrapDefinitionsGroup 1072
wlsxStaInterferenceCleared	1.3.6.1.4.1.14823.2.3.1.11.1.2.1073	wlsxTrapDefinitionsGroup 1073
wlsxFrameRetryRateExceeded	1.3.6.1.4.1.14823.2.3.1.11.1.2.1074	wlsxTrapDefinitionsGroup 1074
wlsxFrameReceiveErrorRateExceeded	1.3.6.1.4.1.14823.2.3.1.11.1.2.1075	wlsxTrapDefinitionsGroup 1075
wlsxFrameFragmentationRateExceeded	1.3.6.1.4.1.14823.2.3.1.11.1.2.1076	wlsxTrapDefinitionsGroup 1076



**Table 92** *wlsx Trap Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxFrameBandWidthRateExceeded	1.3.6.1.4.1.14823.2.3.1.11.1.2.1077	wlsxTrapDefinitionsGroup 1077
wlsxFrameLowSpeedRateExceeded	1.3.6.1.4.1.14823.2.3.1.11.1.2.1078	wlsxTrapDefinitionsGroup 1078
wlsxFrameNonUnicastRateExceeded	1.3.6.1.4.1.14823.2.3.1.11.1.2.1079	wlsxTrapDefinitionsGroup 1079
wlsxLoadbalancingEnabled	1.3.6.1.4.1.14823.2.3.1.11.1.2.1080	wlsxTrapDefinitionsGroup 1080
wlsxLoadbalancingDisabled	1.3.6.1.4.1.14823.2.3.1.11.1.2.1081	wlsxTrapDefinitionsGroup 1081
wlsxChannelFrameRetryRateExceeded	1.3.6.1.4.1.14823.2.3.1.11.1.2.1082	wlsxTrapDefinitionsGroup 1082
wlsxChannelFrameFragmentationRateExceeded	1.3.6.1.4.1.14823.2.3.1.11.1.2.1083	wlsxTrapDefinitionsGroup 1083
wlsxChannelFrameErrorRateExceeded	1.3.6.1.4.1.14823.2.3.1.11.1.2.1084	wlsxTrapDefinitionsGroup 1084
wlsxSignatureMatchAP	1.3.6.1.4.1.14823.2.3.1.11.1.2.1085	wlsxTrapDefinitionsGroup 1085
wlsxSignatureMatchSta	1.3.6.1.4.1.14823.2.3.1.11.1.2.1086	wlsxTrapDefinitionsGroup 1086
wlsxChannelRateAnomaly	1.3.6.1.4.1.14823.2.3.1.11.1.2.1087	wlsxTrapDefinitionsGroup 1087
wlsxNodeRateAnomalyAP	1.3.6.1.4.1.14823.2.3.1.11.1.2.1088	wlsxTrapDefinitionsGroup 1088
wlsxNodeRateAnomalySta	1.3.6.1.4.1.14823.2.3.1.11.1.2.1089	wlsxTrapDefinitionsGroup 1089
wlsxEAPRateAnomaly	1.3.6.1.4.1.14823.2.3.1.11.1.2.1090	wlsxTrapDefinitionsGroup 1090
wlsxSignalAnomaly	1.3.6.1.4.1.14823.2.3.1.11.1.2.1091	wlsxTrapDefinitionsGroup 1091
wlsxSequenceNumberAnomalyAP	1.3.6.1.4.1.14823.2.3.1.11.1.2.1092	wlsxTrapDefinitionsGroup 1092
wlsxSequenceNumberAnomalySta	1.3.6.1.4.1.14823.2.3.1.11.1.2.1093	wlsxTrapDefinitionsGroup 1093
wlsxDisconnectStationAttack	1.3.6.1.4.1.14823.2.3.1.11.1.2.1094	wlsxTrapDefinitionsGroup 1094
wlsxApFloodAttack	1.3.6.1.4.1.14823.2.3.1.11.1.2.1095	wlsxTrapDefinitionsGroup 1095
wlsxAdhocNetwork	1.3.6.1.4.1.14823.2.3.1.11.1.2.1096	wlsxTrapDefinitionsGroup 1096
wlsxWirelessBridge	1.3.6.1.4.1.14823.2.3.1.11.1.2.1097	wlsxTrapDefinitionsGroup 1097
wlsxInvalidMacOUIAP	1.3.6.1.4.1.14823.2.3.1.11.1.2.1098	wlsxTrapDefinitionsGroup 1098
wlsxInvalidMacOUISta	1.3.6.1.4.1.14823.2.3.1.11.1.2.1099	wlsxTrapDefinitionsGroup 1099
wlsxWEPMisconfiguration	1.3.6.1.4.1.14823.2.3.1.11.1.2.1100	wlsxTrapDefinitionsGroup 1100
wlsxStaRepeatWEPIVViolation	1.3.6.1.4.1.14823.2.3.1.11.1.2.1101	wlsxTrapDefinitionsGroup 1101
wlsxStaWeakWEPIVViolation	1.3.6.1.4.1.14823.2.3.1.11.1.2.1102	wlsxTrapDefinitionsGroup 1102
wlsxStaAssociatedToUnsecureAP	1.3.6.1.4.1.14823.2.3.1.11.1.2.1103	wlsxTrapDefinitionsGroup 1103
wlsxStaUnAssociatedFromUnsecureAP	1.3.6.1.4.1.14823.2.3.1.11.1.2.1104	wlsxTrapDefinitionsGroup 1104
wlsxAdhocNetworkBridgeDetected	1.3.6.1.4.1.14823.2.3.1.11.1.2.1105	wlsxTrapDefinitionsGroup 1105
wlsxInterferingApDetected	1.3.6.1.4.1.14823.2.3.1.11.1.2.1106	wlsxTrapDefinitionsGroup 1106
wlsxPortUp	1.3.6.1.4.1.14823.2.3.1.11.1.2.1107	wlsxTrapDefinitionsGroup 1107
wlsxPortDown	1.3.6.1.4.1.14823.2.3.1.11.1.2.1108	wlsxTrapDefinitionsGroup 1108
wlsxBSSIDIsUpS	1.3.6.1.4.1.14823.2.3.1.11.1.2.1109	wlsxTrapDefinitionsGroup 1109
wlsxBSSIDIsDown	1.3.6.1.4.1.14823.2.3.1.11.1.2.1110	wlsxTrapDefinitionsGroup 1110

**Table 92** *wlsx Trap Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxColdStart	1.3.6.1.4.1.14823.2.3.1.11.1.2.1111	wlsxTrapDefinitionsGroup 1111
wlsxWarmStart	1.3.6.1.4.1.14823.2.3.1.11.1.2.1112	wlsxTrapDefinitionsGroup 1112
wlsxAPImpersonation	1.3.6.1.4.1.14823.2.3.1.11.1.2.1113	wlsxTrapDefinitionsGroup 1113
wlsxInformQueueOverflow	1.3.6.1.4.1.14823.2.3.1.11.1.2.1114	wlsxTrapDefinitionsGroup 1114
wlsxNAAuthServerIsDown	1.3.6.1.4.1.14823.2.3.1.11.1.2.1115	wlsxTrapDefinitionsGroup 1115
wlsxCTSTransferError	1.3.6.1.4.1.14823.2.3.1.11.1.2.1116	wlsxTrapDefinitionsGroup 1116
wlsxCTSTransferSucceeded	1.3.6.1.4.1.14823.2.3.1.11.1.2.1117	wlsxTrapDefinitionsGroup 1117
wlsxConfigurationUpdateError	1.3.6.1.4.1.14823.2.3.1.11.1.2.1118	wlsxTrapDefinitionsGroup 1118
wlsxConfigurationUpdateSucceeded	1.3.6.1.4.1.14823.2.3.1.11.1.2.1119	wlsxTrapDefinitionsGroup 1119
wlsxGlobalConfigurationChangeNotification	1.3.6.1.4.1.14823.2.3.1.11.1.2.1120	wlsxTrapDefinitionsGroup 1120
wlsxUserEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1121	wlsxTrapDefinitionsGroup 1121
wlsxAPBssidEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1122	wlsxTrapDefinitionsGroup 1122
wlsxAPRadioEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1123	wlsxTrapDefinitionsGroup 1123
wlsxAPEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1124	wlsxTrapDefinitionsGroup 1124
wlsxSwitchListEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1125	wlsxTrapDefinitionsGroup 1125
wlsxPortEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1126	wlsxTrapDefinitionsGroup 1126
wlsxVlanEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1127	wlsxTrapDefinitionsGroup 1127
wlsxVlanInterfaceEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1128	wlsxTrapDefinitionsGroup 1128
wlsxWindowsBridgeDetected	1.3.6.1.4.1.14823.2.3.1.11.1.2.1129	wlsxTrapDefinitionsGroup 1129
wlsxLicenseEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1130	wlsxTrapDefinitionsGroup 1130
wlsxEsiServerChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1131	wlsxTrapDefinitionsGroup 1131
wlsxMonAPEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1132	wlsxTrapDefinitionsGroup 1132
wlsxMonStationEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1133	wlsxTrapDefinitionsGroup 1133
wlsxSignAPNetstumbler	1.3.6.1.4.1.14823.2.3.1.11.1.2.1134	wlsxTrapDefinitionsGroup 1134
wlsxSignStaNetstumbler	1.3.6.1.4.1.14823.2.3.1.11.1.2.1135	wlsxTrapDefinitionsGroup 1135
wlsxSignAPAsleep	1.3.6.1.4.1.14823.2.3.1.11.1.2.1136	wlsxTrapDefinitionsGroup 1136
wlsxSignStaAsleep	1.3.6.1.4.1.14823.2.3.1.11.1.2.1137	wlsxTrapDefinitionsGroup 1137
wlsxSignAPAirjack	1.3.6.1.4.1.14823.2.3.1.11.1.2.1138	wlsxTrapDefinitionsGroup 1138
wlsxSignStaAirjack	1.3.6.1.4.1.14823.2.3.1.11.1.2.1139	wlsxTrapDefinitionsGroup 1139
wlsxSignAPNullProbeResp	1.3.6.1.4.1.14823.2.3.1.11.1.2.1140	wlsxTrapDefinitionsGroup 1140
wlsxSignStaNullProbeResp	1.3.6.1.4.1.14823.2.3.1.11.1.2.1141	wlsxTrapDefinitionsGroup 1141
wlsxSignAPDeauthBcast	1.3.6.1.4.1.14823.2.3.1.11.1.2.1142	wlsxTrapDefinitionsGroup 1142
wlsxSignStaDeauthBcast	1.3.6.1.4.1.14823.2.3.1.11.1.2.1143	wlsxTrapDefinitionsGroup 1143
wlsxWindowsBridgeDetectedAP	1.3.6.1.4.1.14823.2.3.1.11.1.2.1144	wlsxTrapDefinitionsGroup 1144

**Table 92** *wlsx Trap Definitions Group OIDs (Continued)*

Object	Object ID	
wlsxWindowsBridgeDetectedSta	1.3.6.1.4.1.14823.2.3.1.11.1.2.1145	wlsxTrapDefinitionsGroup 1145
wlsxAdhocNetworkBridgeDetectedAP	1.3.6.1.4.1.14823.2.3.1.11.1.2.1146	wlsxTrapDefinitionsGroup 1146
wlsxAdhocNetworkBridgeDetectedSta	1.3.6.1.4.1.14823.2.3.1.11.1.2.1147	wlsxTrapDefinitionsGroup 1147
wlsxDisconnectStationAttackAP	1.3.6.1.4.1.14823.2.3.1.11.1.2.1148	wlsxTrapDefinitionsGroup 1148
wlsxDisconnectStationAttackSta	1.3.6.1.4.1.14823.2.3.1.11.1.2.1149	wlsxTrapDefinitionsGroup 1149
wlsxSuspectUnsecureAPDetected	1.3.6.1.4.1.14823.2.3.1.11.1.2.1150	wlsxTrapDefinitionsGroup 1150
wlsxSuspectUnsecureAPResolved	1.3.6.1.4.1.14823.2.3.1.11.1.2.1151	wlsxTrapDefinitionsGroup 1151
wlsxConfigurationLicenseMismatch	1.3.6.1.4.1.14823.2.3.1.11.1.2.1152	wlsxTrapDefinitionsGroup 1152
wlsxVoiceCdrBufferThresholdReached	1.3.6.1.4.1.14823.2.3.1.11.1.2.1153	wlsxTrapDefinitionsGroup 1153
wlsxTunnelUp	1.3.6.1.4.1.14823.2.3.1.11.1.2.1154	wlsxTrapDefinitionsGroup 1154
wlsxTunnelDown	1.3.6.1.4.1.14823.2.3.1.11.1.2.1155	wlsxTrapDefinitionsGroup 1155
wlsxMeshNodeEntryChanged	1.3.6.1.4.1.14823.2.3.1.11.1.2.1156	wlsxTrapDefinitionsGroup 1156
wlsxHtGreenfieldSupported	1.3.6.1.4.1.14823.2.3.1.11.1.2.1157	wlsxTrapDefinitionsGroup 1157
wlsxHT40MHzIntoleranceAP	1.3.6.1.4.1.14823.2.3.1.11.1.2.1158	wlsxTrapDefinitionsGroup 1158
wlsxHT40MHzIntoleranceSta	1.3.6.1.4.1.14823.2.3.1.11.1.2.1159	wlsxTrapDefinitionsGroup 1159
wlsxNAuthServerAllInService	1.3.6.1.4.1.14823.2.3.1.11.1.2.1160	wlsxTrapDefinitionsGroup 1160
wlsxNAdhocNetwork	1.3.6.1.4.1.14823.2.3.1.11.1.2.1161	wlsxTrapDefinitionsGroup 1161
wlsxNAdhocNetworkBridgeDetectedAP	1.3.6.1.4.1.14823.2.3.1.11.1.2.1162	wlsxTrapDefinitionsGroup 1162
wlsxNAdhocNetworkBridgeDetectedSta	1.3.6.1.4.1.14823.2.3.1.11.1.2.1163	wlsxTrapDefinitionsGroup 1163
wlsxNAuthMaxXsecUserEntries	1.3.6.1.4.1.14823.2.3.1.11.1.2.1164	wlsxTrapDefinitionsGroup 1164
wlsxNVpnMaxSessions	1.3.6.1.4.1.14823.2.3.1.11.1.2.1165	wlsxTrapDefinitionsGroup 1165
wlsxNRapExpiredPSK	1.3.6.1.4.1.14823.2.3.1.11.1.2.1166	wlsxTrapDefinitionsGroup 1166
wlsxNRapWarnExpiredPSK	1.3.6.1.4.1.14823.2.3.1.11.1.2.1167	wlsxTrapDefinitionsGroup 1167
wlsxNConnectionResetWithLocall	1.3.6.1.4.1.14823.2.3.1.11.1.2.1168	wlsxTrapDefinitionsGroup 1168
wlsxNApOnBackupController	1.3.6.1.4.1.14823.2.3.1.11.1.2.1169	wlsxTrapDefinitionsGroup 1169

## **wlsxVLANLinkUp**

<b>Objects</b>	{ wlsxTrapVLANId, wlsxTrapAdminStatus, wlsxTrapOperStatus }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a VLAN interface is up.

## **wlsxVLANLinkDown**

<b>Objects</b>	{ wlsxTrapVLANId, wlsxTrapAdminStatus, wlsxTrapOperStatus }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a VLAN interface is down.

## **wlsxSignatureMatch**

<b>Objects</b>	{ wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPBSSID, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a signature match is detected.

## **wlsxNodeRateAnomaly**

<b>Objects</b>	{ wlsxTrapFrameType, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPBSSID, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a node is exceeding the threshold set for the frame type.

## wlsxNormalTemperature

<b>Objects</b>	{ wlsxTrapTemperatureValue }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the temperature has returned to an acceptable range.

## wlsxProcessRestart

<b>Objects</b>	{ wlsxTrapProcessName }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the named process has been restarted.

## wlsxFlashSpaceOK

<b>Status</b>	current
<b>Description</b>	This trap indicates that the system flash space is back to a sufficient level.

## wlsxMemoryUsageOK

<b>Status</b>	current
<b>Description</b>	This trap indicates that the free memory usage is back to a sufficient level. The system memory threshold is 5 MB.

## wlsxPowerSupplyOK

<b>Status</b>	current
<b>Description</b>	This trap indicates that the system power supply conditions have returned to normal operation status.

## wlsxFanOK

<b>Objects</b>	{ wlsxTrapFanNumber }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the fan has returned to normal.

## wlsxInRangeVoltage

<b>Objects</b>	{ wlsxTrapVoltageType, wlsxTrapVoltageValue }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the switch voltage is back within range.

## **wlsxCoverageHoleResolved**

<b>Objects</b>	{ wlsxTrapAPBSSID, wlsxTrapAPLocation, wlsxTrapNodeMac }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a coverage hole at location wlsxTrapAPLocation has been resolved.
<b>History</b>	Updated in ArubaOS 3.1—description.

## **wlsxNSwitchIPChanged**

<b>Objects</b>	{ wlsxTrapSwitchIp }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the controller IP address has changed.

## **wlsxNSwitchRoleChange**

<b>Objects</b>	{ wlsxTrapSwitchRole }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the role of the controller IP address has changed in the domain.

## **wlsxNUserEntryCreated**

<b>Objects</b>	{ wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a new user is created.

## **wlsxNUserEntryDeleted**

<b>Objects</b>	{ wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a user is deleted.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNUserEntryAuthenticated**

<b>Objects</b>	{ wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress, wlsxTrapUserName, wlsxTrapUserAuthenticatio Method, wlsxTrapUserRole }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a user is authenticated.

**History**

Added in ArubaOS 3.1.0.0.

## **wlsxNUserEntryDeAuthenticated**

<b>Objects</b>	{ wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a user is deauthenticated.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNUserAuthenticationFailed**

<b>Objects</b>	{ wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a user authentication has failed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNAuthServerReqTimedOut**

<b>Objects</b>	{ wlsxTrapAuthServerName }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the authentication server request timed out.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNAuthServerTimedOut**

<b>Objects</b>	{ wlsxTrapAuthServerName, wlsxTrapAuthServerTimeout }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the authentication server timed out.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNAuthServerIsUp**

<b>Objects</b>	{ wlsxTrapAuthServerName }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an authentication server is up.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNAuthMaxUserEntries**

<b>Status</b>	current
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<b>Description</b>	This trap indicates that the user entries table is full and cannot add any more entries.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNAuthMaxAclEntries**

<b>Status</b>	current
<b>Description</b>	This trap indicates the ACL entries table is full and cannot add any more entries.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNAuthMaxBWContracts**

<b>Status</b>	current
<b>Description</b>	This trap indicates the controller reached the maximum number of configurable bandwidth contracts.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNPowerSupplyFailure**

<b>Status</b>	current
<b>Description</b>	This trap indicates the power supply has failed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNFanFailure**

<b>Objects</b>	{ wlsxTrapFanNumber }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the fan has failed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNOutOfRangeVoltage**

<b>Objects</b>	{ wlsxTrapVoltageType, wlsxTrapVoltageValue }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the controller received out-of-range voltage.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNOutOfRangeTemperature**

<b>Objects</b>	{ wlsxTrapTemperatureValue }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the controller internal temperature is out-of-bounds voltage.

**History**

Added in ArubaOS 3.1.0.0.

## **wlsxNLCInserted**

<b>Objects</b>	{ wlsxTrapCardSlot }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a line card is inserted.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNSCInserted**

<b>Objects</b>	{ wlsxTrapCardSlot }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a supervisor card is inserted.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNGBICInserted**

<b>Status</b>	current
<b>Description</b>	This trap indicates that a GBIC is inserted in a line card.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNProcessDied**

<b>Objects</b>	{ wlsxTrapProcessName }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a process has died.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNProcessExceedsMemoryLimits**

<b>Objects</b>	{ wlsxTrapProcessName }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a process is consuming large amounts of memory.
<b>History</b>	Added in ArubaOS 3.1.0.0. This trap is deprecated in ArubaOS 3.4.

## **wlsxNLowOnFlashSpace**

<b>Status</b>	current
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<b>Description</b>	This trap indicates that the controller is running low on flash space.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNLowMemory**

<b>Status</b>	current
<b>Description</b>	This trap indicates that the system free memory is low. The system memory threshold is 5 MB.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNFanTrayRemoved**

<b>Status</b>	current
<b>Description</b>	This trap indicates that a fan tray is removed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNFanTrayInserted**

<b>Status</b>	current
<b>Description</b>	This trap indicates that a fan tray is inserted.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNLCRemoved**

<b>Objects</b>	{ wlsxTrapCardSlot }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a line card is removed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNPowerSupplyMissing**

<b>Status</b>	current
<b>Description</b>	This trap indicates that the power supply is missing.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxNAccessPointIsUp**

<b>Objects</b>	{ wlsxTrapAPMacAddress }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an access point is up.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxNAccessPointIsDown

<b>Objects</b>	{ wlsxTrapAPMacAddress }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an access point is down.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxNCoverageHoleDetected

<b>Objects</b>	{ wlsxTrapAPBSSID, wlsxTrapAPLocation, wlsxTrapNodeMac }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an access point at location wlsxTrapAPLocation has detected a coverage hole.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxNChannelChanged

<b>Objects</b>	{ wlsxTrapAPBSSID, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an access point at location wlsxTrapAPLocation has changed the channel.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxNStationAddedToBlackList

<b>Objects</b>	{ wlsxTrapNodeMac, wlsxTrapStationBlackListReason }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the station is black listed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxNStationRemovedFromBlackList

<b>Objects</b>	{ wlsxTrapNodeMac }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the station is removed from the black list.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxNlpSpoofingDetected

<b>Objects</b>	{ wlsxTrapSpoofedIpAddress, wlsxTrapSpoofedOldPhyAddress, wlsxTrapSpoofedNewPhyAddress }
<b>Status</b>	current
<b>Description</b>	A trap indicating that the controller detected IP spoofing.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxNDBCommunicationFailure

<b>Objects</b>	{ wlsxTrapDBName, wlsxTrapDBUserName, wlsxTrapDBIpAddress, wlsxTrapDBType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that communication with the database failed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxNVrrpStateChange

<b>Objects</b>	{ wlsxTrapVrrpID, wlsxTrapVrrpMasterIp wlsxTrapVrrpOperState }
<b>Status</b>	current
<b>Description</b>	This trap indicates that VRRP state has changed on the controller.

## wlsxNRadioAttributesChanged

<b>Objects</b>	{ wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPIpAddress, wlsxTrapAPChannel, wlsxTrapAPTxFPower }
<b>Status</b>	current
<b>Description</b>	This trap indicates changes in the radio attributes of an access point.

## wlsxNESIServerUp

<b>Objects</b>	{ wlsxTrapESIServerGrpName, wlsxTrapESIServerName, wlsxTrapESIServerIpAddress }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a ESI server is up.

## wlsxNESIServerDown

<b>Objects</b>	{ wlsxTrapESIServerGrpName, wlsxTrapESIServerName, wlsxTrapESIServerIpAddress }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a ESI server is down.



## wlsxNLicenseExpiry

<b>Objects</b>	{ wlsxTrapLicenseDaysRemaining }
<b>Status</b>	current
<b>Description</b>	This trap indicates that one or more licenses on the controller will expire in <a href="#">wlsxTrapLicenseDaysRemaining</a> days.

## wlsxUnsecureAPDetected

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel, wlsxTrapMatchedMac, wlsxTrapMatchedIp, wlsxTrapRogueInfoURL }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an unsecure access point is detected by an air monitor. The AP is declared unsecure, because it is matched to a configured MAC address or IP address.

## wlsxUnsecureAPResolved

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a previously detected unsecure access point is no longer present in the network.

## wlsxStalmpersonation

<b>Objects</b>	{ wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected station impersonation.

## wlsxReservedChannelViolation

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected an access point that is violating the reserved channel configuration.

## wlsxValidSSIDViolation

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
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<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected an access point violating valid SSID configuration.

## wlsxChannelMisconfiguration

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected an access point that has a bad channel configuration.

## wlsxOUIMisconfiguration

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected an access point that has a bad OUI configuration.

## wlsxSSIDMisconfiguration

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an access point has a bad SSID configuration.

## wlsxShortPreambleMisconfiguration

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an access point has bad short preamble configuration.

## wlsxWPAMisconfiguration

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an access point has bad WPA configuration.

## wlsxAdhocNetworkDetected

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>STATUS</b>	current

**Description**

This trap indicates that an air monitor has detected an ad hoc network.

## **wlsxAdhocNetworkRemoved**

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a previously detected ad hoc network is no longer present in the network.

## **wlsxStaPolicyViolation**

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a valid station policy is violated.

## **wlsxRepeatWEPIVViolation**

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected a repeat WEP-IV violation.

## **wlsxWeakWEPIVViolation**

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM detected a weak WEP-IV violation.

## **wlsxChannelInterferenceDetected**

<b>Objects</b>	{ wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor has detected channel interference.

## **wlsxChannelInterferenceCleared**

<b>Objects</b>	{ wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a previously detected channel interference no longer present.

## **wlsxAPIInterferenceDetected**

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor has detected an AP interference on a channel.

## **wlsxAPIInterferenceCleared**

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a previously detected AP interference no longer present.

## **wlsxStalInterferenceDetected**

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor has detected a station interference on a channel.

## **wlsxStalInterferenceCleared**

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a previously detected station interference is no longer present.

## **wlsxFrameRetryRateExceeded**

<b>OBJECT</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor is reporting that an AP has exceeded an upper threshold for frame retry rate for AP.

## **wlsxFrameReceiveErrorRateExceeded**

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapTargetAPChannel, wlsxTrapAPLocation }
<b>Status</b>	current

**Description**

This trap indicates that an air monitor is reporting that an AP has exceeded an upper threshold for frame receive error rate for AP.

## wlsxFrameFragmentationRateExceeded

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapTargetAPChannel, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor is reporting that an AP has exceeded an upper threshold for frame fragmentation rate for AP.

## wlsxFrameBandWidthRateExceeded

<b>Objects</b>	{ wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor is reporting that a station has exceeded the allocated bandwidth rate.

## wlsxFrameLowSpeedRateExceeded

<b>Objects</b>	{ wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor is reporting that a station has exceeded the low speed rate.

## wlsxFrameNonUnicastRateExceeded

<b>Objects</b>	{ wlsxTrapNodeMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor is reporting that a station has exceeded the non-unicast traffic rate.

## wlsxLoadbalancingEnabled

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor is reporting that an AP has enabled load balancing.



## wlsxLoadbalancingDisabled

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor is reporting that an AP has enabled load balancing.

## wlsxChannelFrameRetryRateExceeded

<b>Objects</b>	{ wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor is reporting that it exceeded an upper threshold for frame retry rate.

## wlsxChannelFrameFragmentationRateExceeded

<b>Objects</b>	{ wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor is reporting that it exceeded an upper threshold for frame fragmentation rate.

## wlsxChannelFrameErrorRateExceeded

<b>Objects</b>	{ wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor is reporting that it exceeded an upper threshold for frame error rate.

## wlsxSignatureMatchAP

<b>Objects</b>	{ wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that we detected a signature match from an AP.

## wlsxSignatureMatchSta

<b>Objects</b>	{ wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current

**Description**

This trap indicates that we detected a signature match from a station.

## wlsxChannelRateAnomaly

<b>Objects</b>	{ wlsxTrapFrameType, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected frames on a channel which exceed the configured IDS rate threshold.

## wlsxNodeRateAnomalyAP

<b>Objects</b>	{ wlsxTrapFrameType, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected frames transmitted by an AP which exceed the configured IDS rate threshold.

## wlsxNodeRateAnomalySta

<b>Objects</b>	{ wlsxTrapFrameType, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected frames transmitted by a node which exceed the configured IDS rate threshold.

## wlsxEAPRateAnomaly

<b>Objects</b>	{ wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the number of EAP handshake packets received by an air monitor exceeds the configured IDS EAP handshake rate.

## wlsxSignalAnomaly

<b>Objects</b>	{ wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected a signal anomaly.

## wlsxSequenceNumberAnomalyAP

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
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**Status**

current

**Description**

This trap indicates that an air monitor received packets from an AP which exceeds the acceptable sequence number difference. The acceptable sequence number difference is an IDS configuration object.

## wlsxSequenceNumberAnomalySta

<b>Objects</b>	{ wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor received packets from a node which exceeds the acceptable sequence number difference. The acceptable sequence number difference is an IDS Configuration object.

## wlsxDisconnectStationAttack

<b>Objects</b>	{ wlsxTrapFrameType, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected a station disconnect attack.

## wlsxApFloodAttack

<b>Objects</b>	{ wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap is triggered when the number of spurious APs detected by an air monitor exceeds the configured IDS threshold.

## wlsxAdhocNetwork

<b>Objects</b>	{ wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected an ad hoc network. A station is connected to an ad hoc AP.

## wlsxWirelessBridge

<b>Objects</b>	{ wlsxTrapTransmitterMac, wlsxTrapReceiverMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected a wireless bridge. The detected bridge is between wlsxSourceMac and wlsxReceiverMac.

## wlsxInvalidMacOUIAP

<b>Objects</b>	{ wlsxTrapAddressType, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
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<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected an invalid MAC OUI in transmission from an AP.

## wlsxInvalidMacOUISta

<b>Objects</b>	{ wlsxTrapAddressType, wlsxTrapNodeMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected an invalid MAC OUI in transmission from a station.

## wlsxWEPMisconfiguration

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an access point has a bad WEP configuration.

## wlsxStaRepeatWEPIVViolation

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected a repeat WEP-IV violation for a station.

## wlsxStaWeakWEPIVViolation

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapNodeMac, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected a weak WEP-IV violation for a station.

## wlsxStaAssociatedToUnsecureAP

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapAPLocation, wlsxTrapAPChannel, wlsxTrapRogueInfoURL }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor has detected a station associated with an unsecure access point.

## wlsxStaUnAssociatedFromUnsecureAP

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac }
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<b>Status</b>	current
<b>Description</b>	This trap indicates that a previously detected unsecure AP association is no longer present.



## wlsxAdhocNetworkBridgeDetected

<b>Objects</b>	{ wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor has detected an ad hoc network that is bridging to a wired network.

## wlsxInterferingApDetected

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel, wlsxTrapInterferingAPIInfoURL }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an interfering access point is detected by an air monitor located at wlsrLocation on channel wlsrCurrentChannel.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxPortUp

<b>Objects</b>	{ wlsxTrapCardSlot, wlsxTrapPortNumber, wlsxTrapAdminStatus, wlsxTrapOperStatus }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a physical port is up.

## wlsxPortDown

<b>Objects</b>	{ wlsxTrapCardSlot, wlsxTrapPortNumber, wlsxTrapAdminStatus, wlsxTrapOperStatus }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a physical port is down.

## wlsxBSSIDsUpS

<b>Objects</b>	{ wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPBSSID }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an access point is up.

## wlsxBSSIDsDown

<b>Objects</b>	{ wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPBSSID }
<b>Status</b>	current

**Description**

This trap indicates that an access point is down.

## **wlsxColdStart**

<b>Status</b>	current
<b>Description</b>	An enterprise version of cold start trap, which contains the controller time stamp.

## **wlsxWarmStart**

<b>Status</b>	current
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## **wlsxAPImpersonation**

<b>Objects</b>	{ wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected station impersonation.

## **wlsxInformQueueOverflow**

<b>Objects</b>	{ wlsxTrapHostIp, wlsxTrapHostPort }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an inform queue overflow condition occurred.

## **wlsxNAuthServerIsDown**

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapAuthServerName }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an authentication server is down.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxCTSTransferError**

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapCTSTransferType, wlsxTrapCTSURL }
<b>Status</b>	current
<b>Description</b>	This trap indicates the status of the configuration transfer from the management station.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## **wlsxCTSTransferSucceeded**

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapCTSTransferType, wlsxTrapCTSURL }
<b>Status</b>	current

Description	This trap indicates the status of the configuration transfer from the management station.
History	Added in ArubaOS 3.1.0.0.

## wlsxConfigurationUpdateError

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapConfigurationId, wlsxTrapUpdateFailureReason, wlsxTrapUpdateFailedObj }
<b>Status</b>	current
<b>Description</b>	This trap indicates the configuration update status.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxConfigurationUpdateSucceeded

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapConfigurationId }
<b>Status</b>	current
<b>Description</b>	This trap indicates the configuration update status.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxGlobalConfigurationChangeNotification

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapConfigurationId, wlsxTrapGlobalConfigObj }
<b>Status</b>	current
<b>Description</b>	This trap indicates that global configuration was modified on the controller.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxUserEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapUserIpAddress, wlsxTrapUserPhyAddress, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the user configuration has changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxAPBssidEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPBSSID, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the BSSID configuration has changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxAPRadioEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the radio configuration has changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxAPEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapAPMacAddress, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the AP configuration has changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSwitchListEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapSwitchIp, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the controller list has changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxPortEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapCardSlot, wlsxTrapPortNumber, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the port configuration has changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxVlanEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapVlanId, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the VLAN configuration has changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxVlanInterfaceEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapVlanId, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the VLAN Interface configuration has changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxWindowsBridgeDetected

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor has detected a station that is bridging from a wireless
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxLicenseEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapLicenseId, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the license table has changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxEsiServerChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapESIServerName, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the ESI server table has changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxMonAPEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapTargetAPBSSID, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a monitored AP entry changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxMonStationEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapNodeMac, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a monitored station entry changed.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSignAPNetstumbler

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the system detected a signature match for Netstumbler from an AP. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2005-0025">http://www.wve.org/entries/show/WVE-2005-0025</a> .
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSignStaNetstumbler

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the system detected a signature match for Netstumbler from a station. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2005-0025">http://www.wve.org/entries/show/WVE-2005-0025</a>
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSignAPAsleep

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the system detected a signature match for ASLEAP from an AP. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2005-0027">http://www.wve.org/entries/show/WVE-2005-0027</a>
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSignStaAsleep

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
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<b>Status</b>	current
<b>Description</b>	This trap indicates that the system detected a signature match for ASLEAP from a station. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2005-0027">http://www.wve.org/entries/show/WVE-2005-0027</a>
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSignAPAirjack

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the system detected a signature match for AirJack from an AP. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2005-0018">http://www.wve.org/entries/show/WVE-2005-0018</a>
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSignStaAirjack

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the system detected a signature match for AirJack from a station. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2005-0018">http://www.wve.org/entries/show/WVE-2005-0018</a>
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSignAPNullProbeResp

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the system detected a signature match for Null-Probe-Response from an AP. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2006-0064">http://www.wve.org/entries/show/WVE-2006-0064</a>
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSignStaNullProbeResp

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the system detected a signature match for Null-Probe-Response from a station. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2006-0064">http://www.wve.org/entries/show/WVE-2006-0064</a>
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSignAPDeauthBcast

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the system detected a signature match for Deauth-Broadcast from an AP. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2005-0019">http://www.wve.org/entries/show/WVE-2005-0019</a> <a href="http://www.wve.org/entries/show/WVE-2005-0045">http://www.wve.org/entries/show/WVE-2005-0045</a>
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSignStaDeauthBcast

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSignatureName, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the system detected a signature match for Deauth-Broadcast from a station. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2005-0019">http://www.wve.org/entries/show/WVE-2005-0019</a> <a href="http://www.wve.org/entries/show/WVE-2005-0045">http://www.wve.org/entries/show/WVE-2005-0045</a>
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxWindowsBridgeDetectedAP

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor has detected a station that is bridging from a wireless network to a wired network.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxWindowsBridgeDetectedSta

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor has detected a station that is bridging from a wireless network to a wired network.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxAdhocNetworkBridgeDetectedAP

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor has detected an ad hoc network that is bridging to a wired network.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxAdhocNetworkBridgeDetectedSta

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor has detected an ad hoc network that is bridging to a wired network'
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxDisconnectStationAttackAP

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapFrameType, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected a station disconnect attack. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2005-0045">http://www.wve.org/entries/show/WVE-2005-0045</a> <a href="http://www.wve.org/entries/show/WVE-2005-0046">http://www.wve.org/entries/show/WVE-2005-0046</a> <a href="http://www.wve.org/entries/show/WVE-2005-0048">http://www.wve.org/entries/show/WVE-2005-0048</a>
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxDisconnectStationAttackSta

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapFrameType, wlsxTrapSourceMac, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an air monitor detected a station disconnect attack. For more information refer to: <a href="http://www.wve.org/entries/show/WVE-2005-0045">http://www.wve.org/entries/show/WVE-2005-0045</a> <a href="http://www.wve.org/entries/show/WVE-2005-0046">http://www.wve.org/entries/show/WVE-2005-0046</a> <a href="http://www.wve.org/entries/show/WVE-2005-0048">http://www.wve.org/entries/show/WVE-2005-0048</a>
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSuspectUnsecureAPDetected

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPRadioNumber, wlsxTrapMatchedMac, wlsxTrapMatchedIp, wlsxTrapConfidenceLevel, wlsxTrapAPLocation, wlsxTrapRogueInfoURL }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a suspected unsecure access point is detected by a controller. The access point is suspected to be unsecure with the supplied confidence level, because it was matched to the wired MAC address or IP address.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxSuspectUnsecureAPResolved

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapAPRadioNumber }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a previously detected suspected unsecure access point is no longer present in the network or has changed its state.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxConfigurationLicenseMismatch

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapConfigurationId, wlsxTrapMissingLicenses }
<b>Status</b>	current
<b>Description</b>	This trap indicates the configuration update status in the case where some configuration could not be applied due to missing licenses.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxVoiceCdrBufferThresholdReached

<b>Objects</b>	{ wlsxTrapTime, wlsxVoiceCurrentNumCdr }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the CDR buffer threshold has been reached.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxTunnelUp

<b>Objects</b>	wlsxTrapTime, wlsxTrapTunnelId, wlsxTrapTunnelUpReason, wlsxTrapTunnelStatus }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a tunnel interface is up.

**History**

Added in ArubaOS 3.1.0.0.

## wlsxTunnelDown

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTunnelId, wlsxTrapTunnelDownReason, wlsxTrapTunnelStatus }
<b>Status</b>	current
<b>Description</b>	This trap indicates that a tunnel interface is down.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxMeshNodeEntryChanged

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTableGenNumber,wlsxTrapAPMacAddress, wlsxTrapTableEntryChangeType }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the mesh node configuration has changed.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxHtGreenfieldSupported

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTargetAPBSSID,wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress,wlsxTrapAPRadioNumber, wlsxTrapAPLocation,wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM detected an AP that can supported HT Greenfield mode.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlsxHT40MHzIntoleranceAP

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTargetAPBSSID,wlsxTrapTargetAPSSID, wlsxTrapAPMacAddress,wlsxTrapAPRadioNumber, wlsxTrapAPLocation,wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AP/AM detected an AP that has the HT 40MHz intolerance setting.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlsxHT40MHzIntoleranceSta

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSourceMac,wlsxTrapSnr, wlsxTrapAPChannel,wlsxTrapFrameType, wlsxTrapAPMacAddress,wlsxTrapAPRadioNumber, wlsxTrapAPLocation }
<b>Status</b>	current
<b>Description</b>	This trap indicates that the system detected a HT 40MHz Intolerance setting a Station.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlsxNAuthServerAllInService

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapESIServerGrpName }
<b>Status</b>	current
<b>Description</b>	This trap indicates that all authentication servers in a server group are brought back in service
<b>History</b>	Added in ArubaOS 3.4.1

## wlsxNAdhocNetwork

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM detected an Ad hoc Network. An Station is connected to an ad hoc AP.
<b>History</b>	Added in ArubaOS 3.4.1

## wlsxNAdhocNetworkBridgeDetectedAP

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM has detected an Ad hoc network that is bridging to a wired network
<b>History</b>	Added in ArubaOS 3.4.1

## wlsxNAdhocNetworkBridgeDetectedSta

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapSourceMac, wlsxTrapTargetAPBSSID, wlsxTrapTargetAPSSID, wlsxTrapSnr, wlsxTrapAPMacAddress, wlsxTrapAPRadioNumber, wlsxTrapAPLocation, wlsxTrapAPChannel }
<b>Status</b>	current
<b>Description</b>	This trap indicates that an AM has detected an Ad hoc network that is bridging to a wired network
<b>History</b>	Added in ArubaOS 3.4.1

## wlsxNAuthMaxXsecUserEntries

<b>Objects</b>	{ wlsxTrapTime }
<b>Status</b>	current



**Description** A trap which indicates that the xSec user limit is reached.

**History** Added in ArubaOS 3.4.1

## wlsxNVpnMaxSessions

<b>Objects</b>	{ wlsxTrapTime }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that the VPN session limit is reached.
<b>History</b>	Added in ArubaOS 3.4.1

## wlsxNRapExpiredPSK

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapAPIpAddress, wlsxTrapApSerialNumber }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that the RAP is using the Expired PSK.
<b>History</b>	Added in ArubaOS 3.4.1

## wlsxNRapWarnExpiredPSK

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapTimeStr }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that the Cached IKE PSK for RAPs will expire soon.
<b>History</b>	Added in ArubaOS 3.4.1

## wlsxNConnectionResetWithLocal

<b>Objects</b>	{ wlsxTrapTime, wlsxTrapMasterName, wlsxTrapMasterIp, wlsxTrapLocalName, wlsxTrapLocalIp, wlsxTrapTimeStr }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that tcp connection between master controller and local controller has been lost.
<b>History</b>	Added in ArubaOS 3.4.1

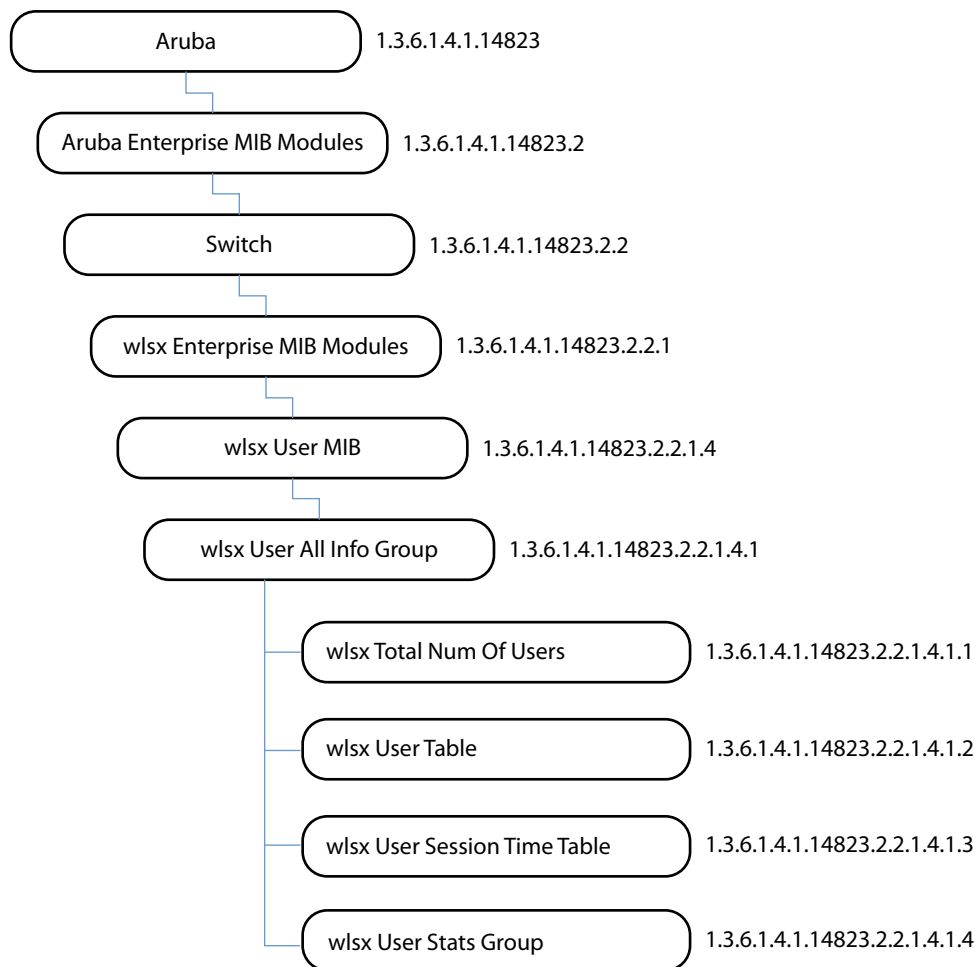
## wlsxNApOnBackupController

<b>Objects</b>	{ Objects wlsxTrapTime, wlsxTrapAPMacAddress, wlsxTrapBackupControllerIp, wlsxTrapPrimaryControllerIp }
<b>Status</b>	current
<b>Description</b>	A trap which indicates that tcp connection between master controller and local controller has been lost.
<b>History</b>	Added in ArubaOS 3.4.1

The User module provides information about the *user*, the party connected to the controller. Information includes the total number of users, name and access-level of the user, the physical location of the user's station, and so on. *User* MIBs support IPv4. For IPv6 support, see [Chapter 16 on page 447](#).

[Figure 16](#) shows the architecture of the User MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The User MIBs are listed in the file *aruba-user.my*. For information about downloading Dell MIB files, see [“Downloading MIB Files” on page 23](#).

**Figure 16** *User Hierarchy*



The User MIB contains the following tables.

**Table 93** *User MIB Tables*

Table	Description
<a href="#">wlsxTotalNumOfUsers</a>	This table lists the total number of users connected to the controller.

**Table 93** *User MIB Tables (Continued)*

Table	Description
wlsxUserTable	This table lists all the users (both wired and wireless) currently connected to the controller. Users are identified by their MAC address and IP address.
wlsxUserSessionTimeTable	This table lists the user session time counts on an ESSID. The session times are sorted by time length (duration).
wlsxUserStatsGroup	This table lists the user count information based on the authentication type.

## wlsxTotalNumOfUsers

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This table lists the total number of users.

## wlsxUserTable

The object of the wlsx User table is actually a counter—it lists all the users (both wired and wireless) that are connected to the controller. Users are identified by their MAC address and IP address.

**Table 94** *wlsxUserTable OIDs*

Object	Object ID	
wlsxUserEntry	1.3.6.1.4.1.14823.2.2.1.4.1.2.1	wlsxUserTable 1
nUserPhyAddress	1.3.6.1.4.1.14823.2.4.1.2.1.1	wlsxUserEntry 1
nUserIpAddress	1.3.6.1.4.1.14823.2.4.1.2.1.2	wlsxUserEntry 2
nUserName	1.3.6.1.4.1.14823.2.4.1.2.1.3	wlsxUserEntry 3
nUserRole	1.3.6.1.4.1.14823.2.4.1.2.1.4	wlsxUserEntry 4
nUserUpTime	1.3.6.1.4.1.14823.2.4.1.2.1.5	wlsxUserEntry 5
nUserAuthenticationMethod	1.3.6.1.4.1.14823.2.4.1.2.1.6	wlsxUserEntry 6
nUserSubAuthenticationMethod	1.3.6.1.4.1.14823.2.4.1.2.1.7	wlsxUserEntry 7
nUserAuthServerName	1.3.6.1.4.1.14823.2.4.1.2.1.8	wlsxUserEntry 8
nUserExtVPNAddress	1.3.6.1.4.1.14823.2.4.1.2.1.9	wlsxUserEntry 9
nUserApLocation	1.3.6.1.4.1.14823.2.4.1.2.1.10	wlsxUserEntry 10
nUserApBSSID	1.3.6.1.4.1.14823.2.4.1.2.1.11	wlsxUserEntry 11
nUserIsOnHomeAgent	1.3.6.1.4.1.14823.2.4.1.2.1.12	wlsxUserEntry 12
nUserHomeAgentIpAddress	1.3.6.1.4.1.14823.2.4.1.2.1.13	wlsxUserEntry 13
nUserMobilityStatus	1.3.6.1.4.1.14823.2.4.1.2.1.14	wlsxUserEntry 14
nUserHomeVLAN	1.3.6.1.4.1.14823.2.4.1.2.1.15	wlsxUserEntry 15

**Table 94** *wlsxUserTable OIDs (Continued)*

Object	Object ID	
nUserDefaultVLAN	1.3.6.1.4.1.14823.2.4.1.2.1.16	wlsxUserEntry 16
nUserAssignedVLAN	1.3.6.1.4.1.14823.2.4.1.2.1.17	wlsxUserEntry 17
nUserBWContractName	1.3.6.1.4.1.14823.2.4.1.2.1.18	wlsxUserEntry 18
nUserBWContractUsage	1.3.6.1.4.1.14823.2.4.1.2.1.19	wlsxUserEntry 19
nUserBWContractId	1.3.6.1.4.1.14823.2.4.1.2.1.20	wlsxUserEntry 20
nUserIsProxyArpEnabled	1.3.6.1.4.1.14823.2.4.1.2.1.21	wlsxUserEntry 21
nUserCurrentVLAN	1.3.6.1.4.1.14823.2.4.1.2.1.22	wlsxUserEntry 22
nUserIsWired	1.3.6.1.4.1.14823.2.4.1.2.1.23	wlsxUserEntry 23
nUserConnectedSlot	1.3.6.1.4.1.14823.2.4.1.2.1.24	wlsxUserEntry 24
nUserConnectedPort	1.3.6.1.4.1.14823.2.4.1.2.1.25	wlsxUserEntry 25
nUserPhyType	1.3.6.1.4.1.14823.2.4.1.2.1.26	wlsxUserEntry 26
nUserMobilityDomainName	1.3.6.1.4.1.14823.2.4.1.2.1.27	wlsxUserEntry 27
nUserUPBWContractName	1.3.6.1.4.1.14823.2.4.1.2.1.28	wlsxUserEntry 28
nUserUPBWContractUsage	1.3.6.1.4.1.14823.2.4.1.2.1.29	wlsxUserEntry 29
nUserUPBWContractId	1.3.6.1.4.1.14823.2.4.1.2.1.30	wlsxUserEntry 30
nUserDNBWContractName	1.3.6.1.4.1.14823.2.4.1.2.1.31	wlsxUserEntry 31
nUserDNBWContractUsage	1.3.6.1.4.1.14823.2.4.1.2.1.32	wlsxUserEntry 32
nUserDNBWContractId	1.3.6.1.4.1.14823.2.4.1.2.1.33	wlsxUserEntry 33
nUserHTMode	1.3.6.1.4.1.14823.2.4.1.2.1.34	wlsxUserEntry 34
nUserForwardMode	1.3.6.1.4.1.14823.2.4.1.2.1.35	wlsxUserEntry 35
nUserEncryptionMethod	1.3.6.1.4.1.14823.2.4.1.2.1.36	wlsxUserEntry 36

## wlsxUserEntry

<b>Syntax</b>	wlsxUserEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User entry
<b>Index</b>	{ nUserPhyAddress, nUserIpAddress }
<b>History</b>	Added in ArubaOS 2.3.

## nUserPhyAddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Physical address of the station from which the user connected to the controller.
<b>History</b>	Added in ArubaOS 2.3.

## nUserIpAddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	IP address of the user.
<b>History</b>	Added in ArubaOS 2.3.

## **nUserName**

<b>Syntax</b>	DisplayString(SIZE(0..128))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the user.
<b>History</b>	Added in ArubaOS 2.3.

## **nUserRole**

<b>Syntax</b>	DisplayString(SIZE(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The role configured for this user.
<b>History</b>	Added in ArubaOS 2.3.

## **nUserUpTime**

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time since the user connected to the controller.
<b>History</b>	Added in ArubaOS 2.3.

## **nUserAuthenticationMethod**

<b>Syntax</b>	ArubaAuthenticationMethods
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Authentication mechanism used by the user to connect to the controller.
<b>History</b>	Added in ArubaOS 2.3.

## **nUserSubAuthenticationMethod**

<b>Syntax</b>	ArubaSubAuthenticationMethods
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Sub-authentication method
<b>History</b>	Added in ArubaOS 2.3.



## **nUserAuthServerName**

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the authentication server used to authenticate the user.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—description

## **nUserExtVPNAddress**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	External VPN IP address if this is a VPN user, or 0.0.0.0 if not.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—description.

## **nUserApLocation**

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Location of the access point with which the user used is associated.
<b>History</b>	Updated in ArubaOS 3.2.0.0.—description.

## **nUserApBSSID**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	BSSID of the access point which the user used to connect to the controller.

## **nUserIsOnHomeAgent**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	The object will indicate if the controller is the home controller for the user or not.
<b>History</b>	Added in ArubaOS 2.3.

## nUserHomeAgentIpAddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The home agent IP address of the user. If this user is already on the home controller, then this IP is the controller IP address. Otherwise, it is the home controller IP address
<b>History</b>	Added in ArubaOS 2.3.

## nUserMobilityStatus

<b>Syntax</b>	Integer visitor(1) away(2) associated(3) wired(4)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The mobility status of the user.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—addition of syntax item (4)

## nUserHomeVLAN

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Home VLAN of the user. If the user is on the home controller, then this VLAN will be the same as <i>userDefaultVLAN</i> .
<b>History</b>	Added in ArubaOS 2.3.

## nUserDefaultVLAN

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Default VLAN of the user based on the access point configuration.
<b>History</b>	Added in ArubaOS 2.3.

## **nUserAssignedVLAN**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This VLAN will be different from the default VLAN if the user has a derived VLAN configuration.
<b>History</b>	Added in ArubaOS 2.3.

## **nUserBWContractName**

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	Name of the bandwidth contract applied to this user.
<b>History</b>	Added in ArubaOS 2.3. Deprecated in ArubaOS 3.2.0.0.

## **nUserBWContractUsage**

<b>Syntax</b>	Integer user(1) shared(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates how the bandwidth contract is used.
<b>History</b>	Added in ArubaOS 2.3. Deprecated in ArubaOS 3.2.0.0.

## **nUserBWContractId**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Bandwidth contract ID assigned to the user
<b>History</b>	Added in ArubaOS 2.3. Deprecated in ArubaOS 3.2.0.0.

## **nUserIsProxyArpEnabled**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates if the controller is proxy ARPing for the user.

## **nUserCurrentVLAN**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The VLAN to which the user is currently bound.

## **nUserIsWired**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether this is a wired or wireless user.
<b>History</b>	Added in ArubaOS 2.3.

## **nUserConnectedSlot**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The slot to which the user is connected, if wired.
<b>History</b>	Added in ArubaOS 2.3.

## **nUserConnectedPort**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The port to which the user is connected, if wired.

**History**

Added in ArubaOS 2.3.

## **nUserPhyType**

<b>Syntax</b>	ArubaPhyType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The wireless PHY type to which the user is associated or wired.
<b>History</b>	Added in ArubaOS 3.1

## **nUserMobilityDomainName**

<b>Syntax</b>	DisplayString(SIZE(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The name of the mobility domain to which the mobile user belongs.
<b>History</b>	Added in ArubaOS 3.1

## **nUserUPBWContractName**

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the upstream bandwidth contract applied to this user.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **nUserUPBWContractUsage**

<b>Syntax</b>	Integer user(1), shared(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates how the upstream bandwidth contract is used.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **nUserUPBWContractId**

<b>Syntax</b>	Integer32
---------------	-----------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Upstream bandwidth contract ID assigned to the user.
<b>History</b>	Added in ArubaOS 3.2.0.0.



## **nUserDNBWContractName**

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the downstream bandwidth contract applied to this user.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **nUserDNBWContractUsage**

<b>Syntax</b>	Integer user(1) shared(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates how the downstream bandwidth contract is used.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **nUserDNBWContractId**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Downstream bandwidth contract ID assigned to the user.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **nUserHTMode**

<b>Syntax</b>	ArubaHTMode
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The HT mode of this user, if any.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUserForwardMode**

<b>Syntax</b>	ArubaUserForwardMode
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The User mode.
<b>History</b>	Added in ArubaOS 5.0

## nUserEncryptionMethod

<b>Syntax</b>	ArubaEncryptionMethod
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Provides encryption method information through SNMP.
<b>History</b>	Added in ArubaOS 3.4

## wlsxUserSessionTimeTable

The objects of the wlsx User Session Time table list the user session time counts on an ESSID. The sessions are sorted by time length. The sessions that last longer than 240 minutes are sorted in the 240 minute *bucket*.

**Table 95** *wlsxUserSessionTimeTable* OIDs

Object	Object ID	
<a href="#">wlsxUserSessionTimeEntry</a>	1.3.6.1.4.1.14823.2.2.1.4.1.3.1	wlsxUserSessionTimeTable 1
<a href="#">wlsxUserSessionTimeLength</a>	1.3.6.1.4.1.14823.2.2.1.4.1.3.1.1	wlsxUserSessionTimeEntry 1
<a href="#">wlsxUserSessionTimeCount</a>	1.3.6.1.4.1.14823.2.2.1.4.1.3.1.2	wlsxUserSessionTimeEntry 2

## wlsxUserSessionTimeEntry

<b>Syntax</b>	wlsxUserSessionTimeEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User session time data, divided into buckets of different time length.
<b>Index</b>	{ wlanESSID, wlsxUserSessionTimeLength }
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxUserSessionTimeLength

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Pre-defined user session time length.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxUserSessionTimeCount

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Number of users that are connected to the ESSID whose sessions expired in this time interval.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxUserStatsGroup

The objects of the wlsx User Stats Group table provide user statistics information based on authentication types.

**Table 96** *wlsxUserStatsGroup OIDs*

Object	Object ID	
wlsxNumOfUsers8021x	1.3.6.1.4.1.14823.2.2.1.4.1.4.1	wlsxUserStatsGroup 1
wlsxNumOfUsersVPN	1.3.6.1.4.1.14823.2.2.1.4.1.4.2	wlsxUserStatsGroup 2
wlsxNumOfUsersCP	1.3.6.1.4.1.14823.2.2.1.4.1.4.3	wlsxUserStatsGroup 3
wlsxNumOfUsersMAC	1.3.6.1.4.1.14823.2.2.1.4.1.4.4	wlsxUserStatsGroup 4
wlsxNumOfUsersStateful8021x	1.3.6.1.4.1.14823.2.2.1.4.1.4.5	wlsxUserStatsGroup 5

## wlsxNumOfUsers8021x

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of 802.1x users
<b>History</b>	Added in ArubaOS 3.4

## wlsxNumOfUsersVPN

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of VPN users.
<b>History</b>	Added in ArubaOS 3.4

## **wlsxNumOfUsersCP**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of Captive Portal users.
<b>History</b>	Added in ArubaOS 3.4

## **wlsxNumOfUsersMAC**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of MAC users.
<b>History</b>	Added in ArubaOS 3.4

## **wlsxNumOfUsersStateful8021x**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of stateful 802.1x users.
<b>History</b>	Added in ArubaOS 3.4

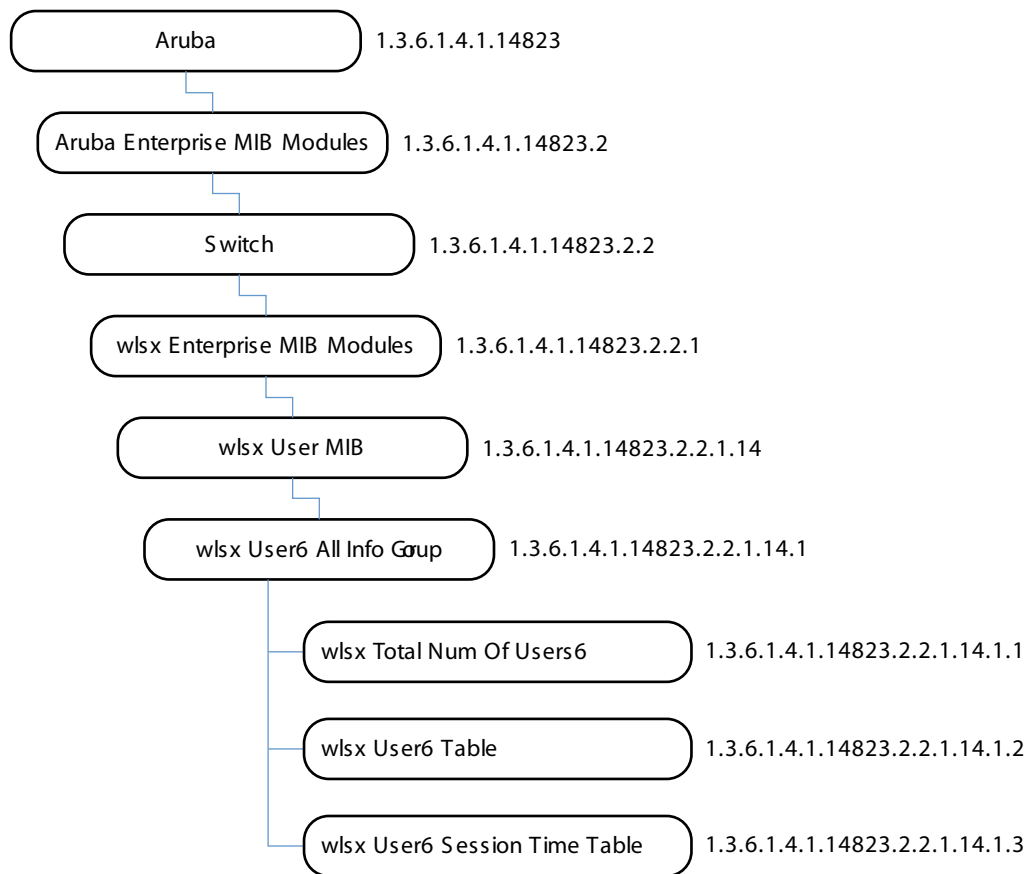


The User6 module supports IPv6 users. This module provides information about the users, the party connected to the controller. Information includes the total number of users, name and access-level of the user, the physical location of the user's station, and so on.

For IPv4 support, see [Chapter 15 on page 427](#).

Figure 17 shows the architecture of the User6 MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The User MIBs are listed in the file *aruba-user6.my*. For information about downloading Dell MIB files, see [Downloading MIB Files on page 23](#).

**Figure 17** *User6 Hierarchy*



The User6 MIB contains the following tables.

**Table 97** *User6 MIB Tables*

Table	Description
<a href="#">wlsxUser6AllInfoGroup</a>	This table lists the total number of users connected to the controller.

**Table 97** *User6 MIB Tables (Continued)*

Table	Description
wlsxUser6Table	This table lists all the users (both wired and wireless) currently connected to the controller. Users are identified by their MAC address and IP address.
wlsxUser6SessionTimeTable	This table lists the user session time counts on an ESSID. The session times are sorted by time length (duration).

## wlsxUser6AllInfoGroup

The wlsx User6 All Information Group contains information about the users in the controller.

### wlsxTotalNumOfUsers6

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total Number of the users.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlsxUser6Table

The wlsx User6 Table lists all the users both wired and wireless that are currently connected to the controller. Users are identified by their MAC address and their IP address.

**Table 98** *wlsxUser6AllInfoGroup Objects*

Object	Object ID	
wlsxUser6Entry	1.3.6.1.4.1.14823.2.2.1.14.1.2	wlsxUser6AllInfoGroup 2
nUser6PhyAddress	1.3.6.1.4.1.14823.2.2.1.14.1.2.1	wlsxUser6Entry 1
nUser6IpAddress	1.3.6.1.4.1.14823.2.2.1.14.1.2.2	wlsxUser6Entry 2
nUser6Name	1.3.6.1.4.1.14823.2.2.1.14.1.2.3	wlsxUser6Entry 3
nUser6Role	1.3.6.1.4.1.14823.2.2.1.14.1.2.4	wlsxUser6Entry 4
nUser6UpTime	1.3.6.1.4.1.14823.2.2.1.14.1.2.5	wlsxUser6Entry5
nUser6AuthenticationMethod	1.3.6.1.4.1.14823.2.2.1.14.1.2.6	wlsxUser6Entry 6
nUser6SubAuthenticationMethod	1.3.6.1.4.1.14823.2.2.1.14.1.2.7	wlsxUser6Entry 7
nUser6AuthServerName	1.3.6.1.4.1.14823.2.2.1.14.1.2.8	wlsxUser6Entry 8
nUser6ExtVPNAddress	1.3.6.1.4.1.14823.2.2.1.14.1.2.9	wlsxUser6Entry 9
nUser6ApLocation	1.3.6.1.4.1.14823.2.2.1.14.1.2.10	wlsxUser6Entry 10
nUser6ApBSSID	1.3.6.1.4.1.14823.2.2.1.14.1.2.11	wlsxUser6Entry 11
nUser6IsOnHomeAgent	1.3.6.1.4.1.14823.2.2.1.14.1.2.12	wlsxUser6Entry 12
nUser6HomeAgentIpAddress	1.3.6.1.4.1.14823.2.2.1.14.1.2.13	wlsxUser6Entry 13



**Table 98** *wlsxUser6AllInfoGroup Objects*

Object	Object ID	
nUser6MobilityStatus	1.3.6.1.4.1.14823.2.2.1.14.1.2.14	wlsxUser6Entry 14
nUser6HomeVLAN	1.3.6.1.4.1.14823.2.2.1.14.1.2.15	wlsxUser6Entry 15
nUser6DefaultVLAN	1.3.6.1.4.1.14823.2.2.1.14.1.2.16	wlsxUser6Entry 16
nUser6AssignedVLAN	1.3.6.1.4.1.14823.2.2.1.14.1.2.17	wlsxUser6Entry 17
nUser6BWContractName	1.3.6.1.4.1.14823.2.2.1.14.1.2.18	wlsxUser6Entry 18
nUser6BWContractUsage	1.3.6.1.4.1.14823.2.2.1.14.1.2.19	wlsxUser6Entry 19
nUser6BWContractId	1.3.6.1.4.1.14823.2.2.1.14.1.2.20	wlsxUser6Entry 20
nUser6IsProxyArpEnabled	1.3.6.1.4.1.14823.2.2.1.14.1.2.21	wlsxUser6Entry 21
nUser6CurrentVLAN	1.3.6.1.4.1.14823.2.2.1.14.1.2.22	wlsxUser6Entry 22
nUser6IsWired	1.3.6.1.4.1.14823.2.2.1.14.1.2.23	wlsxUser6Entry 23
nUser6ConnectedSlot	1.3.6.1.4.1.14823.2.2.1.14.1.2.24	wlsxUser6Entry 24
nUser6ConnectedPort	1.3.6.1.4.1.14823.2.2.1.14.1.2.25	wlsxUser6Entry 25
nUser6PhyType	1.3.6.1.4.1.14823.2.2.1.14.1.2.26	wlsxUser6Entry 26
nUser6MobilityDomainName	1.3.6.1.4.1.14823.2.2.1.14.1.2.27	wlsxUser6Entry 27
nUser6UPBWContractName	1.3.6.1.4.1.14823.2.2.1.14.1.2.28	wlsxUser6Entry 28
nUser6UPBWContractUsage	1.3.6.1.4.1.14823.2.2.1.14.1.2.29	wlsxUser6Entry 29
nUser6UPBWContractId	1.3.6.1.4.1.14823.2.2.1.14.1.2.30	wlsxUser6Entry 30
nUser6DNBWContractName	1.3.6.1.4.1.14823.2.2.1.14.1.2.31	wlsxUser6Entry 31
nUser6DNBWContractUsage	1.3.6.1.4.1.14823.2.2.1.14.1.2.32	wlsxUser6Entry 32
nUser6DNBWContractId	1.3.6.1.4.1.14823.2.2.1.14.1.2.33	wlsxUser6Entry 33
nUser6HTMode	1.3.6.1.4.1.14823.2.2.1.14.1.2.34	wlsxUser6Entry 34

## wlsxUser6Entry

<b>Syntax</b>	wlsxUser6Entry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User Entry
<b>Index</b>	{ nUser6PhyAddress, nUser6IpAddress }

## nUser6PhyAddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	MAC address of the station from which the user connected to the controller.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## nUser6IpAddress

<b>Syntax</b>	DisplayString(SIZE(0..128))
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	IPv6 Address of the user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## nUser6Name

<b>Syntax</b>	DisplayString(SIZE(0..128))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the User.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## nUser6Role

<b>Syntax</b>	DisplayString(SIZE(0..64))
<b>Max-Access</b>	read-onl

<b>Status</b>	current
<b>Description</b>	The Role configured for this user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6UpTime**

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time since the user connected to the controller.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6AuthenticationMethod**

<b>Syntax</b>	ArubaAuthenticationMethods
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Authentication mechanism used by the user to connect to the controller.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6SubAuthenticationMethod**

<b>Syntax</b>	ArubaSubAuthenticationMethods
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Sub Authentication Method
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6AuthServerName**

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the authentication server used to authenticate the user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6ExtVPNAddress**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	External VPN IP Address, if this is a VPN user or 0.0.0.0 if not.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6ApLocation**

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Location of the access point to which the user is associated.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6ApBSSID**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	BSSID of the access point that the user used to connect to the controller.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6IsOnHomeAgent**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The Object will indicate if the controller is the home controller for the user or not.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6HomeAgentIpAddress**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The Home agent IP Address of the user. If this user is already on the home controller, then this IP is the controller IP else it is the home controller IP address.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## nUser6MobilityStatus

<b>Syntax</b>	Integer visitor(1) away(2) associated(3) wired(4) }
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The Mobility Status of the User.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## nUser6HomeVLAN

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Home VLAN of the User. If the user is on the home controller then this VLAN will be same as userDefaultVLAN.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6DefaultVLAN**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Default VLAN of the User based on the AP configuration.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6AssignedVLAN**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This VLAN will be different from the Default VLAN if the user has a derived VLAN Configuration.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6BWContractName**

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	Name of the Bandwidth Contract applied to this user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6BWContractUsage**

<b>Syntax</b>	Integer user(1) shared(2)
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	Indicates how the Bandwidth Contract is used.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6BWContractId**

<b>Syntax</b>	Integer32
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<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	Bandwidth Contract Id Assigned to the User
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6IsProxyArpEnabled**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This object will indicate if the controller is proxy ARPing for the user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6CurrentVLAN**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The VLAN to which the user is currently bound.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6IsWired**

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether this is a wired or wireless user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6ConnectedSlot**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The slot to which the user is connected, if wired.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6ConnectedPort**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	The port to which the user is connected, if wired.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## nUser6PhyType

<b>Syntax</b>	ArubaPhyType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The wireless PHY type to which the user is associated, or 'wired'.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## nUser6MobilityDomainName

<b>Syntax</b>	DisplayString(SIZE(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The name of mobility domain to which the mobile user belongs.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## nUser6UPBWContractName

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the Upstream Bandwidth Contract applied to this user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## nUser6UPBWContractUsage

<b>Syntax</b>	Integer user(1), shared(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates how the Upstream Bandwidth Contract is used.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## nUser6UPBWContractId

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Upstream Bandwidth Contract Id Assigned to the User
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6DNBWContractName**

<b>Syntax</b>	DisplayString(SIZE(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Name of the Downstream Bandwidth Contract applied to this user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6DNBWContractUsage**

<b>Syntax</b>	Integer user(1) shared(2)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates how the Downstream Bandwidth Contract is used.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6DNBWContractId**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Downstream Bandwidth Contract ID Assigned to the user.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **nUser6HTMode**

<b>Syntax</b>	ArubaHTMode
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The HT mode of this user, if any.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **wlsxUser6SessionTimeTable**

The objects of the wlsx User5 Session Time table lists the user session time counts on an ESSID. The session times are separated into predefined time length buckets. Sessions that last longer than 240 minutes fall into the

240min bucket.

**Table 99** *wlsxUser6SessionTimeTable OIDs*

Object	Object ID	
wlsxUser6SessionTimeEntry	1.3.6.1.4.1.14823.2.2.1.14.1.3	wlsxUser6SessionTimeTable 1
wlsxUser6SessionTimeLength	1.3.6.1.4.1.14823.2.2.1.14.1.3.1	wlsxUser6SessionTimeEntry 1
wlsxUser6SessionTimeCount	1.3.6.1.4.1.14823.2.2.1.14.1.3.2	wlsxUser6SessionTimeEntry 2

### **wlsxUser6SessionTimeEntry**

<b>Syntax</b>	wlsxUser6SessionTimeEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User session time data, divided into buckets of different time lengths
<b>Index</b>	{ wlanESSID, wlsxUser6SessionTimeLength }

### **wlsxUser6SessionTimeLength**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Pre-defined user session time length.
<b>History</b>	Added in ArubaOS 3.3.0.0.

### **wlsxUser6SessionTime**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Number of users that are connected to the essid whose sessions expired in this time interval.
<b>History</b>	Added in ArubaOS 3.3.0.0.





The Voice module provides information about Voice call status and call detail reporting.

[Figure 18](#) shows the architecture of the User MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The Voice MIBs are listed in the file *aruba-voice.my*. For information about downloading Dell MIB files, see [“Downloading MIB Files” on page 23](#).

**Figure 18** *Voice Hierarchy*



**Table 100** *Voice MIB Objects*

Table	Description
<a href="#">wlsxVoiceCdrTotal</a>	This object lists the total number of call detail records of the controller.
<a href="#">wlsxVoiceCdrTable</a>	This table lists information of the call detail records of the controller.
<a href="#">Voice Call Center Group</a>	This table lists the number of calls through the call center.
<a href="#">wlsxVoiceClientTotal</a>	This table lists the total number of active calls of the client.
<a href="#">wlsxVoiceClientTable</a>	This table lists all voice client information.
<a href="#">wlsxVoiceAPBssidTotal</a>	This object lists the total number of active VoIP.
<a href="#">wlsxVoiceAPBssidTable</a>	This table lists active VoIP information.

## wlsxVoiceCdrTotal

The integer object of wlsx Voice CDR total lists the total number of Call Detail Records of the controller.

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of CDR information in the controller.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxVoiceCdrTable

The objects of the wlsx Voice CDR table list information of the Call Detail Records of the controller.

**Table 101** *wlxs Voice CDR Table OIDs*

Object	Object ID	
wlsxVoiceCdrEntry	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1	wlsxVoiceCdrTable 1
voiceCdrId	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.1	wlsxVoiceCdrEntry 1
voiceCdrIp	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.2	wlsxVoiceCdrEntry 2
voiceCdrMac	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.3	wlsxVoiceCdrEntry 3
voiceCdrName	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.4	wlsxVoiceCdrEntry 4
voiceCdrDialNum	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.5	wlsxVoiceCdrEntry 5
voiceCdrDir	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.6	wlsxVoiceCdrEntry 6
voiceCdrOrigTime	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.7	wlsxVoiceCdrEntry 7
voiceCdrSetupTime	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.8	wlsxVoiceCdrEntry 8
voiceCdrTeardownTime	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.9	wlsxVoiceCdrEntry 9
voiceCdrStatus	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.10	wlsxVoiceCdrEntry 10
voiceCdrReason	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.11	wlsxVoiceCdrEntry 11
voiceCdrDuration	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.12	wlsxVoiceCdrEntry 12
voiceCdrRValue	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.13	wlsxVoiceCdrEntry 13
voiceCdrApSwitchDelay	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.14	wlsxVoiceCdrEntry 14
voiceCdrCodec	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.15	wlsxVoiceCdrEntry 15
voiceCdrApName	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.16	wlsxVoiceCdrEntry 16
voiceCdrApMac	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.17	wlsxVoiceCdrEntry 17
voiceCdrBssid	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.18	wlsxVoiceCdrEntry 18
voiceCdrEssid	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.19	wlsxVoiceCdrEntry 19
voiceCdrHandovers	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.20	wlsxVoiceCdrEntry 20
voiceCdrMOS	1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.21	wlsxVoiceCdrEntry 21

## **wlsxVoiceCdrEntry**

<b>Syntax</b>	VoiceCdrEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Entry point.
<b>Index</b>	{voiceCdrId}
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrId**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Voice CDR ID/
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrIp**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR IP.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrMac**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR MAC.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrName**

<b>Syntax</b>	DisplayString
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR name.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrDialNum**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR dialed number.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrDir**

<b>Syntax</b>	ArubaVoiceCdrDirection
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR direction incoming or outgoing.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrOrigTime**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR original time.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrSetupTime**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR setup time.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrTeardownTime**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Voice CDR tear-down number.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrStatus**

<b>Syntax</b>	ArubaCallStates
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR status.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrReason**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR reason.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrDuration**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR duration.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrRValue**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR R-value.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrApSwitchDelay**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only



<b>Status</b>	current
<b>Description</b>	Voice CDR AP switch delay.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrCodec**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR codec.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrApName**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR AP name.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrApMac**

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR AP MAC address.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrBssid**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR BSSID.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCdrEssid**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Voice CDR ESSID.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## voiceCdrHandovers

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR client hand overs, AKA mobility rate.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## voiceCdrMOS

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice CDR MOS.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## Voice Call Center Group

The objects of the Call Center Group provide scalar values—the count of the calls of a specific condition.

**Table 102** *Voice Call Center OIDs*

Object	Object ID	
<a href="#">voiceCallCtrsTotal</a>	1.3.6.1.4.1.14823.2.2.1.12.1.2.1	wlsxVoiceCallCtrsGroup 1
<a href="#">voiceCallCtrsSuccess</a>	1.3.6.1.4.1.14823.2.2.1.12.1.2.2	wlsxVoiceCallCtrsGroup 2
<a href="#">voiceCallCtrsFailed</a>	1.3.6.1.4.1.14823.2.2.1.12.1.2.3	wlsxVoiceCallCtrsGroup 3
<a href="#">voiceCallCtrsRejected</a>	1.3.6.1.4.1.14823.2.2.1.12.1.2.4	wlsxVoiceCallCtrsGroup 4
<a href="#">voiceCallCtrsAborted</a>	1.3.6.1.4.1.14823.2.2.1.12.1.2.5	wlsxVoiceCallCtrsGroup 5
<a href="#">voiceCallCtrsOrig</a>	1.3.6.1.4.1.14823.2.2.1.12.1.2.6	wlsxVoiceCallCtrsGroup 6
<a href="#">voiceCallCtrsRecvd</a>	1.3.6.1.4.1.14823.2.2.1.12.1.2.7	wlsxVoiceCallCtrsGroup 7
<a href="#">voiceCallCtrsActive</a>	1.3.6.1.4.1.14823.2.2.1.12.1.2.8	wlsxVoiceCallCtrsGroup 8
<a href="#">voiceCallCtrsNotFnd</a>	1.3.6.1.4.1.14823.2.2.1.12.1.2.9	wlsxVoiceCallCtrsGroup 9
<a href="#">voiceCallCtrsBusy</a>	1.3.6.1.4.1.14823.2.2.1.12.1.2.10	wlsxVoiceCallCtrsGroup 10
<a href="#">voiceCallCtrsSvc</a>	1.3.6.1.4.1.14823.2.2.1.12.1.2.11	wlsxVoiceCallCtrsGroup 11

**Table 102** *Voice Call Center OIDs (Continued)*

<b>Object</b>	<b>Object ID</b>	
voiceCallCtrsReqTerm	1.3.6.1.4.1.14823.2.2.1.12.1.2.12	wlsxVoiceCallCtrsGroup 12
voiceCallCtrsDecline	1.3.6.1.4.1.14823.2.2.1.12.1.2.13	wlsxVoiceCallCtrsGroup 13
voiceCallCtrsUnauth	1.3.6.1.4.1.14823.2.2.1.12.1.2.14	wlsxVoiceCallCtrsGroup 14
voiceCallCtrsMisc	1.3.6.1.4.1.14823.2.2.1.12.1.2.15	wlsxVoiceCallCtrsGroup 15

## **voiceCallCtrsTotal**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsSuccess**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of successful calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsFailed**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of failed calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsRejected**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of rejected calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsAborted**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Total number of aborted calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsOrig**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of originated calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsRecvd**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of received calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsActive**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of active calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsNotFnd**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of not found calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsBusy**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Total number of busy calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.



## **voiceCallCtrsSvc**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of service unavailable calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsReqTerm**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of request terminated calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsDecline**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of declined calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsUnauth**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of unauthorized calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceCallCtrsMisc**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Total number of miscellaneous calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxVoiceClientTotal

The wlsx Voice Client Total group provides the total number of active client session of the controller.

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of active client sessions in the controller.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxVoiceClientTable

The objects of the wlsx Voice Client table list voice client information.

**Table 103** *wlsx Voice Client Table OIDs*

Object	Object ID	
wlsxVoiceClientEntry	1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1	wlsxVoiceClientTable 1
voiceClientIp	1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.1	wlsxVoiceClientEntry 1
voiceClientProtocol	1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.2	wlsxVoiceClientEntry 2
voiceClientRegState	1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.3	wlsxVoiceClientEntry 3
voiceClientContactName	1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.4	wlsxVoiceClientEntry4
voiceClientServerName	1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.5	wlsxVoiceClientEntry 5
voiceClientEssid	1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.6	wlsxVoiceClientEntry 6
voiceClientVlanId	1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.7	wlsxVoiceClientEntry 7
voiceClientTunnelId	1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.8	wlsxVoiceClientEntry 8

## **wlsxVoiceClientEntry**

<b>Syntax</b>	VoiceClientEntry
<b>Max-Access</b>	not-accessible
<b>Description</b>	Entry point.
<b>Index</b>	{ wlanStaPhyAddress }
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceClientIp**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice client IP address.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceClientProtocol**

<b>Syntax</b>	ArubaVoipProtocol
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice client protocol used.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceClientRegState**

<b>Syntax</b>	ArubaVoipRegState
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice client state.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceClientContactName**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Voice client contact name.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceClientServerName**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice client server name.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceClientEssid**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice client ESSID.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceClientVlanId**

<b>Syntax</b>	ArubaVlanValidRange
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice client VLAN ID.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceClientTunnelId**

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice client tunnel ID.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **wlsxVoiceAPBssidTotal**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Total number of active VoIP information in the controller.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxVoiceAPBssidTable

The objects of the wlsx Voice Access Point BSSID table provide active VoIP information.

**Table 104** *wlsxVoiceAPBssidTable OIDs*

Object	Object ID	
wlsxVoiceAPBssidEntry	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1	wlsxVoiceAPBssidTable 1
voiceAPBssidName	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.1	wlsxVoiceAPBssidEntry 1
voiceAPBssidGroup	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.2	wlsxVoiceAPBssidEntry 2
voiceAPBssidIp	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.3	lwlsxVoiceAPBssidEntry 3
voiceAPBssidTotCalls	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.4	wlsxVoiceAPBssidEntry 4
voiceAPBssidVoiceType	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.5	wlsxVoiceAPBssidEntry 5
voiceAPBssidFlag	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.6	wlsxVoiceAPBssidEntry 6
voiceAPBssidUpTime	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.7	wlsxVoiceAPBssidEntry 7
voiceAPBssid100Sent	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.8	wlsxVoiceAPBssidEntry 8
voiceAPBssid503Sent	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.9	wlsxVoiceAPBssidEntry 9
voiceAPBssidExtraCallDisc	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.10	wlsxVoiceAPBssidEntry 10
voiceAPBssidKickedOff	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.11	wlsxVoiceAPBssidEntry 11
voiceAPBssidTspecDenied	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.12	wlsxVoiceAPBssidEntry 12
voiceAPBssidCacFlag	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.13	wlsxVoiceAPBssidEntry 13
voiceAPBssidTotVoiceClients	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.14	wlsxVoiceAPBssidEntry 14
voiceAPBssidCallsSCCP	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.15	wlsxVoiceAPBssidEntry 15
voiceAPBssidCallsSIP	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.16	wlsxVoiceAPBssidEntry 16
voiceAPBssidCallsSVP	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.17	wlsxVoiceAPBssidEntry 17
voiceAPBssidCallsVocera	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.18	wlsxVoiceAPBssidEntry 18
voiceAPBssidCallsNoe	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.19	wlsxVoiceAPBssidEntry 19
voiceAPBssidEssid	1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.20	wlsxVoiceAPBssidEntry 20

## **wlsxVoiceAPBssidEntry**

<b>Syntax</b>	VoiceAPBssidEntry
<b>max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Entry to AP.
<b>Index</b>	{wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID}
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssidName**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point name.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssidGroup**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point group.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssidIp**

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point IP address.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssidTotCalls**

<b>Syntax</b>	Unsigned32
---------------	------------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point total calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

### **voiceAPBssidVoiceType**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point type.
<b>History</b>	Added in ArubaOS 3.2.0.0.

### **voiceAPBssidFlag**

<b>Syntax</b>	Bits apRemoteAP(0) apPPPOE(1) apWiredApEnabled(2) apEnet1Mode(3) apActiveLoadBalancing(4) apDisconnectExtraCalls(5) apBatteryBoost(6)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point flag.
<b>History</b>	Added in ArubaOS 3.2.0.0.



## **voiceAPBssidUpTime**

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point up time
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssid100Sent**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice 100 sent.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssid503Sent**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice 503 sent.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssidExtraCallDisc**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point extra call disconnect.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssidKickedOff**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Voice access point kicked off.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssidTspecDenied**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point Tspec denied.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssidCacFlag**

<b>Syntax</b>	ArubaVoiceCacBit
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point CAC flag.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssidTotVoiceClients**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point total number of voice clients.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssidCallsSCCP**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point total SCCP calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## **voiceAPBssidCallsSIP**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Voice access point total SIP calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

### **voiceAPBssidCallsSVP**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point total SVP calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

### **voiceAPBssidCallsVocera**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point total Vocera calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

### **voiceAPBssidCallsNoe**

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point total NOE calls.
<b>History</b>	Added in ArubaOS 3.2.0.0.

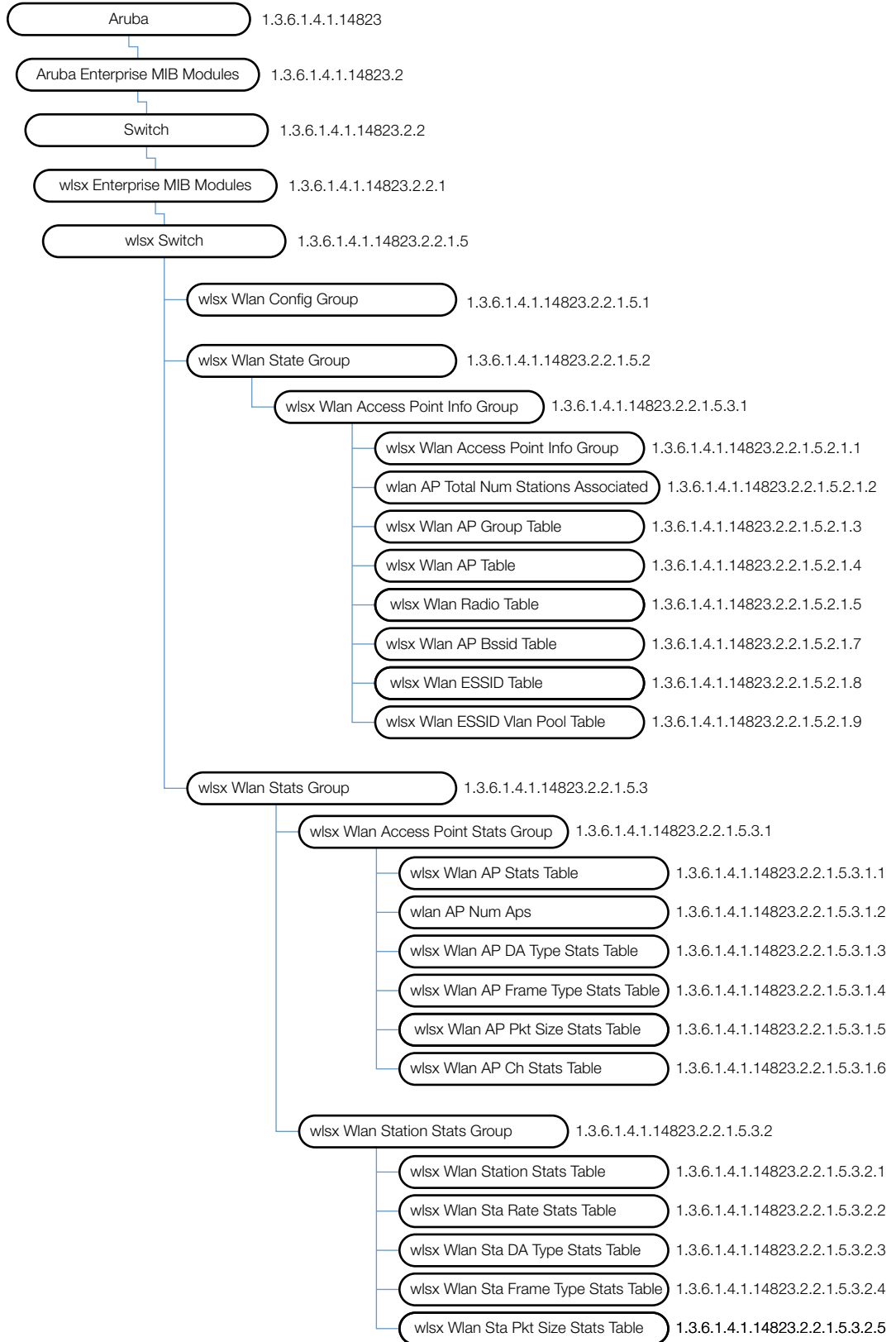
### **voiceAPBssidEssid**

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Voice access point ESSID.
<b>History</b>	Added in ArubaOS 3.2.0.0.

The wireless local area network (WLAN) module provides information about the Wireless Management System (WMS) in the Dell controller.

[Figure 19](#) shows the architecture of the WLAN MIB relative to 1.3.6.1.4.1.14823 (iso.org.dod.internet.private.enterprise.aruba). The WLAN MIBs are listed in the file *aruba-wlan.my*. For information about downloading Dell MIB files, see [“Downloading MIB Files” on page 23](#).

**Figure 19** WLAN Hierarchy



The WLAN MIB contains the following tables.

**Table 105** *WLAN MIB Tables*

Table	Description
<a href="#">wlsxWlanAPGroupTable</a>	This table lists all the access points groups configured in the Dell controller.
<a href="#">wlsxWlanAPTable</a>	This table lists all the access points connected to the controller.
<a href="#">wlsxWlanRadioTable</a>	This table lists all the radios known to the controller.
<a href="#">wlsxWlanAPBssidTable</a>	This table lists all the BSSIDs advertised by this controller.
<a href="#">wlsxWlanESSIDTable</a>	This table lists all the ESSIDs advertised by this controller.
<a href="#">wlsxWlanESSIDVLANPoolTable</a>	This table lists all the VLANs associated with this ESSID.
<a href="#">wlsxWlanStationTable</a>	This table lists all the wireless stations associated with the access points connected to this controller.
<a href="#">wlsxWlanAPStatsTable</a>	This table lists the statistics of all the access points connected to the controller.
<a href="#">wlsxWlanAPRateStatsTable</a>	This table contains all the AP packet and byte counts that are sorted by rate.
<a href="#">wlsxWlanAPDATypeStatsTable</a>	This table contains all the per BSSID packet and byte counts that are sorted by destination address.
<a href="#">wlsxWlanAPFrameTypeStatsTable</a>	This table contains all the per BSSID packet and byte counts that are sorted by frame type.
<a href="#">wlsxWlanAPPktSizeStatsTable</a>	This table contains all the per BSSID packet counts that are sorted by packet size.
<a href="#">wlsxWlanAPChStatsTable</a>	This table lists the channel statistics of all the access points connected to the controller.
<a href="#">wlsxWlanStationStatsTable</a>	This table lists statistics of all the wireless stations associated with an AP connected to this controller.
<a href="#">wlsxWlanStaRateStatsTable</a>	This table contains all the packet and byte counts for a station that are sorted by rate.
<a href="#">wlsxWlanStaDATypeStatsTable</a>	This table contains all the packet and byte counts for a station that are sorted by destination address.
<a href="#">wlsxWlanStaFrameTypeStatsTable</a>	This table contains all the package and byte count for stations that are sorted by frame type.
<a href="#">wlsxWlanStaPktSizeStatsTable</a>	This table contains all the package and byte counts for stations that are sorted by packet size.

## wlsxWlanAccessPointInfoGroup

The wlsxWlanAccessPointInfoGroup contains the following tables:

- wlsxWlanTotalNumAccessPoints (local), which lists all the APs connected to the controller
- wlsxWlanTotalNumStationsAssociated (global), which lists all the APs in the Dell Domain. This table is valid only on the master controllers. The group also contains two scalar objects, which indicate the total number of APs and the total number of clients connected.

**Table 106** *wlsxWlanMIB OIDs*

Object	Object ID	
wlsxWlanTotalNumAccessPoints	1.3.6.1.4.1.14823.2.2.1.5.2.1.1	wlsxWlanAccessPointInfoGroup 1
ywlsxWlanTotalNumStationsAssociated	1.3.6.1.4.1.14823.2.2.1.5.2.1.2	wlsxWlanAccessPointInfoGroup 2

### wlsxWlanTotalNumAccessPoints

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Total number of access points connected to the controller.
<b>History</b>	Added in ArubaOS 2.3.

### ywlsxWlanTotalNumStationsAssociated

<b>Syntax</b>	Unsigned32
<b>MAX-ACCES</b>	read-only
<b>STATU</b>	current
<b>Description</b>	Total number of stations associated to the controller.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxWlanAPGroupTable

The objects of the wlsx WLAN AP Group table provide information on the access points connected to the controller.

**Table 107** *wlsxWlanAPGroupTable OIDs*

Object	Object ID	
wlsxWlanAPGroupEntry	1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1.	wlsxWlanAPGroupTable 1
wlanAPGroup	1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1.1	wlsxWlanAPGroupEntry 1
wlanAPNumAps	1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1.2	wlsxWlanAPGroupEntry 2



## wlsxWlanAPGroupEntry

<b>Syntax</b>	WlanAPGroupEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Index {wlanAPGroup}
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPGroup

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The name of an AP group.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPNumAps

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of APs in the AP group.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlsxWlanAPTable

The objects of the wlsx WLAN APT table provide information on the access points that are connected to the controller.

**Table 108** *wlsxWlanAPTable OIDs*

Object	Object ID	
<a href="#">wlsxWlanAPEntry</a>	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1	wlsxWlanAPTable 1
<a href="#">wlanAPMacAddress</a>	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.1	wlsxWlanAPEntry 1
<a href="#">wlanAPIpAddress</a>	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.2	wlsxWlanAPEntry 2
<a href="#">wlanAPName</a>	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.3	wlsxWlanAPEntry 3
<a href="#">wlanAPGroupName</a>	41.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.4	wlsxWlanAPEntry 4

**Table 108** *wlsxWlanAPTable OIDs (Continued)*

Object	Object ID	
wlanAPModel	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.5	wlsxWlanAPEntry 5
wlanAPSerialNumber	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.6	wlsxWlanAPEntry 6
wlanAPdot11aAntennaGain	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.7	wlsxWlanAPEntry 7
wlanAPdot11gAntennaGain	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.8	wlsxWlanAPEntry 8
wlanAPNumRadios	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.9	wlsxWlanAPEntry 9
wlanAPEnet1Mode	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.10	wlsxWlanAPEntry 10
wlanAPIpsecMode	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.11	wlsxWlanAPEntry 11
wlanAPUpTime	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.12	wlsxWlanAPEntry 12
wlanAPModelName	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.13	wlsxWlanAPEntry 13
wlanAPLocation	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.14	wlsxWlanAPEntry 14
wlanAPBuilding	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.15	wlsxWlanAPEntry 15
wlanAPFloor	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.16	wlsxWlanAPEntry 16
wlanAPLoc	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.17	wlsxWlanAPEntry 17
wlanAPEXternalAntenna	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.18	wlsxWlanAPEntry 18
wlanAPStatus	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.19	wlsxWlanAPEntry 19
wlanAPNumBootstraps	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.20	wlsxWlanAPEntry 20
wlanAPNumReboots	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.21	wlsxWlanAPEntry 21
wlanAPUnprovisioned	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.22	wlsxWlanAPEntry 22
wlanAPMonitorMode	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.23	wlsxWlanAPEntry 23
wlanAPFQLNBuilding	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.24	wlsxWlanAPEntry 24
wlanAPFQLNFloor	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.25	wlsxWlanAPEntry 25
wlanAPFQLN	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.26	wlsxWlanAPEntry 26
wlanAPFQLNCampus	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.27	wlsxWlanAPEntry 27
wlanAPLongitude	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.28	wlsxWlanAPEntry 28
wlanAPLatitude	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.29	wlsxWlanAPEntry 29
wlanAPAltitude	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.30	wlsxWlanAPEntry 30
wlanAPMeshRole	1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.31	wlsxWlanAPEntry 31

## wlsxWlanAPEntry

<b>Syntax</b>	WlanAPEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Access point entry.
<b>Index</b>	{wlanAPMacAddress}

## wlanAPMacAddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Ethernet MAC address of the access point.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPIpAddress

<b>Syntax</b>	IpAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	IP address of the access point.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPName

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Host name of the access point.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—changed Max-Access to read-only.

## wlanAPGroupName

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Group name of the access point.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—changed Max-Access to read-only.

## wlanAPModel

<b>Syntax</b>	Object Identifier
<b>MAX-ACCES</b>	read-only
<b>Status</b>	current
<b>Description</b>	Sys OID of the access point.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPSerialNumber

<b>Syntax</b>	DisplayString(Size(0..32))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Serial number of the access point.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPdot11aAntennaGain

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Configured antenna gain for 'A' radio.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPdot11gAntennaGain

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Configured antenna gain for 'G' radio.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPNumRadios

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Number of radios in the access point.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—description.

## wlanAPEnet1Mode

<b>Syntax</b>	ArubaEnet1Mode
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	ENET1 mode of the access point.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPIpsecMode

<b>Syntax</b>	ArubaEnableValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	IPsec mode of the access point.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPUpTime

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time (in hundredths of seconds) since the last time the access point boot strapped with the controller.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPModelName

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Model name of the access point.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPLocation

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Location of the access point
<b>History</b>	Added in ArubaOS 2.3.



## wlanAPBuilding

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	AP building number.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPFloor

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	AP floor number.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPLoc

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	AP location.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPExternalAntenna

<b>Syntax</b>	ArubaAntennaSetting
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	AP antenna status.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatus

<b>Syntax</b>	ArubaAPStatus
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	AP status.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPNumBootstraps

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Number of times the AP has boot strapped with the controller.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPNumReboots

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Number of times the AP has rebooted.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPUnprovisioned

<b>Syntax</b>	ArubaUnprovisionedStatus
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether the AP is unprovisioned due to lack of antenna gain or location code settings.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPMonitorMode

<b>Syntax</b>	ArubaMonitorMode
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether any radio on this AP is acting as an air monitor.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—description.

## wlanAPFQLNBuilding

<b>Syntax</b>	DisplayString
---------------	---------------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The building component of the AP's FQLN.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlanAPFQLNFloor

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The floor component of the AP's FQLN.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlanAPFQLN

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The AP's fully qualified location name (FQLN).
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlanAPFQLNCampus

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The campus component of the AP's FQLN.
<b>History</b>	Added in ArubaOS 3.1

## wlanAPLongitude

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Longitude of the AP. signed floating-point value.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlanAPLatitude

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Latitude of the AP. signed floating-point value.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlanAPAltitude

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Altitude of the AP signed floating-point value.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlanAPMeshRole

<b>Syntax</b>	ArubaMeshRole
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	AP mesh role.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxWlanRadioTable

The objects of the wlsx WLAN Radio table provide information on the access points connected in radios that are known to the Dell controller. This table is indexed by the MAC address of the AP and the type of the radio.

**Table 109** *wlsxWlanRadioTable OIDs*

Object	Object ID	
wlsxWlanRadioEntry	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1	wlsxWlanRadioTable 1
wlanAPRadioNumber	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.1	wlsxWlanRadioEntry 1
wlanAPRadioType	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.2	wlsxWlanRadioEntry 2
wlanAPRadioChannel	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.3	wlsxWlanRadioEntry 3
wlanAPRadioTransmitPower	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.4	wlsxWlanRadioEntry 4
wlanAPRadioMode	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.5	wlsxWlanRadioEntry 5
wlanAPRadioUtilization	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.6	wlsxWlanRadioEntry 6
wlanAPRadioNumAssociatedClients	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.7	wlsxWlanRadioEntry 7
wlanAPRadioNumMonitoredClients	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.8	wlsxWlanRadioEntry 8
wlanAPRadioNumActiveBSSIDs	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.9	wlsxWlanRadioEntry 9

**Table 109** *wlsxWlanRadioTable OIDs (Continued)*

Object	Object ID	
wlanAPRadioNumMonitoredBSSIDs	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.10	wlsxWlanRadioEntry 10
wlanAPRadioBearing	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.11	wlsxWlanRadioEntry 11
wlanAPRadioTiltAngle	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.12	wlsxWlanRadioEntry 12
wlanAPRadioHTMode	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.13	wlsxWlanRadioEntry 13
wlanAPRadioHTExtChannel	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.14	wlsxWlanRadioEntry 14
wlanAPRadioHTChannel	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.15	wlsxWlanRadioEntry 15
wlanAPRadioAPName	1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.16	wlsxWlanRadioEntry 16

## wlsxWlanRadioEntry

<b>Syntax</b>	WlanRadioEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Index {wlanAPMacAddress, wlanAPRadioNumber}
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPRadioNumber

<b>Syntax</b>	Integer32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The number of the radio
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—description.

## wlanAPRadioType

<b>Syntax</b>	ArubaPhyType
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	Type of the radio
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—Max-Access changed from read-only to read-write

## wlanAPRadioChannel

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The channel the radio is currently operating on.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS OS 3.2—description.

## wlanAPRadioTransmitPower

<b>Syntax</b>	Integer32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The current power level of the access point radio.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS OS 3.2—description.

## wlanAPRadioMode

<b>Syntax</b>	ArubaAccessPointMode
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The mode in which the access point radio is operating.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS OS 3.2—description.

## wlanAPRadioUtilization

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The utilization of the radio as a percentage of the total capacity.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPRadioNumAssociatedClients

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of clients associated with this radio.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPRadioNumMonitoredClients

<b>Syntax I</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of clients this radio is monitoring.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPRadioNumActiveBSSIDs

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	The number of AP BSSIDs this radio is monitoring.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—description.

## wlanAPRadioNumMonitoredBSSIDs

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of AP BSSIDs we are monitoring on this radio.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPRadioBearing

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Antenna bearing in degrees from true north. Unsigned floating-point value. Range: 0-360.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlanAPRadioTiltAngle

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Tilt angle of antenna in degrees. -ve for downtilt, +ve for uptilt. Signed floating-point value. Range: -90 to +90.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlanAPRadioHTMode

<b>Syntax</b>	ArubaHTMode
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The HT mode of the radio, if any.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPRadioHTextChannel

<b>Syntax</b>	ArubaHTextChannel
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates the offset of the 40MHz extension channel, if any.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPRadioHTChannel

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	A display string indicating the current channel. If wlanAPRadioHTextChannel is set to 'above' or 'below', then the channel number will be appended with '+' or '-' respectively.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPRadioAPName

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-write
<b>Status</b>	current
<b>Description</b>	The name of the AP to which the AP belongs.
<b>History</b>	Added in ArubaOS 3.4.1

## wlsxWlanAPBssidTable

The objects of the wlsx WLAN Access Point BSSID table provide information about the BSSIDs that are active on the controller.

**Table 110** *wlsxWlanAPBssidTable OIDs*

Object	Object ID	
wlsxWlanAPBssidEntry	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1	wlsxWlanAPBssidTable 1
wlanAPBSSID	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.1	wlsxWlanAPBssidEntry 1
wlanAPESSID	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.2	wlsxWlanAPBssidEntry 2
wlanAPBssidSlot	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.3	wlsxWlanAPBssidEntry 3
wlanAPBssidPort	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.4	wlsxWlanAPBssidEntry 4
wlanAPBssidPhyType	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.5	wlsxWlanAPBssidEntry 5

**Table 110** *wlsxWlanAPBssidTable OIDs (Continued)*

Object	Object ID	
wlanAPBssidRogueType	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.6	wlsxWlanAPBssidEntry 6
wlanAPBssidMode	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.7	wlsxWlanAPBssidEntry 7
wlanAPBssidChannel	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.8	wlsxWlanAPBssidEntry 8
wlanAPBssidUpTime	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.9	wlsxWlanAPBssidEntry 9
wlanAPBssidInactiveTime	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.10	wlsxWlanAPBssidEntry 10
wlanAPBssidLoadBalancing	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.11	wlsxWlanAPBssidEntry 11
wlanAPBssidNumAssociatedStations	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.12	wlsxWlanAPBssidEntry 12
wlanAPBssidAPMacAddress	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.13	wlsxWlanAPBssidEntry 13
wlanAPBssidPhyNumber	1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.14	wlsxWlanAPBssidEntry 14

## wlsxWlanAPBssidEntry

<b>Syntax</b>	WlanAPBssidEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station management entry.
<b>Index</b>	{wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID}
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPBSSID

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The MAC address of the access point.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—description.

## wlanAPESSID

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	ESSID that this BSSID is advertising.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—description.

## wlanAPBssidSlot

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Slot to which the access point is connected.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPBssidPort

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Port to which the access point is connected.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPBssidPhyType

<b>Syntax</b>	ArubaPhyType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Physical layer protocol support of the AP.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPBssidRogueType

<b>Syntax</b>	ArubaRogueApType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The type of the rogue.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPBssidMode

<b>Syntax</b>	Integer ap(1) am(2) mpp(3) mp(4)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether the access point is an air monitor, a regular AP, a mesh portal, or a mesh point.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—addition of syntax items (3), (4), update of description.



## wlanAPBssidChannel

<b>Syntax</b>	Integer(1..165)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The current operating channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—description.

## wlanAPBssidUpTime

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time (in hundredths of seconds) since a tunnel is created between the access point and controller.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPBssidInactiveTime

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time (in hundredths of seconds) since any activity took place on the BSSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPBssidLoadBalancing

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether load balancing is enabled or not.

## wlanAPBssidNumAssociatedStations

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Indicates the number of stations associated to this BSSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.2.0.0.—description.

## wlanAPBssidAPMacAddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates the access point to which this BSSID belongs.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPBssidPhyNumber

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates the radio number to which this BSSID belongs.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPBssidHTMode

<b>Syntax</b>	ArubaHTMode
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates the HT mode of this BSSID, if any.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPBssidHTextChannel

<b>Syntax</b>	ArubaHTextChannel
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates the offset of the 40MHz extension channel, if any.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPBssidHTChannel

<b>Syntax</b>	DisplayString
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	A display string indicating the current channel. If wlanAPBssidHExtChannel is set to 'above' or 'below', then the channel number will be appended with '+' or '-' respectively.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlsxWlanESSIDTable

The objects of the wlsx WLAN ESSID table provide information of the access points to the controller.

**Table 111** *wlsxWlanESSIDTableOBJECT OIDs*

Object	Object ID	
wlsxWlanESSIDEntry	1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1	wlsxWlanESSIDTable 1
wlanESSID	1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.1	wlsxWlanESSIDEntry 1
wlanESSIDNumStations	1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.2	wlsxWlanESSIDEntry 2
wlanESSIDNumAccessPointsUp	1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.3	wlsxWlanESSIDEntry 3
wlanESSIDNumAccessPointsDown	1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.4	wlsxWlanESSIDEntry 4
wlanESSIDEncryptionType	1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.5	wlsxWlanESSIDEntry 5

## wlsxWlanESSIDEntry

<b>Syntax</b>	WlanESSIDEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	ESSID entry.
<b>Index</b>	{wlanESSID}
<b>History</b>	Added in ArubaOS 2.3. Update in ArubaOS 3.1—description.

## wlanESSID

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The ESSID being advertised.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanESSIDNumStations

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of stations connected to this ESSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlanESSIDNumAccessPointsUp

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of APs currently advertising this ESSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanESSIDNumAccessPointsDown

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of APs configured to advertise this ESSID that are not currently operational.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanESSIDEncryptionType

<b>Syntax</b>	ArubaEncryptionMethods
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The encryption methods supported on this ESSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlsxWlanESSIDVLANPoolTable

The objects of the WLAN ESSID VLAN Pool table list all the access points that are connected to this controller

**Table 112** *wlsxWlanESSIDVLANPoolTable OIDs*

Object	Object ID	
<a href="#">wlsxWlanESSIDVLANPoolEntry</a>	1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1	wlsxWlanESSIDVLANPoolTable 1
<a href="#">wlanESSIDVLANId</a>	1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1.1	wlsxWlanESSIDVLANPoolEntry 1
<a href="#">wlanESSIDVLANPoolStatus</a>	1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1.2	wlsxWlanESSIDVLANPoolEntry 2

## wlsxWlanESSIDVLANPoolEntry

<b>Syntax</b>	WlanESSIDVLANPoolEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station management entry.
<b>History</b>	Added in ArubaOS 2.3.

## wlanESSIDVLANId

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	VLAN which is part of the VLAN pool for this ESSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlanESSIDVLANPoolStatus

<b>Syntax</b>	Row Status
<b>Max-Access</b>	read-create
<b>Status</b>	current
<b>Description</b>	Row status object used to indicate the status of the row.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxWlanStationTable

The objects of the wlsx WLAN Station table contain the station information associated with the access points.

**Table 113** *wlsxWlanStationTable OIDs*

Object	Object ID	
<a href="#">wlsxWlanStationEntry</a>	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1	wlsxWlanStationTable 1
<a href="#">wlanStaPhyAddress</a>	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.1	wlsxWlanStationEntry 1
<a href="#">wlanStaApBssid</a>	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.2	wlsxWlanStationEntry 2
<a href="#">wlanStaPhyType</a>	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.3	wlsxWlanStationEntry 3
<a href="#">wlanStaIsAuthenticated</a>	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.4	wlsxWlanStationEntry 4
<a href="#">wlanStaIsAssociated</a>	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.5	wlsxWlanStationEntry 5
<a href="#">wlanStaChannel</a>	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.6	wlsxWlanStationEntry 6

**Table 113** *wlsxWlanStationTable OIDs (Continued)*

Object	Object ID	
wlanStaVLANId	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.7	wlsxWlanStationEntry 7
wlanStaVOIPState	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.8	wlsxWlanStationEntry 8
wlanStaVOIPProtocol	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.9	wlsxWlanStationEntry 9
wlanStaTransmitRate	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.10	wlsxWlanStationEntry 10
wlanStaAssociationID	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.11	wlsxWlanStationEntry 11
wlanStaAccessPointESSID	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.12	wlsxWlanStationEntry 12
wlanStaPhyNumber	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.13	wlsxWlanStationEntry 13
wlanStaRSSI	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.14	wlsxWlanStationEntry 14
wlanStaUpTime	1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.15	wlsxWlanStationEntry 15



## wlsxWlanStationEntry

<b>Syntax</b>	WlanStationEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station entry.
<b>Index</b>	{wlanStaPhyAddress}
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaPhyAddress

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The physical address of the station.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaApBssid

<b>Syntax</b>	MacAddress
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	The access point with which this station was last associated.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaPhyType

<b>Syntax</b>	ArubaPhyType
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Type of the station.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStalsAuthenticated

<b>Syntax</b>	TruthValue
---------------	------------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether the station is authenticated.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanStalsAssociated

<b>Syntax</b>	TruthValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Indicates whether the station is associated.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanStaChannel

<b>Syntax</b>	Integer(1..165)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Channel on which the station is associated.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaVLANId

<b>Syntax</b>	ArubaVLANValidRange
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	VLAN in which the station is present.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaVOIPState

<b>Syntax</b>	ArubaEnableValue
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The state of VOIP for this station.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaVOIPProtocol

<b>Syntax</b>	ArubaVoipProtocolType
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	If VoIP is enabled, the type of the protocol supported.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaTransmitRate

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	AID with which the station is associated with this system.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaAssociationID

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	AID with which the station is associated with this system.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaAccessPointESSID

<b>Syntax</b>	DisplayString(Size(0..64))
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	ESSID of the access point.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaPhyNumber

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Radio PHY number to which the station is associated.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaRSSI

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	Signal-to-noise ratio for the station.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaUpTime

<b>Syntax</b>	TimeTicks
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	Time since the station associated to the current BSSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlanStaHTMode

<b>Syntax</b>	ArubaHTMode
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The HT status of the station.
<b>History</b>	Added in ArubaOS 3.3.0.0

## wlsxWlanAPStatsTable

The objects of the wlsx WLAN Access Point Statistics table provide information about access points.

**Table 114** *wlsxWlanAPStatsTable OIDs*

Object	Object ID	
wlsxWlanAPStatsEntry	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1	wlsxWlanAPStatsTable
wlanAPCurrentChannel	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.1	wlsxWlanAPStatsEntry 1
wlanAPNumClients	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.2	wlsxWlanAPStatsEntry 2
wlanAPTxBPkts	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.3	wlsxWlanAPStatsEntry 3
wlanAPTxBBytes	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.4	wlsxWlanAPStatsEntry 4
wlanAPRxBPkts	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.5	wlsxWlanAPStatsEntry 5
wlanAPRxBBytes	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.6	wlsxWlanAPStatsEntry 6
wlanAPTxDAuthentications	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.7	wlsxWlanAPStatsEntry 7
wlanAPRxDAuthentications	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.8	wlsxWlanAPStatsEntry 8
wlanAPChannelThroughput	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.9	wlsxWlanAPStatsEntry 9
wlanAPFrameRetryRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.10	wlsxWlanAPStatsEntry 10

**Table 114** *wlsxWlanAPStatsTable OIDs (Continued)*

Object	Object ID	
wlanAPFrameLowSpeedRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.11	wlsxWlanAPStatsEntry 11
wlanAPFrameNonUnicastRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.12	wlsxWlanAPStatsEntry 12
wlanAPFrameFragmentationRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.13	wlsxWlanAPStatsEntry 13
wlanAPFrameBandwidthRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.14	wlsxWlanAPStatsEntry 14
wlanAPFrameRetryErrorRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.15	wlsxWlanAPStatsEntry 15
wlanAPChannelErrorRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.16	wlsxWlanAPStatsEntry 16
wlanAPFrameReceiveErrorRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.17	wlsxWlanAPStatsEntry 17
wlsxWlanTotalNumAccessPoints	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.18	wlsxWlanAPStatsEntry 18
ywlsxWlanTotalNumStationsAssociated	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.19	wlsxWlanAPStatsEntry 19
wlsxWlanAPGroupEntry	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.20	wlsxWlanAPStatsEntry 20
wlanAPGroup	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.21	wlsxWlanAPStatsEntry 21
wlanAPNumAps	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.22	wlsxWlanAPStatsEntry 22
wlsxWlanAPEntry	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.23	wlsxWlanAPStatsEntry 23
wlanAPMacAddress	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.24	wlsxWlanAPStatsEntry 24
wlanAPIpAddress	1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.25	wlsxWlanAPStatsEntry 25

## wlsxWlanAPStatsEntry

<b>Syntax</b>	WlanAPStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Access point stats entry.
<b>Index</b>	{wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID}
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPCurrentChannel

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The channel the AP is currently using.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPNumClients

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of clients associated to this BSSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPTxBkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted on this BSSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.



## wlanAPTxBYtes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of bytes transmitted on this BSSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPRxBKts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received on this BSSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPRxBYtes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of bytes received on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPTxDAuthentications

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of deauthentications transmitted on this BSSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPRxDAuthentications

<b>Syntax</b>	Counter32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of deauthentications received on this BSSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChannelThroughput

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The throughput achieved on this channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPFrameRetryRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of retry packets as a percentage of the total packets transmitted and received by this BSSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPFrameLowSpeedRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of low data rate (<= 18 Mbps for A/G bands and <=2 Mbps for B band) packets as a percentage of the total packets transmitted and received by this BSSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPFrameNonUnicastRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast and multicast packets as a percentage of the total packets transmitted on this BSSIDchannel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPFrameFragmentationRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of fragments as a percentage of the total packets transmitted by this BSSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPFrameBandwidthRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The bandwidth of this BSSID in Kbps.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPFrameRetryErrorRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of error packets as a percentage of the total packets received on this BSSID.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChannelErrorRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of error packets as a percentage of the total packets received on the current channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPFrameReceiveErrorRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of error packets as a percentage of the total packets received on this BSSID.
<b>History</b>	Added in ArubaOS 2.5.

## wlanAPRxDataPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	The number of packets received on this BSSID.
<b>History</b>	Added in ArubaOS 2.5. Deprecated in ArubaOS 3.2.0.0.

## wlanAPRxDataBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	The number of bytes received on this BSSID.
<b>History</b>	Added in ArubaOS 2.5. Deprecated in ArubaOS 3.2.0.0.

## wlanAPTxDDataPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	The number of packets transmitted on this BSSID.
<b>History</b>	Added in ArubaOS 2.5. Deprecated in ArubaOS 3.2.0.0.

## wlanAPTxDDataBytes

<b>Syntax</b>	Counter32
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<b>Max-Access</b>	read-only
<b>Status</b>	deprecated
<b>Description</b>	The number of bytes transmitted on this BSSID.
<b>History</b>	Added in ArubaOS 2.5. Deprecated in ArubaOS 3.2.0.0.

## wlanAPRxDataPkts64

<b>Syntax</b>	Counter64
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received on this BSSID.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlanAPRxDataBytes64

<b>Syntax</b>	Counter64
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of bytes received on this BSSID.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlanAPTxDDataPkts64

<b>Syntax</b>	Counter64
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted on this BSSID.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlanAPTxDDataBytes64

<b>Syntax</b>	Counter64
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of bytes transmitted on this BSSID.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxWlanAPRateStatsTable

The objects of the wlsx WLAN Access Point Rate Statistics table provide information on the access point packet and byte counts, which are grouped by data rates.

**Table 115** *wlsxWlanAPRateStatsTable OIDs*

Object	Object ID	
wlsxWlanAPRateStatsEntry	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1	wlsxWlanAPRateStatsTable 1
wlanAPStatsTotPktsAt1Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.1	wlsxWlanAPRateStatsEntry 1
wlanAPStatsTotBytesAt1Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.2	wlsxWlanAPRateStatsEntry 2
wlanAPStatsTotPktsAt2Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.3	wlsxWlanAPRateStatsEntry 3
wlanAPStatsTotBytesAt2Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.4	wlsxWlanAPRateStatsEntry 4
wlanAPStatsTotPktsAt5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.5	wlsxWlanAPRateStatsEntry 5
wlanAPStatsTotBytesAt5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.6	wlsxWlanAPRateStatsEntry 6
wlanAPStatsTotPktsAt11Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.7	wlsxWlanAPRateStatsEntry 7
wlanAPStatsTotBytesAt11Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.8	wlsxWlanAPRateStatsEntry 8
wlanAPStatsTotPktsAt6Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.9	wlsxWlanAPRateStatsEntry 9
wlanAPStatsTotBytesAt6Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.10	wlsxWlanAPRateStatsEntry 10
wlanAPStatsTotPktsAt12Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.11	wlsxWlanAPRateStatsEntry 11
wlanAPStatsTotBytesAt12Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.12	wlsxWlanAPRateStatsEntry 12
wlanAPStatsTotPktsAt18Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.13	wlsxWlanAPRateStatsEntry 13
wlanAPStatsTotBytesAt18Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.14	wlsxWlanAPRateStatsEntry 14
wlanAPStatsTotPktsAt24Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.15	wlsxWlanAPRateStatsEntry 15
wlanAPStatsTotBytesAt24Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.16	wlsxWlanAPRateStatsEntry 16
wlanAPStatsTotPktsAt36Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.17	wlsxWlanAPRateStatsEntry 17
wlanAPStatsTotBytesAt36Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.18	wlsxWlanAPRateStatsEntry 18
wlanAPStatsTotPktsAt48Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.19	wlsxWlanAPRateStatsEntry 19
wlanAPStatsTotBytesAt48Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.20	wlsxWlanAPRateStatsEntry 20
wlanAPStatsTotPktsAt54Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.21	wlsxWlanAPRateStatsEntry 21
wlanAPStatsTotBytesAt54Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.22	wlsxWlanAPRateStatsEntry 22
wlanAPStatsTotPktsAt9Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.23	wlsxWlanAPRateStatsEntry 23
wlanAPStatsTotBytesAt9Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.24	wlsxWlanAPRateStatsEntry 24
wlanAPStatsTotPktsAtHT6dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.25	wlsxWlanAPRateStatsEntry 25
wlanAPStatsTotBytesAtHT6dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.26	wlsxWlanAPRateStatsEntry 26
wlanAPStatsTotPktsAtHT13Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.27	wlsxWlanAPRateStatsEntry 27
wlanAPStatsTotBytesAtHT13Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.28	wlsxWlanAPRateStatsEntry 28
wlanAPStatsTotPktsAtHT13dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.29	wlsxWlanAPRateStatsEntry 29
wlanAPStatsTotBytesAtHT13dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.30	wlsxWlanAPRateStatsEntry 30
wlanAPStatsTotPktsAtHT15Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.31	wlsxWlanAPRateStatsEntry 31
wlanAPStatsTotBytesAtHT15Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.32	wlsxWlanAPRateStatsEntry 32
wlanAPStatsTotPktsAtHT19dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.33	wlsxWlanAPRateStatsEntry 33



**Table 115** *wlsxWlanAPRateStatsTable OIDs (Continued)*

Object	Object ID	
wlanAPStatsTotBytesAtHT19dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.34	wlsxWlanAPRateStatsEntry 34
wlanAPStatsTotPktsAtHT26Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.35	wlsxWlanAPRateStatsEntry 35
wlanAPStatsTotBytesAtHT26Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.36	wlsxWlanAPRateStatsEntry 36
wlanAPStatsTotPktsAtHT27Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.37	wlsxWlanAPRateStatsEntry 37
wlanAPStatsTotBytesAtHT27Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.38	wlsxWlanAPRateStatsEntry 38
wlanAPStatsTotPktsAtHT30Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.39	wlsxWlanAPRateStatsEntry 39
wlanAPStatsTotBytesAtHT30Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.40	wlsxWlanAPRateStatsEntry 40
wlanAPStatsTotPktsAtHT39Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.41	wlsxWlanAPRateStatsEntry 41
wlanAPStatsTotBytesAtHT39Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.42	wlsxWlanAPRateStatsEntry 42
wlanAPStatsTotPktsAtHT40dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.43	wlsxWlanAPRateStatsEntry 43
wlanAPStatsTotBytesAtHT40dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.44	wlsxWlanAPRateStatsEntry 44
wlanAPStatsTotPktsAtHT45Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.45	wlsxWlanAPRateStatsEntry 45
wlanAPStatsTotBytesAtHT45Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.46	wlsxWlanAPRateStatsEntry 46
wlanAPStatsTotPktsAtHT52Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.47	wlsxWlanAPRateStatsEntry 47
wlanAPStatsTotBytesAtHT52Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.48	wlsxWlanAPRateStatsEntry 48
wlanAPStatsTotPktsAtHT54Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.49	wlsxWlanAPRateStatsEntry 49
wlanAPStatsTotBytesAtHT54Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.50	wlsxWlanAPRateStatsEntry 50
wlanAPStatsTotPktsAtHT58dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.51	wlsxWlanAPRateStatsEntry 51
wlanAPStatsTotBytesAtHT58dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.52	wlsxWlanAPRateStatsEntry 52
wlanAPStatsTotPktsAtHT60Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.53	wlsxWlanAPRateStatsEntry 53
wlanAPStatsTotBytesAtHT60Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.54	wlsxWlanAPRateStatsEntry 54
wlanAPStatsTotPktsAtHT65Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.55	wlsxWlanAPRateStatsEntry 55
wlanAPStatsTotBytesAtHT65Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.56	wlsxWlanAPRateStatsEntry 56
wlanAPStatsTotPktsAtHT78Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.57	wlsxWlanAPRateStatsEntry 57
wlanAPStatsTotBytesAtHT78Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.58	wlsxWlanAPRateStatsEntry 58
wlanAPStatsTotPktsAtHT81Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.59	wlsxWlanAPRateStatsEntry 59
wlanAPStatsTotBytesAtHT81Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.60	wlsxWlanAPRateStatsEntry 60
wlanAPStatsTotPktsAtHT90Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.61	wlsxWlanAPRateStatsEntry 61
wlanAPStatsTotBytesAtHT90Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.62	wlsxWlanAPRateStatsEntry 62
wlanAPStatsTotPktsAtHT104Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.63	wlsxWlanAPRateStatsEntry 63
wlanAPStatsTotBytesAtHT104Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.64	wlsxWlanAPRateStatsEntry 64
wlanAPStatsTotPktsAtHT108Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.65	wlsxWlanAPRateStatsEntry 65
wlanAPStatsTotBytesAtHT108Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.66	wlsxWlanAPRateStatsEntry 66
wlanAPStatsTotPktsAtHT117Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.67	wlsxWlanAPRateStatsEntry 67

**Table 115** *wlsxWlanAPRateStatsTable OIDs (Continued)*

Object	Object ID	
wlanAPStatsTotBytesAtHT117Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.68	wlsxWlanAPRateStatsEntry 68
wlanAPStatsTotPktsAtHT120Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.69	wlsxWlanAPRateStatsEntry 69
wlanAPStatsTotBytesAtHT120Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.70	wlsxWlanAPRateStatsEntry 70
wlanAPStatsTotPktsAtHT121dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.71	wlsxWlanAPRateStatsEntry 71
wlanAPStatsTotBytesAtHT121dot5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.72	wlsxWlanAPRateStatsEntry 72
wlanAPStatsTotPktsAtHT130Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.73	wlsxWlanAPRateStatsEntry 73
wlanAPStatsTotBytesAtHT130Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.74	wlsxWlanAPRateStatsEntry 74
wlanAPStatsTotPktsAtHT135Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.75	wlsxWlanAPRateStatsEntry 75
wlanAPStatsTotBytesAtHT135Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.76	wlsxWlanAPRateStatsEntry 76
wlanAPStatsTotPktsAtHT150Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.77	wlsxWlanAPRateStatsEntry 77
wlanAPStatsTotBytesAtHT150Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.78	wlsxWlanAPRateStatsEntry 78
wlanAPStatsTotPktsAtHT162Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.79	wlsxWlanAPRateStatsEntry 79
wlanAPStatsTotBytesAtHT162Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.80	wlsxWlanAPRateStatsEntry 80
wlanAPStatsTotPktsAtHT180Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.81	wlsxWlanAPRateStatsEntry 81
wlanAPStatsTotBytesAtHT180Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.82	wlsxWlanAPRateStatsEntry 82
wlanAPStatsTotPktsAtHT216Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.83	wlsxWlanAPRateStatsEntry 83
lwlanAPStatsTotBytesAtHT216Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.84	wlsxWlanAPRateStatsEntry 84
wlanAPStatsTotPktsAtHT240Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.85	wlsxWlanAPRateStatsEntry 85
wlanAPStatsTotBytesAtHT240Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.86	wlsxWlanAPRateStatsEntry 86
wlanAPStatsTotPktsAtHT243Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.87	wlsxWlanAPRateStatsEntry 87
wlanAPStatsTotBytesAtHT243Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.88	wlsxWlanAPRateStatsEntry 88
wlanAPStatsTotPktsAtHT270Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.89	wlsxWlanAPRateStatsEntry 89
wlanAPStatsTotBytesAtHT270Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.90	wlsxWlanAPRateStatsEntry 90
wlanAPStatsTotPktsAtHT300Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.91	wlsxWlanAPRateStatsEntry 91
wlanAPStatsTotBytesAtHT300Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.92	wlsxWlanAPRateStatsEntry 92

## wlsxWlanAPRateStatsEntry

<b>Syntax</b>	wlsxWlanAPRateStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User entry.
<b>Index</b>	{wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID}
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAt1Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 1Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt1Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 1 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAt2Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 2 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt2Mbps

<b>Syntax</b>	Counter32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 2 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAt5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 5 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 5 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAt11Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 11 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt11Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 11 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAt6Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 6 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt6Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 6 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAt12Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 12 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt12Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 12 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAt18Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 18 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt18Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 18 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.



## wlanAPStatsTotPktsAt24Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 24 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt24Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 24 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAt36Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 36 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt36Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 36 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAt48Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 48 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt48Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 48 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAt54Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 54 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt54Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 54 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAt9Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets observed on this BSSID at 9 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotBytesAt9Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	The total number of bytes observed on this BSSID at 9 Mbps rate.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotPktsAtHT6dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 6.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT6dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 6.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT13Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 13.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT13Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 13.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT13dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 13.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT13dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 13.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT15Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 15.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT15Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 15.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT19dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 19.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT19dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 19.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.



## wlanAPStatsTotPktsAtHT26Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 26.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT26Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 26.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT27Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 27.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT27Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 27.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT30Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 30.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT30Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 30.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT39Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 39.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT39Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 39.0 rate.

## wlanAPStatsTotPktsAtHT40dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 40.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT40dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current

<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 40.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT45Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 45.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT45Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 45.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT52Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 52.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT52Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 52.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT54Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 54.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT54Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 54.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT58dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 58.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT58dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 58.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT60Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 60.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT60Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 60.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.



## wlanAPStatsTotPktsAtHT65Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 65.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT65Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 65.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT78Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 78.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT78Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 78.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT81Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 81.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT81Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 81.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT90Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 90.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT90Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 90.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT104Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 104.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT104Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 104.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **\wlanAPStatsTotPktsAtHT108Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 108.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **\wlanAPStatsTotBytesAtHT108Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status5</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 108.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **\wlanAPStatsTotPktsAtHT117Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 117.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **\wlanAPStatsTotBytesAtHT117Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 117.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## **\wlanAPStatsTotPktsAtHT120Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 120.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT120Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 120.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT121dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current]
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 121.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT121dot5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 121.5 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT130Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 130.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT130Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 130.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.



## wlanAPStatsTotPktsAtHT135Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 135.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT135Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 135.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT150Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 150.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT150Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 150.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT162Mbps

<b>Syntax</b>	Counter32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 162.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT162Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 162.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT180Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 180.0 rate.

## wlanAPStatsTotBytesAtHT180Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 180.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT216Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 216.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## lwlanAPStatsTotBytesAtHT216Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current

<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 216.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT240Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 240.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT240Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 240.0 rate.

## wlanAPStatsTotPktsAtHT243Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of packets observed on this BSSID at the HT 243.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotBytesAtHT243Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	This attribute indicates the total number of bytes observed on this BSSID at the HT 243.0 rate.
<b>History</b>	Added in ArubaOS 3.3.0.0.

## wlanAPStatsTotPktsAtHT270Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current

**Description** This attribute indicates the total number of packets observed on this BSSID at the HT 270.0 rate.

**History** Added in ArubaOS 3.3.0.0.

### wlanAPStatsTotBytesAtHT270Mbps

**Syntax** Counter32

**Max-Access** read-only

**Status** current

**Description** This attribute indicates the total number of bytes observed on this BSSID at the HT 270.0 rate.

**History** Added in ArubaOS 3.3.0.0.

### wlanAPStatsTotPktsAtHT300Mbps

**Syntax** Counter32

**Max-Access** read-only

**Status** current

**Description** This attribute indicates the total number of packets observed on this BSSID at the HT 300.0 rate.

**History** Added in ArubaOS 3.3.0.0.

### wlanAPStatsTotBytesAtHT300Mbps

**Syntax** Counter32

**Max-Access** read-only

**Status** current

**Description** This attribute indicates the total number of bytes observed on this BSSID at the HT 300.0 rate.

**History** Added in ArubaOS 3.3.0.0.

## wlsxWlanAPDTypeStatsTable

The objects of the wlsx WLAN Access Point Destination Address Type Statistics table provide BSSID statistics, which are grouped by destination address (DA).

**Table 116** *wlsxWlanAPDTypeStatsTable OIDs*

Object	Object ID	
<a href="#">wlsxWlanAPDTypeStatsEntry</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1	wlsxWlanAPDTypeStatsTable 1
<a href="#">wlanAPStatsTotDABroadcastPkts</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.1	wlsxWlanAPDTypeStatsEntry 1

**Table 116** *wlsxWlanAPDTypeStatsTable OIDs (Continued)*

Object	Object ID	
wlanAPStatsTotDABroadcastBytes	1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.2	wlsxWlanAPDTypeStatsEntry 2
wlanAPStatsTotDAMulticastPkts	1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.3	wlsxWlanAPDTypeStatsEntry 3
wlanAPStatsTotDAMulticastBytes	1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.4	wlsxWlanAPDTypeStatsEntry 4
wlanAPStatsTotDAUnicastPkts	1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.5	wlsxWlanAPDTypeStatsEntry 5
wlanAPStatsTotDAUnicastBytes	1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.6	wlsxWlanAPDTypeStatsEntry 6

## wlsxWlanAPDTypeStatsEntry

<b>Syntax</b>	wlsxWlanAPDTypeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User entry.
<b>Index</b>	{wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID}
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotDABroadcastPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of broadcast packets observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotDABroadcastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of broadcast bytes observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotDAMulticastPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of multicast packets observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotDAMulticastBytes

<b>Syntax</b>	Counter32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of multicast bytes observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

### wlanAPStatsTotDAUnicastPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of unicast packets observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

### wlanAPStatsTotDAUnicastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of unicast bytes observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxWlanAPFrameTypeStatsTable

The objects of the wlsx WLAN AP Frame Type Stats lists BSSID statistics, which are grouped by the packet type.

**Table 117** *wlsxWlanAPFrameTypeStatsTable OIDs*

Object	Object ID	
<a href="#">wlsxWlanAPFrameTypeStatsEntry</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1	wlsxWlanAPFrameTypeStatsTable 1
<a href="#">wlanAPStatsTotMgmtPkts</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.1	wlsxWlanAPFrameTypeStatsEntry 1
<a href="#">wlanAPStatsTotMgmtBytes</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.2	wlsxWlanAPFrameTypeStatsEntry 2
<a href="#">wlanAPStatsTotCtrlPkts</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.3	wlsxWlanAPFrameTypeStatsEntry 3
<a href="#">wlanAPStatsTotCtrlBytes</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.4	wlsxWlanAPFrameTypeStatsEntry 4
<a href="#">wlanAPStatsTotDataPkts</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.5	wlsxWlanAPFrameTypeStatsEntry 5
<a href="#">wlanAPStatsTotDataBytes</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.6	wlsxWlanAPFrameTypeStatsEntry 6

## wlsxWlanAPFrameTypeStatsEntry

<b>Syntax</b>	wlsxWlanAPFrameTypeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User entry.
<b>Index</b>	{wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID}
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotMgmtPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of management packets observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotMgmtBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of management bytes observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotCtrlPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of control packets observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsTotCtrlBytes

<b>Syntax</b>	Counter32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of control bytes observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

### wlanAPStatsTotDataPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of data packets observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

### wlanAPStatsTotDataBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of data bytes observed on this BSSID.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxWlanAPPktSizeStatsTable

The objects of the wlsx WLAN AP Pkt Size Stats table provide information on BSSID statistics, which are grouped by packet size.

**Table 118** *wlsxWlanAPPktSizeStatsTable OIDs*

Object	Object ID	
<a href="#">wlsxWlanAPPktSizeStatsEntry</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1	wlsxWlanAPPktSizeStatsTable 1
<a href="#">wlanAPStatsPkts63Bytes</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.1	wlsxWlanAPPktSizeStatsEntry 1
<a href="#">wlanAPStatsPkts64To127</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.2	wlsxWlanAPPktSizeStatsEntry 2
<a href="#">wlanAPStatsPkts128To255</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.3	wlsxWlanAPPktSizeStatsEntry 3
<a href="#">wlanAPStatsPkts256To511</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.4	wlsxWlanAPPktSizeStatsEntry 4
<a href="#">wlanAPStatsPkts512To1023</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.5	wlsxWlanAPPktSizeStatsEntry 5
<a href="#">wlanAPStatsPkts1024To1518</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.6	wlsxWlanAPPktSizeStatsEntry 6

## wlsxWlanAPPktSizeStatsEntry

<b>Syntax</b>	wlsxWlanAPPktSizeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User entry.
<b>Index</b>	{wlanAPMacAddress, wlanAPRadioNumber, wlanAPBSSID}
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsPkts63Bytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were less than 64 bytes long.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsPkts64To127

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were between 64 and 127 bytes long.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsPkts128To255

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were between 128 and 255 bytes long.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPStatsPkts256To511

<b>Syntax</b>	Counter32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were between 256 and 511 bytes long.
<b>History</b>	Added in ArubaOS 2.3.

### wlanAPStatsPkts512To1023

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were between 512 and 1023 bytes long.
<b>History</b>	Added in ArubaOS 2.3.

### wlanAPStatsPkts1024To1518

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of packets that were between 1024 and 1518 bytes long.
<b>History</b>	Added in ArubaOS 2.3.

## wlsxWlanAPChStatsTable

The objects of the wlsx WLAN AP Ch Stats table provide information on the access points that are connected to the controller.

**Table 119** *wlsxWlanAPChStatsTableOIDs*

Object	Object OID	
<a href="#">wlsxWlanAPChStatsEntry</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1	wlsxWlanAPChStatsTable 1
<a href="#">wlanAPChannelNumber</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.1	wlsxWlanAPChStatsEntry 1
<a href="#">wlanAPChNumStations</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.2	wlsxWlanAPChStatsEntry 2
<a href="#">wlanAPChTotPkts</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.3	wlsxWlanAPChStatsEntry 3
<a href="#">wlanAPChTotBytes</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.4	wlsxWlanAPChStatsEntry 4
<a href="#">wlanAPChTotRetryPkts</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.5	wlsxWlanAPChStatsEntry 5
<a href="#">wlanAPChTotFragmentedPkts</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.6	wlsxWlanAPChStatsEntry 6
<a href="#">wlanAPChTotPhyErrPkts</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.7	wlsxWlanAPChStatsEntry 7
<a href="#">wlanAPChTotMacErrPkts</a>	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.8	wlsxWlanAPChStatsEntry 8

**Table 119** *wlsxWlanAPChStatsTableOIDs (Continued)*

Object	Object OID	
wlanAPChNoise	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.9	wlsxWlanAPChStatsEntry 9
wlanAPChCoverageIndex	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.10	wlsxWlanAPChStatsEntry 10
wlanAPChInterferenceIndex	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.11	wlsxWlanAPChStatsEntry 11
wlanAPChFrameRetryRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.12	wlsxWlanAPChStatsEntry 12
wlanAPFrameLowSpeedRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.13	wlsxWlanAPChStatsEntry 13
wlanAPFrameNonUnicastRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.14	wlsxWlanAPChStatsEntry 14
wlanAPChFrameFragmentationRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.15	wlsxWlanAPChStatsEntry 15
wlanAPChFrameBandwidthRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.16	wlsxWlanAPChStatsEntry 16
wlanAPChFrameRetryErrorRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.17	wlsxWlanAPChStatsEntry 17
wlanAPChBusyRate	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.18	wlsxWlanAPChStatsEntry 18
wlanAPChNumAPs	1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.19	wlsxWlanAPChStatsEntry 19

## wlsxWlanAPChStatsEntry

<b>Syntax</b>	WlanAPChStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Access point channel stats entry.
<b>Index</b>	{wlanAPMacAddress, wlanAPRadioNumber}
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPChannelNumber

<b>Syntax</b>	Integer(1..165)
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The channel the AP is currently using.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChNumStations

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of stations using this channel.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPChTotPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total packets observed on this channel.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPChTotBytes

<b>Syntax</b>	Counter32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total bytes observed on this channel.
<b>History</b>	Added in ArubaOS 2.3.



## wlanAPChTotRetryPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total retry packets observed on this channel.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPChTotFragmentedPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total fragmented packets observed on this channel.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPChTotPhyErrPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total physical error packets observed on this channel.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPChTotMacErrPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total MAC errors packets observed on this channel.
<b>History</b>	Added in ArubaOS 2.3.

## wlanAPChNoise

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only

<b>Status</b>	current
<b>Description</b>	The noise observed on this channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChCoverageIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The coverage provided by the AP on this channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChInterferenceIndex

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The interference observed on this channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChFrameRetryRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of retry packets as a percentage of the total packets transmitted and received on this channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChFrameLowSpeedRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of low data rate (<= 18 Mbps for A/G bands and <=2 Mbps for B band) packets as a percentage of the total packets transmitted and received on this channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChFrameNonUnicastRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast and multicast packets as a percentage of the total packets transmitted on this channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChFrameFragmentationRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of fragments as a percentage of the total packets transmitted on this channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChFrameBandwidthRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The bandwidth of this channel in Kbps.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChFrameRetryErrorRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of error packets as a percentage of the total packets received on this channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChBusyRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	How busy this channel is.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChNumAPs

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of access points observed on this channel.
<b>History</b>	Added in ArubaOS 2.3. Updated in ArubaOS 3.1—description.

## wlanAPChFrameReceiveErrorRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of error packets as a percentage of the total packets received on this channel.
<b>History</b>	Added in ArubaOS 3.1.0.0.

## wlsxWlanStationStatsTable

The objects of the wlsx WLAN Station Statistics table provide information of the air monitors that are attached to the controller. The information is sorted—generic, rate, destination address, frame type.

**Table 120** *wlsxWlanStationStatsTable OIDs*

Object	Object OID	
<a href="#">wlsxWlanStationStatsEntry</a>	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1	wlsxWlanStationStatsTable 1
<a href="#">wlanStaChannelNum</a>	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.1	wlsxWlanStationStatsEntry 1
<a href="#">wlanStaTxPkts</a>	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.2	wlsxWlanStationStatsEntry 2
<a href="#">wlanStaTxBytes</a>	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.3	wlsxWlanStationStatsEntry 3
<a href="#">wlanStaRxPkts</a>	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.4	wlsxWlanStationStatsEntry 4

**Table 120** *wlsxWlanStationStatsTable OIDs (Continued)*

Object	Object OID	
wlanStaRxBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.5	wlsxWlanStationStatsEntry 5
wlanStaTxBCastPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.6	wlsxWlanStationStatsEntry 6
wlanStaRxBCastBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.7	wlsxWlanStationStatsEntry 7
wlanStaTxMCastPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.8	wlsxWlanStationStatsEntry 8
wlanStaRxMCastBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.9	wlsxWlanStationStatsEntry 9
wlanStaDataPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.10	wlsxWlanStationStatsEntry 10
wlanStaCtrlPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.11	wlsxWlanStationStatsEntry 11
wlanStaNumAssocRequests	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.12	wlsxWlanStationStatsEntry 12
wlanStaNumAuthRequests	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.13	wlsxWlanStationStatsEntry 13
wlanStaTxDeauthentications	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.14	wlsxWlanStationStatsEntry 14
wlanStaRxDeauthentications	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.15	wlsxWlanStationStatsEntry 15
wlanStaFrameRetryRate	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.16	wlsxWlanStationStatsEntry 16
wlanStaFrameLowSpeedRate	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.17	wlsxWlanStationStatsEntry 17
wlanStaFrameNonUnicastRate	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.18	wlsxWlanStationStatsEntry 18
wlanStaFrameFragmentationRate	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.19	wlsxWlanStationStatsEntry 19
wlanStaFrameBandwidthRate	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.20	wlsxWlanStationStatsEntry 20
wlanStaFrameRetryErrorRate	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.21	wlsxWlanStationStatsEntry 21
wlanStaFrameReceiveErrorRate	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.22	wlsxWlanStationStatsEntry 22
wlanStaTxBCastBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.23	wlsxWlanStationStatsEntry 23

## wlsxWlanStationStatsEntry

<b>Syntax</b>	WlanStationStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	Station stats entry.
<b>Index</b>	{wlanStaPhyAddress}
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaChannelNum

<b>Syntax</b>	Unsigned32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The channel the station is currently using.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaTxPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaTxBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of bytes transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaRxPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaRxBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of bytes received by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaTxBCastPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast packets transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaRxBCastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast bytes transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.



## wlanStaTxMCastPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of multicast packets transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaRxMCastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of multicast bytes transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaDataPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of data packets transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaCtrlPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total number of control packets transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaNumAssocRequests

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of association requests transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaNumAuthRequests

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of authentication requests transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaTxDeauthentications

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of deauthentication frames transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaRxDeauthentications

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of deauthentication frames received by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaFrameRetryRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of retry packets as a percentage of the total packets transmitted and received by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaFrameLowSpeedRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of low data rate (<= 18 Mbps for A/G bands and <=2 Mbps for B band) packets as a percentage of the total packets transmitted and received by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaFrameNonUnicastRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast and multicast packets as a percentage of the total packets transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaFrameFragmentationRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of fragments as a percentage of the total packets transmitted by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaFrameBandwidthRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The bandwidth of this station in Kbps.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaFrameRetryErrorRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of error packets as a percentage of the total packets received by this station.
<b>History</b>	Added in ArubaOS 2.3. Updated ArubaOS 3.1—description.

## wlanStaFrameReceiveErrorRate

<b>Syntax</b>	Integer32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of error packets as a percentage of the total packets received by this station.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlanStaTxBCastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast bytes transmitted by this station.
<b>History</b>	Added in ArubaOS 3.2.0.0.

## wlsxWlanStaRateStatsTable

The objects of wlsx WLAN Station Rate Stats table provide packet and byte count information for a station. The

information is grouped by data rate.

**Table 121** *wlsxWlanStaRateStatsTable OIDs*

Object	Object OID	
wlsxWlanStaRateStatsEntry	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1	wlsxWlanStaRateStatsTable 1
wlanStaTxPktsAt1Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.1	wlsxWlanStaRateStatsEntry 1
wlanStaTxBytesAt1Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.2	wlsxWlanStaRateStatsEntry 2
wlanStaTxPktsAt2Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.3	wlsxWlanStaRateStatsEntry 3
wlanStaTxBytesAt2Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.4	wlsxWlanStaRateStatsEntry 4
wlanStaTxPktsAt5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.5	wlsxWlanStaRateStatsEntry 5
wlanStaTxBytesAt5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.6	wlsxWlanStaRateStatsEntry 6
wlanStaTxPktsAt11Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.7	wlsxWlanStaRateStatsEntry 7
wlanStaTxBytesAt11Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.8	wlsxWlanStaRateStatsEntry 8
wlanStaTxPktsAt6Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.9	wlsxWlanStaRateStatsEntry 9
wlanStaTxBytesAt6Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.10	wlsxWlanStaRateStatsEntry 10
wlanStaTxPktsAt12Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.11	wlsxWlanStaRateStatsEntry 11
wlanStaTxBytesAt12Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.12	wlsxWlanStaRateStatsEntry 12
wlanStaTxPktsAt18Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.13	wlsxWlanStaRateStatsEntry 13
wlanStaTxBytesAt18Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.14	wlsxWlanStaRateStatsEntry 14
wlanStaTxPktsAt24Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.15	wlsxWlanStaRateStatsEntry 15
wlanStaTxBytesAt24Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.16	wlsxWlanStaRateStatsEntry 16
wlanStaTxPktsAt36Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.17	wlsxWlanStaRateStatsEntry 17
wlanStaTxBytesAt36Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.18	wlsxWlanStaRateStatsEntry 18
wlanStaTxPktsAt48Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.19	wlsxWlanStaRateStatsEntry 19
wlanStaTxBytesAt48Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.20	wlsxWlanStaRateStatsEntry 20
wlanStaTxPktsAt54Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.21	wlsxWlanStaRateStatsEntry 21
wlanStaTxBytesAt54Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.22	wlsxWlanStaRateStatsEntry 22
wlanStaRxPktsAt1Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.23	wlsxWlanStaRateStatsEntry 23
wlanStaRxBytesAt1Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.24	wlsxWlanStaRateStatsEntry 24
wlanStaRxPktsAt2Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.25	wlsxWlanStaRateStatsEntry 25
wlanStaRxBytesAt2Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.26	wlsxWlanStaRateStatsEntry 26
wlanStaRxPktsAt5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.27	wlsxWlanStaRateStatsEntry 27
wlanStaRxBytesAt5Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.28	wlsxWlanStaRateStatsEntry 28
wlanStaRxPktsAt11Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.29	wlsxWlanStaRateStatsEntry 29
wlanStaRxBytesAt11Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.30	wlsxWlanStaRateStatsEntry 30
wlanStaRxPktsAt6Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.31	wlsxWlanStaRateStatsEntry 31
wlanStaRxBytesAt6Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.32	wlsxWlanStaRateStatsEntry 32

**Table 121** *wlsxWlanStaRateStatsTable OIDs (Continued)*

Object	Object OID	
wlanStaRxPktsAt12Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.33	wlsxWlanStaRateStatsEntry 33
wlanStaRxBytesAt12Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.34	wlsxWlanStaRateStatsEntry 34
wlanStaRxPktsAt18Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.35	wlsxWlanStaRateStatsEntry 35
wlanStaRxBytesAt18Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.36	wlsxWlanStaRateStatsEntry 36
wlanStaRxPktsAt24Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.37	wlsxWlanStaRateStatsEntry 37
wlanStaRxBytesAt24Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.38	wlsxWlanStaRateStatsEntry 38
wlanStaRxPktsAt36Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.39	wlsxWlanStaRateStatsEntry 39
wlanStaRxBytesAt36Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.40	wlsxWlanStaRateStatsEntry 40
wlanStaRxPktsAt48Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.41	wlsxWlanStaRateStatsEntry 41
wlanStaRxBytesAt48Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.42	wlsxWlanStaRateStatsEntry 42
wlanStaRxPktsAt54Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.43	wlsxWlanStaRateStatsEntry 43
wlanStaRxBytesAt54Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.44	wlsxWlanStaRateStatsEntry 44
wlanStaTxPktsAt9Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.45	wlsxWlanStaRateStatsEntry 45
wlanStaTxBytesAt9Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.46	wlsxWlanStaRateStatsEntry 46
wlanStaRxPktsAt9Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.47	wlsxWlanStaRateStatsEntry 47
wlanStaRxBytesAt9Mbps	1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.48	wlsxWlanStaRateStatsEntry 48

## wlsxWlanStaRateStatsEntry

<b>Syntax</b>	wlsxWlanStaRateStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User entry.
<b>Index</b>	{wlanStaPhyAddress}

## wlanStaTxPktsAt1Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 1 Mbps rate.

## wlanStaTxBytesAt1Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 1 Mbps rate.

## wlanStaTxPktsAt2Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 2 Mbps rate.

## wlanStaTxBytesAt2Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 2 Mbps rate.

## wlanStaTxPktsAt5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 5 Mbps rate.

## wlanStaTxBytesAt5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 5 Mbps rate.

## wlanStaTxPktsAt11Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 11 Mbps rate.

## wlanStaTxBytesAt11Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 11 Mbps rate.

## wlanStaTxPktsAt6Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 6 Mbps rate.

## wlanStaTxBytesAt6Mbps

<b>Syntax</b>	Counter32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 6 Mbps rate.

## wlanStaTxPktsAt12Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 12 Mbps rate.

## wlanStaTxBytesAt12Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 12 Mbps rate.

## wlanStaTxPktsAt18Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 18 Mbps rate.

## wlanStaTxBytesAt18Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 18 Mbps rate.

## wlanStaTxPktsAt24Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 24 Mbps rate.

## wlanStaTxBytesAt24Mbps

<b>Syntax</b>	Counter32
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<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 24 Mbps rate.

## wlanStaTxPktsAt36Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 36 Mbps rate.

## wlanStaTxBytesAt36Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 36 Mbps rate.

## wlanStaTxPktsAt48Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 48 Mbps rate.

## wlanStaTxBytesAt48Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 48 Mbps rate.

## wlanStaTxPktsAt54Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 54 Mbps rate.

## wlanStaTxBytesAt54Mbps

<b>Syntax</b>	Counter32
---------------	-----------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 54 Mbps rate.

## wlanStaRxPktsAt1Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 1 Mbps rate.

## wlanStaRxBytesAt1Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 1 Mbps rate.

## wlanStaRxPktsAt2Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 2 Mbps rate.

## wlanStaRxBytesAt2Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 2 Mbps rate.

## wlanStaRxPktsAt5Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 5 Mbps rate.

## wlanStaRxBytesAt5Mbps

<b>Syntax</b>	Counter32
---------------	-----------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 5 Mbps rate.

## **wlanStaRxPktsAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 11 Mbps rate.

## **wlanStaRxBytesAt11Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 11 Mbps rate.

## **wlanStaRxPktsAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 6 Mbps rate.

## **wlanStaRxBytesAt6Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 6 Mbps rate.

## **wlanStaRxPktsAt12Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 12 Mbps rate.

## **wlanStaRxBytesAt12Mbps**

<b>Syntax</b>	Counter32
---------------	-----------



<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 12 Mbps rate.

## **wlanStaRxPktsAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 18 Mbps rate.

## **wlanStaRxBytesAt18Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 18 Mbps rate.

## **wlanStaRxPktsAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 24 Mbps rate.

## **wlanStaRxBytesAt24Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 24 Mbps rate.

## **wlanStaRxPktsAt36Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 36 Mbps rate.

## **wlanStaRxBytesAt36Mbps**

<b>Syntax</b>	Counter32
---------------	-----------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 36 Mbps rate.

## **wlanStaRxPktsAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 48 Mbps rate.

## **wlanStaRxBytesAt48Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 48 Mbps rate.

## **wlanStaRxPktsAt54Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 54 Mbps rate.

## **wlanStaRxBytesAt54Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 54 Mbps rate.

## **wlanStaTxPktsAt9Mbps**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station at 9 Mbps rate.

## **wlanStaTxBytesAt9Mbps**

<b>Syntax</b>	Counter32
---------------	-----------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets transmitted by the station at 9 Mbps rate.

### wlanStaRxPktsAt9Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station at 9 Mbps rate.

### wlanStaRxBytesAt9Mbps

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of octets received by the station at 9 Mbps rate.

## wlsxWlanStaDATypeStatsTable

The objects of the wlsx WLAN Station Destination Access Type Stats table provide information of Station statistics that are sorted by destination address (DA).

**Table 122** *wlsxWlanStaDATypeStatsTable OIDs*

Object	Object ID	
wlsxWlanStaDATypeStatsEntry	1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1	wlsxWlanStaDATypeStatsTable 1
wlanStaTxDABroadcastPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.1	lwlsxWlanStaDATypeStatsEntry 1
wlanStaTxDABroadcastBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.2	lwlsxWlanStaDATypeStatsEntry 2
wlanStaTxDAMulticastPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.3	lwlsxWlanStaDATypeStatsEntry 3
wlanStaTxDAMulticastBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.4	lwlsxWlanStaDATypeStatsEntry 4
wlanStaTxDAUnicastPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.5	lwlsxWlanStaDATypeStatsEntry 5
wlanStaTxDAUnicastBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.6	lwlsxWlanStaDATypeStatsEntry 6

## wlswlanStaDATypeStatsEntry

<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User entry
<b>Index</b>	{wlanStaPhyAddress}

## wlanStaTxDABroadcastPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast packets transmitted by this station.

## wlanStaTxDABroadcastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of broadcast bytes transmitted by this station.

## wlanStaTxDAMulticastPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of multicast packets transmitted by this station.

## wlanStaTxDAMulticastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of multicast bytes transmitted by this station.

## wlanStaTxDAUnicastPkts

<b>Syntax</b>	Counter32
---------------	-----------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total of unicast packets transmitted by this station.

### wlanStaTxDAUnicastBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The total of unicast bytes transmitted by this station.

## wlsxWlanStaFrameTypeStatsTable

The objects of the wlsx WLAN Station Frame Type table provide information on the packet and byte counts per station. The information is sorted by frame type.

**Table 123** *wlsxWlanStaFrameTypeStatsTable OIDs*

Object	Object ID	Object ID
wlsxWlanStaFrameTypeStatsEntry	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1	wlsxWlanStaFrameTypeStatsTable 1
wlanStaTxMgmtPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.1	wlsxWlanStaFrameTypeStatsEntry 1
wlanStaTxMgmtBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.2	wlsxWlanStaFrameTypeStatsEntry 2
wlanStaTxCtrlPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.3	wlsxWlanStaFrameTypeStatsEntry 3
wlanStaTxCtrlBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.4	wlsxWlanStaFrameTypeStatsEntry 4
wlanStaTxDataPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.5	wlsxWlanStaFrameTypeStatsEntry 5
wlanStaTxDataBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.6	wlsxWlanStaFrameTypeStatsEntry 6
wlanStaRxMgmtPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.7	wlsxWlanStaFrameTypeStatsEntry 7
wlanStaRxMgmtBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.8	wlsxWlanStaFrameTypeStatsEntry 8
wlanStaRxCtrlPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.9	wlsxWlanStaFrameTypeStatsEntry 9
wlanStaRxCtrlBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.10	wlsxWlanStaFrameTypeStatsEntry 10
wlanStaRxDataPkts	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.11	wlsxWlanStaFrameTypeStatsEntry 11
wlanStaRxDataBytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.12	wlsxWlanStaFrameTypeStatsEntry 12

## **wlsxWlanStaFrameTypeStatsEntry**

<b>Syntax</b>	wlsxWlanStaFrameTypeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User entry
<b>Index</b>	{wlanStaPhyAddress}

## **wlanStaTxMgmtPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted management packets from a station.

## **wlanStaTxMgmtBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted management bytes from a station.

## **wlanStaTxCtrlPkts**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted control packets from a station.

## **wlanStaTxCtrlBytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted control bytes from a station.



## wlanStaTxDataPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted data packets from a station.

## wlanStaTxDataBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The transmitted data bytes observed on this channel.

## wlanStaRxMgmtPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received management packets at a station.

## wlanStaRxMgmtBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received management bytes at a station.

## wlanStaRxCtrlPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received control packets at a station.

## wlanStaRxCtrlBytes

<b>Syntax</b>	Counter32
---------------	-----------

<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received control bytes at a station.

### wlanStaRxDataPkts

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received data packets at a station.

### wlanStaRxDataBytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of received data bytes at a station.

## wlsxWlanStaPktSizeStatsTable

The objects of the wlsx WLAN Station Packet Size Statistics table provide information on the packet and byte counts for stations, which are sorted by packet size.

**Table 124** *wlsxWlanStaPktSizeStatsTable OIDs*

Object	Object ID	
wlsxWlanStaPktSizeStatsEntry	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1	wlsxWlanStaPktSizeStatsTable 1
wlanStaTxPkts63Bytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.1	wlsxWlanStaPktSizeStatsEntry 1
wlanStaTxPkts64To127	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.2	wlsxWlanStaPktSizeStatsEntry 2
wlanStaTxPkts128To255	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.3	wlsxWlanStaPktSizeStatsEntry 3
wlanStaTxPkts256To511	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.4	wlsxWlanStaPktSizeStatsEntry 4
wlanStaTxPkts512To1023	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.5	wlsxWlanStaPktSizeStatsEntry 5
wlanStaTxPkts1024To1518	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.6	wlsxWlanStaPktSizeStatsEntry 6
wlanStaRxPkts63Bytes	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.7	wlsxWlanStaPktSizeStatsEntry 7
wlanStaRxPkts64To127	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.8	wlsxWlanStaPktSizeStatsEntry 8
wlanStaRxPkts128To255	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.9	wlsxWlanStaPktSizeStatsEntry 9
wlanStaRxPkts256To511	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.10	wlsxWlanStaPktSizeStatsEntry 10
wlanStaRxPkts512To1023	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.11	wlsxWlanStaPktSizeStatsEntry 11
wlanStaRxPkts1024To1518	1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.12	wlsxWlanStaPktSizeStatsEntry 12

## wlsxWlanStaPktSizeStatsEntry

<b>Syntax</b>	wlsxWlanStaPktSizeStatsEntry
<b>Max-Access</b>	not-accessible
<b>Status</b>	current
<b>Description</b>	User entry.
<b>Index</b>	{wlanStaPhyAddress}

## wlanStaTxPkts63Bytes

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were less than 64 bytes long.

## wlanStaTxPkts64To127

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were between 64 and 127 bytes long.

## wlanStaTxPkts128To255

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were between 128 and 255 bytes long.

## wlanStaTxPkts256To511

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were between 256 and 511 bytes long.

### **wlanStaTxPkts512To1023**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were between 512 and 1023 bytes long.

### **wlanStaTxPkts1024To1518**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets transmitted by the station that were between 1024 and 1518 bytes long.

### **wlanStaRxPkts63Bytes**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were less than 64 bytes long.

### **wlanStaRxPkts64To127**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were between 64 and 127 bytes long.

### **wlanStaRxPkts128To255**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were between 128 and 255 bytes long.

## **wlanStaRxPkts256To511**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were between 256 and 511 bytes long.

## **wlanStaRxPkts512To1023**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were between 512 and 1023 bytes long.

## **wlanStaRxPkts1024To1518**

<b>Syntax</b>	Counter32
<b>Max-Access</b>	read-only
<b>Status</b>	current
<b>Description</b>	The number of packets received by the station that were between 1024 and 1518 bytes long.



This section provides lists of the SNMP MIB OIDs that are related to ArubaOS. The first table (Table 125) defines the sysObjectIds for Dell products.

**Table 125** *SNMP OIDs returned as sysObjectID for Dell Networks products*

SNMP MIB	OID
Dell	.1.3.6.1.4.1.674
PowerConnect products	.1.3.6.1.4.1.674.10895
Dell PowerConnect W-650 Controller	.1.3.6.1.4.1.674.10895.5001
Dell PowerConnect W-651 Controller	.1.3.6.1.4.1.674.10895.5002
Dell PowerConnect W-3200 Controller	.1.3.6.1.4.1.674.10895.5003
Dell PowerConnect W-3400 Controller	.1.3.6.1.4.1.674.10895.5004
Dell PowerConnect W-3600 Controller	.1.3.6.1.4.1.674.10895.5005
Dell PowerConnect W-AP92 Access Point	.1.3.6.1.4.1.674.10895.5006
Dell PowerConnect W-AP93 Access Point	.1.3.6.1.4.1.674.10895.5007
Dell PowerConnect W-AP105 Access Point	.1.3.6.1.4.1.674.10895.5008
Dell PowerConnect W-AP124 Access Point	.1.3.6.1.4.1.674.10895.5009
Dell PowerConnect W-AP125 Access Point	.1.3.6.1.4.1.674.10895.5010
Dell PowerConnect W-RAP5 Access Point	.1.3.6.1.4.1.674.10895.5011
Dell PowerConnect W-RAP5WN Access Point	.1.3.6.1.4.1.674.10895.5012
Dell PowerConnect W-RAP-2 Access Point	.1.3.6.1.4.1.674.10895.5013
Dell PowerConnect W-620 Controller	.1.3.6.1.4.1.674.10895.5014

The following table provides the OIDs for objects from the Aruba Networks enterprise MIBs.

**Table 126** *SNMP OIDs for Aruba Enterprise MIB modules*

SNMP MIB	OID
aruba	.1.3.6.1.4.1.14823
arubaEnterpriseMibModules	.1.3.6.1.4.1.14823.2
common	.1.3.6.1.4.1.14823.2.1

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
switch	.1.3.6.1.4.1.14823.2.2
wlsxEnterpriseMibModules	.1.3.6.1.4.1.14823.2.2.1
wlsxSwitchMIB	.1.3.6.1.4.1.14823.2.2.1.1
wlsxSystemXGroup	.1.3.6.1.4.1.14823.2.2.1.1.1
wlsxHostname	.1.3.6.1.4.1.14823.2.2.1.1.1.1
wlsxModelName	.1.3.6.1.4.1.14823.2.2.1.1.1.2
wlsxSwitchIp	.1.3.6.1.4.1.14823.2.2.1.1.1.3
wlsxSwitchRole	.1.3.6.1.4.1.14823.2.2.1.1.1.4
wlsxSwitchMasterIp	.1.3.6.1.4.1.14823.2.2.1.1.1.5
wlsxSwitchListTable	.1.3.6.1.4.1.14823.2.2.1.1.1.6
wlsxSwitchListEntry	.1.3.6.1.4.1.14823.2.2.1.1.1.6.1
switchListSwitchIPAddress	.1.3.6.1.4.1.14823.2.2.1.1.1.6.1.1
switchListSwitchRole	.1.3.6.1.4.1.14823.2.2.1.1.1.6.1.2
wlsxSwitchLicenseCoun	.1.3.6.1.4.1.14823.2.2.1.1.1.7
wlsxSwitchLicenseTable	.1.3.6.1.4.1.14823.2.2.1.1.1.8
wlsxLicenseEntry	.1.3.6.1.4.1.14823.2.2.1.1.1.8.1
licenseIndex	.1.3.6.1.4.1.14823.2.2.1.1.1.8.1.1
licenseKey	.1.3.6.1.4.1.14823.2.2.1.1.1.8.1.2
licenseInstalled	.1.3.6.1.4.1.14823.2.2.1.1.1.8.1.3
licenseExpires	.1.3.6.1.4.1.14823.2.2.1.1.1.8.1.4
licenseFlags	.1.3.6.1.4.1.14823.2.2.1.1.1.8.1.5
licenseService	.1.3.6.1.4.1.14823.2.2.1.1.1.8.1.6
wlsxSysXProcessorTable	.1.3.6.1.4.1.14823.2.2.1.1.1.9
wlsxSysXProcessorEntry	.1.3.6.1.4.1.14823.2.2.1.1.1.9.1
sysXProcessorID	.1.3.6.1.4.1.14823.2.2.1.1.1.9.1.1
sysXProcessorDescr	.1.3.6.1.4.1.14823.2.2.1.1.1.9.1.2
sysXProcessorLoad	.1.3.6.1.4.1.14823.2.2.1.1.1.9.1.3
wlsxSysXStorageTable	.1.3.6.1.4.1.14823.2.2.1.1.1.10
wlsxSysXStorageEntry	.1.3.6.1.4.1.14823.2.2.1.1.1.10.1
sysXStorageIndex	.1.3.6.1.4.1.14823.2.2.1.1.1.10.1.1
sysXStorageType	.1.3.6.1.4.1.14823.2.2.1.1.1.10.1.2
sysXStorageSize	.1.3.6.1.4.1.14823.2.2.1.1.1.10.1.3
sysXStorageUsed	.1.3.6.1.4.1.14823.2.2.1.1.1.10.1.4
sysXStorageName	.1.3.6.1.4.1.14823.2.2.1.1.1.10.1.5



**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxSysXMemoryTable	.1.3.6.1.4.1.14823.2.2.1.1.1.11
wlsxSysXMemoryEntry	.1.3.6.1.4.1.14823.2.2.1.1.1.11.1
sysXMemoryIndex	.1.3.6.1.4.1.14823.2.2.1.1.1.11.1.1
sysXMemorySize	.1.3.6.1.4.1.14823.2.2.1.1.1.11.1.2
sysXMemoryUsed	.1.3.6.1.4.1.14823.2.2.1.1.1.11.1.3
sysXMemoryFree	.1.3.6.1.4.1.14823.2.2.1.1.1.11.1.4
wlsxSwitchLicenseSerialNumber	.1.3.6.1.4.1.14823.2.2.1.1.1.12
wlsxUserInfoGroup	.1.3.6.1.4.1.14823.2.2.1.1.2
wlsxSwitchUserTable	.1.3.6.1.4.1.14823.2.2.1.1.2.1
wlsxSwitchUserEntry	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1
userIpAddress	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.1
userPhyAddress	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.2
userName	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.3
userRole	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.4
userUpTime	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.5
userAuthenticationMethod	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.6
userLocation	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.7
userServerName	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.8
userConnectedVlan	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.9
userConnectedSlot	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.10
userConnectedPort	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.11
userBWContractName	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.12
userBWContractUsage	.1.3.6.1.4.1.14823.2.2.1.1.2.1.1.13
wlsxSwitchStationMgmtTable	.1.3.6.1.4.1.14823.2.2.1.1.2.2
wlsxSwitchStationMgmtEntry	.1.3.6.1.4.1.14823.2.2.1.1.2.2.1
staPhyAddress	.1.3.6.1.4.1.14823.2.2.1.1.2.2.1.1
staAccessPointBSSID	.1.3.6.1.4.1.14823.2.2.1.1.2.2.1.2
staUserName	.1.3.6.1.4.1.14823.2.2.1.1.2.2.1.3
staUserRole	.1.3.6.1.4.1.14823.2.2.1.1.2.2.1.4
staAssociationID	.1.3.6.1.4.1.14823.2.2.1.1.2.2.1.5
staAccessPointESSID	.1.3.6.1.4.1.14823.2.2.1.1.2.2.1.6
staSignalToNoiseRatio	.1.3.6.1.4.1.14823.2.2.1.1.2.2.1.7
staTransmitRate	.1.3.6.1.4.1.14823.2.2.1.1.2.2.1.8
staReceiveRate	.1.3.6.1.4.1.14823.2.2.1.1.2.2.1.9

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxSwitchStationStatsTable	.1.3.6.1.4.1.14823.2.2.1.1.2.3
wlsxSwitchStationStatsEntry	.1.3.6.1.4.1.14823.2.2.1.1.2.3.1
staTxPackets	.1.3.6.1.4.1.14823.2.2.1.1.2.3.1.1
staTxBytes	.1.3.6.1.4.1.14823.2.2.1.1.2.3.1.2
staRxPackets	.1.3.6.1.4.1.14823.2.2.1.1.2.3.1.3
staRxBytes	.1.3.6.1.4.1.14823.2.2.1.1.2.3.1.4
staBwRate	.1.3.6.1.4.1.14823.2.2.1.1.2.3.1.5
staFrameRetryRate	.1.3.6.1.4.1.14823.2.2.1.1.2.3.1.6
staFrameLowSpeedRate	.1.3.6.1.4.1.14823.2.2.1.1.2.3.1.7
staFrameNonUnicastRate	.1.3.6.1.4.1.14823.2.2.1.1.2.3.1.8
staFrameFragmentationRate	.1.3.6.1.4.1.14823.2.2.1.1.2.3.1.9
staFrameReceiveErrorRate	.1.3.6.1.4.1.14823.2.2.1.1.2.3.1.10
wlsxAccessPointInfoGroup	.1.3.6.1.4.1.14823.2.2.1.1.3
wlsxSwitchTotalNumAccessPoints	.1.3.6.1.4.1.14823.2.2.1.1.3.1
wlsxSwitchTotalNumStationsAssociated	.1.3.6.1.4.1.14823.2.2.1.1.3.2
wlsxSwitchAccessPointTable	.1.3.6.1.4.1.14823.2.2.1.1.3.3
wlsxSwitchAccessPointEntry	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1
apBSSID	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.1
apESSID	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.2
apSlot	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.3
apPort	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.4
apIpAddress	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.5
apPhyType	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.6
apType	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.7
apCurrentChannel	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.8
apLocation	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.9
apTotalTime	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.10
apInactiveTime	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.11
apLoadBalancing	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.12
apChannelNoise	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.13
apSignalToNoiseRatio	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.14
apTransmitRate	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.15
apReceiveRate	.1.3.6.1.4.1.14823.2.2.1.1.3.3.1.16
wlsxSwitchGlobalAPTable	.1.3.6.1.4.1.14823.2.2.1.1.3.4

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxSwitchGlobalAPEntry	.1.3.6.1.4.1.14823.2.2.1.1.3.4.1
globalAPLocation	.1.3.6.1.4.1.14823.2.2.1.1.3.4.1.1
globalAPAddress	.1.3.6.1.4.1.14823.2.2.1.1.3.4.1.2
globalAPLocalSwitch	.1.3.6.1.4.1.14823.2.2.1.1.3.4.1.3
globalAPdot11aPhyAddr	.1.3.6.1.4.1.14823.2.2.1.1.3.4.1.4
globalAPdot11bPhyAddr	.1.3.6.1.4.1.14823.2.2.1.1.3.4.1.5
globalAPState	.1.3.6.1.4.1.14823.2.2.1.1.3.4.1.6
globalAPdot11gPhyAddr	.1.3.6.1.4.1.14823.2.2.1.1.3.4.1.7
wlsxSwitchAccessPointStatsTable	.1.3.6.1.4.1.14823.2.2.1.1.3.5
wlsxSwitchAccessPointStatsEntry	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1
apStatsChannel	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.1
apChannelBwRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.2
apChannelFrameRetryRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.3
apChannelFrameLowSpeedRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.4
apChannelFrameNonUnicastRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.5
apChannelFrameFragmentationRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.6
apChannelFrameReceiveErrorRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.7
apBSSTxPackets	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.8
apBSSTxBytes	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.9
apBSSRxPackets	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.10
apBSSRxBytes	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.11
apBSSBwRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.12
apBSSFrameRetryRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.13
apBSSFrameLowSpeedRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.14
apBSSFrameNonUnicastRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.15
apBSSFrameFragmentationRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.16
apBSSFrameReceiveErrorRate	.1.3.6.1.4.1.14823.2.2.1.1.3.5.1.17
wlsxSwitchTraps	.1.3.6.1.4.1.14823.2.2.1.1.100
wlsxSwitchTrapObjectsGroup	.1.3.6.1.4.1.14823.2.2.1.1.100.100
wlsxAuthServerName	.1.3.6.1.4.1.14823.2.2.1.1.100.100.1
wlsxAuthServerTimeout	.1.3.6.1.4.1.14823.2.2.1.1.100.100.2
wlsxFanNumber	.1.3.6.1.4.1.14823.2.2.1.1.100.100.4
wlsxLineCardNumber	.1.3.6.1.4.1.14823.2.2.1.1.100.100.5
wlsxVoltageType	.1.3.6.1.4.1.14823.2.2.1.1.100.100.6

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxVoltageValue	.1.3.6.1.4.1.14823.2.2.1.1.100.100.7
wlsxTemperatureValue	.1.3.6.1.4.1.14823.2.2.1.1.100.100.8
wlsxProcessName	.1.3.6.1.4.1.14823.2.2.1.1.100.100.9
wlsxStationMacAddress	.1.3.6.1.4.1.14823.2.2.1.1.100.100.10
wlsxStationBlackListReason	.1.3.6.1.4.1.14823.2.2.1.1.100.100.11
wlsxSpoofedIpAddress	.1.3.6.1.4.1.14823.2.2.1.1.100.100.12
wlsxSpoofedOldPhyAddress	.1.3.6.1.4.1.14823.2.2.1.1.100.100.13
wlsxSpoofedNewPhyAddress	.1.3.6.1.4.1.14823.2.2.1.1.100.100.14
wlsxDBName	.1.3.6.1.4.1.14823.2.2.1.1.100.100.15
wlsxDBUserName	.1.3.6.1.4.1.14823.2.2.1.1.100.100.16
wlsxDBIpAddress	.1.3.6.1.4.1.14823.2.2.1.1.100.100.17
wlsxDBType	.1.3.6.1.4.1.14823.2.2.1.1.100.100.18
wlsxVrID	.1.3.6.1.4.1.14823.2.2.1.1.100.100.19
wlsxVrMasterIp	.1.3.6.1.4.1.14823.2.2.1.1.100.100.20
wlsxVrrpOperState	.1.3.6.1.4.1.14823.2.2.1.1.100.100.21
wlsxApTxPower	.1.3.6.1.4.1.14823.2.2.1.1.100.100.22
wlsxESIServerGrpName	.1.3.6.1.4.1.14823.2.2.1.1.100.100.23
wlsxESIServerName	.1.3.6.1.4.1.14823.2.2.1.1.100.100.24
wlsxESIServerIpAddress	.1.3.6.1.4.1.14823.2.2.1.1.100.100.25
wlsxLicenseDaysRemaining	.1.3.6.1.4.1.14823.2.2.1.1.100.100.26
wlsxSlotNumber	.1.3.6.1.4.1.14823.2.2.1.1.100.100.27
wlsxSwitchIPChanged	.1.3.6.1.4.1.14823.2.2.1.1.100.1001
wlsxSwitchRoleChange	.1.3.6.1.4.1.14823.2.2.1.1.100.1002
wlsxUserEntryCreated	.1.3.6.1.4.1.14823.2.2.1.1.100.1003
wlsxUserEntryDeleted	.1.3.6.1.4.1.14823.2.2.1.1.100.1004
wlsxUserEntryAuthenticated	.1.3.6.1.4.1.14823.2.2.1.1.100.1005
wlsxUserEntryDeAuthenticated	.1.3.6.1.4.1.14823.2.2.1.1.100.1006
wlsxUserAuthenticationFailed	.1.3.6.1.4.1.14823.2.2.1.1.100.1007
wlsxAuthServerReqTimedOut	.1.3.6.1.4.1.14823.2.2.1.1.100.1008
wlsxAuthServerTimedOu	.1.3.6.1.4.1.14823.2.2.1.1.100.1009
wlsxAuthServerIsUp	.1.3.6.1.4.1.14823.2.2.1.1.100.1010
wlsxAuthMaxUserEntries	.1.3.6.1.4.1.14823.2.2.1.1.100.1011
wlsxAuthMaxAclEntries	.1.3.6.1.4.1.14823.2.2.1.1.100.1012
wlsxAuthMaxBWContracts	.1.3.6.1.4.1.14823.2.2.1.1.100.1013

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxPowerSupplyFailure	.1.3.6.1.4.1.14823.2.2.1.1.100.1014
wlsxFanFailure	.1.3.6.1.4.1.14823.2.2.1.1.100.1015
wlsxOutOfRangeVoltage	.1.3.6.1.4.1.14823.2.2.1.1.100.1016
wlsxOutOfRangeTemperature	.1.3.6.1.4.1.14823.2.2.1.1.100.1017
wlsxLCInserted	.1.3.6.1.4.1.14823.2.2.1.1.100.1018
wlsxSCInserted	.1.3.6.1.4.1.14823.2.2.1.1.100.1019
wlsxGBICInserted	.1.3.6.1.4.1.14823.2.2.1.1.100.1020
wlsxProcessDied	.1.3.6.1.4.1.14823.2.2.1.1.100.1021
wlsxProcessExceedsMemoryLimits	.1.3.6.1.4.1.14823.2.2.1.1.100.1022
wlsxLowOnFlashSpace	.1.3.6.1.4.1.14823.2.2.1.1.100.1023
wlsxLowMemory	.1.3.6.1.4.1.14823.2.2.1.1.100.1024
wlsxFanTrayRemoved	.1.3.6.1.4.1.14823.2.2.1.1.100.1025
wlsxFanTrayInserted	.1.3.6.1.4.1.14823.2.2.1.1.100.1026
wlsxLCRemoved	.1.3.6.1.4.1.14823.2.2.1.1.100.1027
wlsxSCRemoved	.1.3.6.1.4.1.14823.2.2.1.1.100.1028
wlsxPowerSupplyMissing	.1.3.6.1.4.1.14823.2.2.1.1.100.1029
wlsxAccessPointsUp	.1.3.6.1.4.1.14823.2.2.1.1.100.1030
wlsxAccessPointsDown	.1.3.6.1.4.1.14823.2.2.1.1.100.1031
wlsxCoverageHoleDetected	.1.3.6.1.4.1.14823.2.2.1.1.100.1032
wlsxChannelChanged	.1.3.6.1.4.1.14823.2.2.1.1.100.1033
wlsxStationAddedToBlackList	.1.3.6.1.4.1.14823.2.2.1.1.100.1034
wlsxStationRemovedFromBlackList	.1.3.6.1.4.1.14823.2.2.1.1.100.1035
wlsxIpSpoofingDetected	.1.3.6.1.4.1.14823.2.2.1.1.100.1036
wlsxDBCommunicationFailure	.1.3.6.1.4.1.14823.2.2.1.1.100.1037
wlsxVrrpStateChange	.1.3.6.1.4.1.14823.2.2.1.1.100.1038
wlsxAPRadioAttributesChanged	.1.3.6.1.4.1.14823.2.2.1.1.100.1039
wlsxESIServerUp	.1.3.6.1.4.1.14823.2.2.1.1.100.1040
wlsxESIServerDown	.1.3.6.1.4.1.14823.2.2.1.1.100.1041
wlsxLicenseExpiry	.1.3.6.1.4.1.14823.2.2.1.1.100.1042
wlsxSystemExtMIB	.1.3.6.1.4.1.14823.2.2.1.2
wlsxSystemExtGroup	.1.3.6.1.4.1.14823.2.2.1.2.1
wlsxSysExtSwitchIp	.1.3.6.1.4.1.14823.2.2.1.2.1.1
wlsxSysExtHostname	.1.3.6.1.4.1.14823.2.2.1.2.1.2
wlsxSysExtModelName	.1.3.6.1.4.1.14823.2.2.1.2.1.3

**Table 126** *SNMP OIDs for Aruba Enterprise MIB modules (Continued)*

<b>SNMP MIB</b>	<b>OID</b>
wlsxSysExtSwitchRole	.1.3.6.1.4.1.14823.2.2.1.2.1.4
wlsxSysExtSwitchMasterIp	.1.3.6.1.4.1.14823.2.2.1.2.1.5
wlsxSysExtSwitchDate	.1.3.6.1.4.1.14823.2.2.1.2.1.6
wlsxSysExtSwitchBaseMacaddress	.1.3.6.1.4.1.14823.2.2.1.2.1.7
wlsxSysExtFanTrayAssemblyNumber	.1.3.6.1.4.1.14823.2.2.1.2.1.8
wlsxSysExtFanTraySerialNumber	.1.3.6.1.4.1.14823.2.2.1.2.1.9
wlsxSysExtInternalTemperature	.1.3.6.1.4.1.14823.2.2.1.2.1.10
wlsxSysExtLicenseSerialNumber	.1.3.6.1.4.1.14823.2.2.1.2.1.11
wlsxSysExtSwitchLicenseCount	.1.3.6.1.4.1.14823.2.2.1.2.1.12
wlsxSysExtProcessorTable	.1.3.6.1.4.1.14823.2.2.1.2.1.13
wlsxSysExtProcessorEntry	.1.3.6.1.4.1.14823.2.2.1.2.1.13.1
sysExtProcessorID	.1.3.6.1.4.1.14823.2.2.1.2.1.13.1.1
sysExtProcessorDescr	.1.3.6.1.4.1.14823.2.2.1.2.1.13.1.2
sysExtProcessorLoad	.1.3.6.1.4.1.14823.2.2.1.2.1.13.1.3
wlsxSysExtStorageTable	.1.3.6.1.4.1.14823.2.2.1.2.1.14
wlsxSysExtStorageEntry	.1.3.6.1.4.1.14823.2.2.1.2.1.14.1
sysExtStorageIndex	.1.3.6.1.4.1.14823.2.2.1.2.1.14.1.1
sysExtStorageType	.1.3.6.1.4.1.14823.2.2.1.2.1.14.1.2
sysExtStorageSize	.1.3.6.1.4.1.14823.2.2.1.2.1.14.1.3
sysExtStorageUsed	.1.3.6.1.4.1.14823.2.2.1.2.1.14.1.4
sysExtStorageName	.1.3.6.1.4.1.14823.2.2.1.2.1.14.1.5
wlsxSysExtMemoryTable	.1.3.6.1.4.1.14823.2.2.1.2.1.15
wlsxSysExtMemoryEntry	.1.3.6.1.4.1.14823.2.2.1.2.1.15.1
sysExtMemoryIndex	.1.3.6.1.4.1.14823.2.2.1.2.1.15.1.1
sysExtMemorySize	.1.3.6.1.4.1.14823.2.2.1.2.1.15.1.2
sysExtMemoryUsed	.1.3.6.1.4.1.14823.2.2.1.2.1.15.1.3
sysExtMemoryFree	.1.3.6.1.4.1.14823.2.2.1.2.1.15.1.4
wlsxSysExtCardTable	.1.3.6.1.4.1.14823.2.2.1.2.1.16
wlsxSysExtCardEntry	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1
sysExtCardSlot	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.1
sysExtCardType	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.2
sysExtCardNumOfPorts	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.3
sysExtCardNumOfFastethernetPorts	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.4
sysExtCardNumOfGigPorts	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.5

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
sysExtCardSerialNo	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.6
sysExtCardAssemblyNo	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.7
sysExtCardManufacturingDate	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.8
sysExtCardHwRevision	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.9
sysExtCardFpgaRevision	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.10
sysExtCardSwitchChip	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.11
sysExtCardStatus	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.12
sysExtCardUserSlot	.1.3.6.1.4.1.14823.2.2.1.2.1.16.1.13
wlsxSysExtFanTable	.1.3.6.1.4.1.14823.2.2.1.2.1.17
wlsxSysExtFanEntry	.1.3.6.1.4.1.14823.2.2.1.2.1.17.1
sysExtFanIndex	.1.3.6.1.4.1.14823.2.2.1.2.1.17.1.1
sysExtFanStatus	.1.3.6.1.4.1.14823.2.2.1.2.1.17.1.2
wlsxSysExtPowerSupplyTable	.1.3.6.1.4.1.14823.2.2.1.2.1.18
wlsxSysExtPowerSupplyEntry	.1.3.6.1.4.1.14823.2.2.1.2.1.18.1
sysExtPowerSupplyIndex	.1.3.6.1.4.1.14823.2.2.1.2.1.18.1.1
sysExtPowerSupplyStatus	.1.3.6.1.4.1.14823.2.2.1.2.1.18.1.2
wlsxSysExtSwitchListTable	.1.3.6.1.4.1.14823.2.2.1.2.1.19
wlsxSysExtSwitchListEntry	.1.3.6.1.4.1.14823.2.2.1.2.1.19.1
sysExtSwitchIPAddress	.1.3.6.1.4.1.14823.2.2.1.2.1.19.1.1
sysExtSwitchRole	.1.3.6.1.4.1.14823.2.2.1.2.1.19.1.2
sysExtSwitchLocation	.1.3.6.1.4.1.14823.2.2.1.2.1.19.1.3
sysExtSwitchSWVersion	.1.3.6.1.4.1.14823.2.2.1.2.1.19.1.4
sysExtSwitchStatus	.1.3.6.1.4.1.14823.2.2.1.2.1.19.1.5
sysExtSwitchName	.1.3.6.1.4.1.14823.2.2.1.2.1.19.1.6
sysExtSwitchSerNo	.1.3.6.1.4.1.14823.2.2.1.2.1.19.1.7
wlsxSysExtSwitchLicenseTable	.1.3.6.1.4.1.14823.2.2.1.2.1.20
wlsxSysExtLicenseEntry	.1.3.6.1.4.1.14823.2.2.1.2.1.20.1
sysExtLicenseIndex	.1.3.6.1.4.1.14823.2.2.1.2.1.20.1.1
sysExtLicenseKey	.1.3.6.1.4.1.14823.2.2.1.2.1.20.1.2
sysExtLicenseInstalled	.1.3.6.1.4.1.14823.2.2.1.2.1.20.1.3
sysExtLicenseExpires	.1.3.6.1.4.1.14823.2.2.1.2.1.20.1.4
sysExtLicenseFlags	.1.3.6.1.4.1.14823.2.2.1.2.1.20.1.5
sysExtLicenseService	.1.3.6.1.4.1.14823.2.2.1.2.1.20.1.6
wlsxSysExtMMSCompatLevel	.1.3.6.1.4.1.14823.2.2.1.2.1.21

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxSysExtMMSConfigID	.1.3.6.1.4.1.14823.2.2.1.2.1.22
wlsxSysExtControllerConfigID	.1.3.6.1.4.1.14823.2.2.1.2.1.23
wlsxSysExtIsMMSConfigUpdateEnabled	.1.3.6.1.4.1.14823.2.2.1.2.1.24
wlsxSysExtSwitchLastReload	.1.3.6.1.4.1.14823.2.2.1.2.1.25
wlsxSysExtLastStatsReset	.1.3.6.1.4.1.14823.2.2.1.2.1.26
wlsxSystemExtTableGenNumberGroup	.1.3.6.1.4.1.14823.2.2.1.2.2
wlsxSysExtUserTableGenNumber	.1.3.6.1.4.1.14823.2.2.1.2.2.1
wlsxSysExtAPBssidTableGenNumber	.1.3.6.1.4.1.14823.2.2.1.2.2.2
wlsxSysExtAPRadioTableGenNumber	.1.3.6.1.4.1.14823.2.2.1.2.2.3
wlsxSysExtAPTableGenNumber	.1.3.6.1.4.1.14823.2.2.1.2.2.4
wlsxSysExtSwitchListTableGenNumber	.1.3.6.1.4.1.14823.2.2.1.2.2.5
wlsxSysExtPortTableGenNumber	.1.3.6.1.4.1.14823.2.2.1.2.2.6
wlsxSysExtVlanTableGenNumber	.1.3.6.1.4.1.14823.2.2.1.2.2.7
wlsxSysExtVlanInterfaceTableGenNumber	.1.3.6.1.4.1.14823.2.2.1.2.2.8
wlsxSysExtLicenseTableGenNumber	.1.3.6.1.4.1.14823.2.2.1.2.2.9
wlsxSysExtMonAPTableGenNumber	.1.3.6.1.4.1.14823.2.2.1.2.2.10
wlsxSysExtMonStationTableGenNumber	.1.3.6.1.4.1.14823.2.2.1.2.2.11
wlsxIfExtMIB	.1.3.6.1.4.1.14823.2.2.1.3
wlsxIfExtGroup	.1.3.6.1.4.1.14823.2.2.1.3.1
wlsxIfExtPortTable	.1.3.6.1.4.1.14823.2.2.1.3.1.1
wlsxIfExtPortEntry	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1
ifExtSlotNumber	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.1
ifExtPortNumber	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.2
ifExtPortIfIndex	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.3
ifExtAdminState	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.4
ifExtOperState	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.5
ifExtPoeState	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.6
ifExtIsTrusted	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.7
ifExtDot1DState	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.8
ifExtMode	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.9
ifExtAccessVlanId	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.10
ifExtTrunkNativeVlanId	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.11
ifExtTrunkIsAllowedAll	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.12
ifExtTrunkAllowedVlanList	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.13



**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
ifExtIngressACLName	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.14
ifExtEgressACLName	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.15
ifExtSessionACLName	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.16
ifExtXsecVlan	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.17
ifExtIsMonitoring	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.18
ifExtIsMux	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.19
ifExtUserSlotNumber	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.20
ifExtUserPortNumber	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.21
ifExtPortSpeed	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.22
ifExtPortDuplex	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.23
ifExtPortType	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.24
ifExtDescr	.1.3.6.1.4.1.14823.2.2.1.3.1.1.1.25
wlsxIfExtVlanTable	.1.3.6.1.4.1.14823.2.2.1.3.1.2
wlsxIfExtVlanEntry	.1.3.6.1.4.1.14823.2.2.1.3.1.2.1
ifExtVlanId	.1.3.6.1.4.1.14823.2.2.1.3.1.2.1.1
ifExtVlanName	.1.3.6.1.4.1.14823.2.2.1.3.1.2.1.2
ifExtVlanStatus	.1.3.6.1.4.1.14823.2.2.1.3.1.2.1.3
wlsxIfExtVlanMemberTable	.1.3.6.1.4.1.14823.2.2.1.3.1.3
wlsxIfExtVlanMemberEntry	.1.3.6.1.4.1.14823.2.2.1.3.1.3.1
ifExtVlanMemberStatus	.1.3.6.1.4.1.14823.2.2.1.3.1.3.1.1
ifExtVlanMemberSlot	.1.3.6.1.4.1.14823.2.2.1.3.1.3.1.2
ifExtVlanMemberPort	.1.3.6.1.4.1.14823.2.2.1.3.1.3.1.3
ifExtVlanMemberType	.1.3.6.1.4.1.14823.2.2.1.3.1.3.1.4
wlsxIfExtVlanInterfaceTable	.1.3.6.1.4.1.14823.2.2.1.3.1.4
wlsxIfExtVlanInterfaceEntry	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1
ifExtVlanInterfaceIfIndex	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.1
ifExtVlanInterfaceDescription	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.2
ifExtVlanInterfaceBWContract	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.3
ifExtVlanInterfaceAdminState	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.4
ifExtVlanInterfaceOperState	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.5
ifExtVlanInterfaceIpAddress	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.6
ifExtVlanInterfaceIpMask	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.7
ifExtVlanInterfaceIsLocalArp	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.8
ifExtVlanInterfaceStatus	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.9

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
ifExtVlanInterfaceIpRouting	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.10
ifExtVlanInterfaceIpNatInside	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.11
ifExtVlanInterfaceIpIcmpSnooping	.1.3.6.1.4.1.14823.2.2.1.3.1.4.1.12
wlsxUserMIB	.1.3.6.1.4.1.14823.2.2.1.4
wlsxUserAllInfoGroup	.1.3.6.1.4.1.14823.2.2.1.4.1
wlsxTotalNumOfUsers	.1.3.6.1.4.1.14823.2.2.1.4.1.1
wlsxUserTable	.1.3.6.1.4.1.14823.2.2.1.4.1.2
wlsxUserEntry	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1
nUserPhyAddress	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.1
nUserIpAddress	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.2
nUserName	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.3
nUserRole	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.4
nUserUpTime	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.5
nUserAuthenticationMethod	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.6
nUserSubAuthenticationMethod	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.7
nUserAuthServerName	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.8
nUserExtVPNAddress	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.9
nUserApLocation	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.10
nUserApBSSID	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.11
nUserIsOnHomeAgent	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.12
nUserHomeAgentIpAddress	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.13
nUserMobilityStatus	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.14
nUserHomeVlan	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.15
nUserDefaultVlan	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.16
nUserAssignedVlan	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.17
nUserBWContractName	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.18
nUserBWContractUsage	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.19
nUserBWContractId	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.20
nUserIsProxyArpEnabled	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.21
nUserCurrentVlan	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.22
nUserIsWired	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.23
nUserConnectedSlot	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.24
nUserConnectedPort	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.25
nUserPhyType	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.26

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
nUserMobilityDomainName	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.27
nUserUPBWContractName	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.28
nUserUPBWContractUsage	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.29
nUserUPBWContractId	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.30
nUserDNBWContractName	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.31
nUserDNBWContractUsage	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.32
nUserDNBWContractId	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.33
nUserHTMode	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.34
nUserForwardMode	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.35
nUserEncryptionMethod	.1.3.6.1.4.1.14823.2.2.1.4.1.2.1.36
wlsxUserSessionTimeTable	.1.3.6.1.4.1.14823.2.2.1.4.1.3
wlsxUserSessionTimeEntry	.1.3.6.1.4.1.14823.2.2.1.4.1.3.1
wlsxUserSessionTimeLength	.1.3.6.1.4.1.14823.2.2.1.4.1.3.1.1
wlsxUserSessionTimeCount	.1.3.6.1.4.1.14823.2.2.1.4.1.3.1.2
wlsxNumOfUsers8021x	1.3.6.1.4.1.14823.2.2.1.4.1.4.1
wlsxNumOfUsersVPN	1.3.6.1.4.1.14823.2.2.1.4.1.4.2
wlsxNumOfUsersCP	1.3.6.1.4.1.14823.2.2.1.4.1.4.3
wlsxNumOfUsersMAC	1.3.6.1.4.1.14823.2.2.1.4.1.4.4
wlsxNumOfUsersStateful8021x	1.3.6.1.4.1.14823.2.2.1.4.1.4.5
wlsxWlanMIB	.1.3.6.1.4.1.14823.2.2.1.5
wlsxWlanConfigGroup	.1.3.6.1.4.1.14823.2.2.1.5.1
wlsxWlanStateGroup	.1.3.6.1.4.1.14823.2.2.1.5.2
wlsxWlanAccessPointInfoGroup	.1.3.6.1.4.1.14823.2.2.1.5.2.1
wlsxWlanTotalNumAccessPoints	.1.3.6.1.4.1.14823.2.2.1.5.2.1.1
wlsxWlanTotalNumStationsAssociated	.1.3.6.1.4.1.14823.2.2.1.5.2.1.2
wlsxWlanAPGroupTable	.1.3.6.1.4.1.14823.2.2.1.5.2.1.3
wlsxWlanAPGroupEntry	.1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1
wlanAPGroup	.1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1.1
wlanAPNumAps	.1.3.6.1.4.1.14823.2.2.1.5.2.1.3.1.2
wlsxWlanAPTable	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4
wlsxWlanAPEntry	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1
wlanAPMacAddress	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.1
wlanAPIpAddress	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.2
wlanAPName	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.3

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlanAPGroupName	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.4
wlanAPModel	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.5
wlanAPSerialNumber	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.6
wlanAPdot11aAntennaGain	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.7
wlanAPdot11gAntennaGain	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.8
wlanAPNumRadios	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.9
wlanAPEnet1Mode	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.10
wlanAPIpsecMode	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.11
wlanAPUpTime	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.12
wlanAPModelName	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.13
wlanAPLocation	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.14
wlanAPBuilding	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.15
wlanAPFloor	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.16
wlanAPLoc	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.17
wlanAPEXternalAntenna	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.18
wlanAPStatus	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.19
wlanAPNumBootstraps	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.20
wlanAPNumReboots	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.21
wlanAPUnprovisioned	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.22
wlanAPMonitorMode	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.23
wlanAPFQLNBuilding	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.24
wlanAPFQLNFloor	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.25
wlanAPFQLN	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.26
wlanAPFQLNCampus	.1.3.6.1.4.1.14823.2.2.1.5.2.1.4.1.27
wlsxWlanRadioTable	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5
wlsxWlanRadioEntry	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1
wlanAPRadioNumber	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.1
wlanAPRadioType	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.2
wlanAPRadioChannel	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.3
wlanAPRadioTransmitPower	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.4
wlanAPRadioMode	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.5
wlanAPRadioUtilization	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.6
wlanAPRadioNumAssociatedClients	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.7
wlanAPRadioNumMonitoredClients	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.8

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlanAPRadioNumActiveBSSIDs	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.9
wlanAPRadioNumMonitoredBSSIDs	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.10
wlanAPRadioBearing	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.11
wlanAPRadioTiltAngle	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.12
wlanAPRadioHTMode	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.13
wlanAPRadioHTExtChannel	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.14
wlanAPRadioHTChannel	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.15
wlanAPRadioAPName	.1.3.6.1.4.1.14823.2.2.1.5.2.1.5.1.16
wlsxWlanAPBssidTable	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7
wlsxWlanAPBssidEntry	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1
wlanAPBSSID	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.1
wlanAPESSID	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.2
wlanAPBssidSlot	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.3
wlanAPBssidPort	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.4
wlanAPBssidPhyType	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.5
wlanAPBssidRogueType	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.6
wlanAPBssidMode	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.7
wlanAPBssidChannel	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.8
wlanAPBssidUpTime	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.9
wlanAPBssidInactiveTime	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.10
wlanAPBssidLoadBalancing	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.11
wlanAPBssidNumAssociatedStations	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.12
wlanAPBssidAPMacAddress	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.13
wlanAPBssidPhyNumber	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.14
wlanAPBssidHTMode	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.15
wlanAPBssidHTExtChannel	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.16
wlanAPBssidHTChannel	.1.3.6.1.4.1.14823.2.2.1.5.2.1.7.1.17
wlsxWlanESSIDTable	.1.3.6.1.4.1.14823.2.2.1.5.2.1.8
wlsxWlanESSIDEntry	.1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1
wlanESSID	.1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.1
wlanESSIDNumStations	.1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.2
wlanESSIDNumAccessPointsUp	.1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.3
wlanESSIDNumAccessPointsDown	.1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.4
wlanESSIDEncryptionType	.1.3.6.1.4.1.14823.2.2.1.5.2.1.8.1.5

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxWlanESSIDVlanPoolTable	.1.3.6.1.4.1.14823.2.2.1.5.2.1.9
wlsxWlanESSIDVlanPoolEntry	.1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1
wlanESSIDVlanId	.1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1.1
wlanESSIDVlanPoolStatus	.1.3.6.1.4.1.14823.2.2.1.5.2.1.9.1.2
wlsxWlanStationInfoGroup	.1.3.6.1.4.1.14823.2.2.1.5.2.2
wlsxWlanStationTable	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1
wlsxWlanStationEntry	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1
wlanStaPhyAddress	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.1
wlanStaApBssid	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.2
wlanStaPhyType	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.3
wlanStaIsAuthenticated	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.4
wlanStaIsAssociated	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.5
wlanStaChannel	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.6
wlanStaVlanId	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.7
wlanStaVOIPState	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.8
wlanStaVOIPProtocol	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.9
wlanStaTransmitRate	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.10
wlanStaAssociationID	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.11
wlanStaAccessPointESSID	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.12
wlanStaPhyNumber	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.13
wlanStaRSSI	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.14
wlanStaUpTime	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.15
wlanStaHTMode	.1.3.6.1.4.1.14823.2.2.1.5.2.2.1.1.16
wlsxWlanStaAssociationFailureTable	.1.3.6.1.4.1.14823.2.2.1.5.2.2.2
wlsxWlanStaAssociationFailureEntry	.1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1
wlanStaAssocFailureApName	.1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.1
wlanStaAssocFailureApEssid	.1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.2
wlanStaAssocFailurePhyNum	.1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.3
wlanStaAssocFailurePhyType	.1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.4
wlanStaAssocFailureElapsedTime	.1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.5
wlanStaAssocFailureReason	.1.3.6.1.4.1.14823.2.2.1.5.2.2.2.1.6
wlsxWlanAssociationInfoGroup	.1.3.6.1.4.1.14823.2.2.1.5.2.3
wlsxWlanStatsGroup	.1.3.6.1.4.1.14823.2.2.1.5.3
wlsxWlanAccessPointStatsGroup	.1.3.6.1.4.1.14823.2.2.1.5.3.1

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxWlanAPStatsTable	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1
wlsxWlanAPStatsEntry	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1
wlanAPCurrentChannel	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.1
wlanAPNumClients	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.2
wlanAPTxBkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.3
wlanAPTxBkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.4
wlanAPRxBkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.5
wlanAPRxBkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.6
wlanAPTxDAuthentications	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.7
wlanAPRxDAuthentications	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.8
wlanAPChannelThroughput	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.9
wlanAPFrameRetryRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.10
wlanAPFrameLowSpeedRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.11
wlanAPFrameNonUnicastRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.12
wlanAPFrameFragmentationRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.13
wlanAPFrameBandwidthRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.14
wlanAPFrameRetryErrorRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.15
wlanAPChannelErrorRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.16
wlanAPFrameReceiveErrorRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.17
wlanAPRxDDataPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.18
wlanAPRxDDataBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.19
wlanAPTxDDataPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.20
wlanAPTxDDataBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.21
wlanAPRxDDataPkts64	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.22
wlanAPRxDDataBytes64	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.23
wlanAPTxDDataPkts64	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.24
wlanAPTxDDataBytes64	.1.3.6.1.4.1.14823.2.2.1.5.3.1.1.1.25
wlsxWlanAPRateStatsTable	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2
wlsxWlanAPRateStatsEntry	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1
wlanAPStatsTotPktsAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.1
wlanAPStatsTotBytesAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.2
wlanAPStatsTotPktsAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.3
wlanAPStatsTotBytesAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.4
wlanAPStatsTotPktsAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.5

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlanAPStatsTotBytesAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.6
wlanAPStatsTotPktsAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.7
wlanAPStatsTotBytesAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.8
wlanAPStatsTotPktsAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.9
wlanAPStatsTotBytesAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.10
wlanAPStatsTotPktsAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.11
wlanAPStatsTotBytesAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.12
wlanAPStatsTotPktsAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.13
wlanAPStatsTotBytesAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.14
wlanAPStatsTotPktsAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.15
wlanAPStatsTotBytesAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.16
wlanAPStatsTotPktsAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.17
wlanAPStatsTotBytesAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.18
wlanAPStatsTotPktsAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.19
wlanAPStatsTotBytesAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.20
wlanAPStatsTotPktsAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.21
wlanAPStatsTotBytesAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.22
wlanAPStatsTotPktsAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.23
wlanAPStatsTotBytesAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.24
wlanAPStatsTotPktsAtHT6dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.25
wlanAPStatsTotBytesAtHT6dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.26
wlanAPStatsTotPktsAtHT13Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.27
wlanAPStatsTotBytesAtHT13Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.28
wlanAPStatsTotPktsAtHT13dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.29
wlanAPStatsTotBytesAtHT13dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.30
wlanAPStatsTotPktsAtHT15Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.31
wlanAPStatsTotBytesAtHT15Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.32
wlanAPStatsTotPktsAtHT19dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.33
wlanAPStatsTotBytesAtHT19dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.34
wlanAPStatsTotPktsAtHT26Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.35
wlanAPStatsTotBytesAtHT26Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.36
wlanAPStatsTotPktsAtHT27Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.37
wlanAPStatsTotBytesAtHT27Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.38
wlanAPStatsTotPktsAtHT30Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.39



**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlanAPStatsTotBytesAtHT30Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.40
wlanAPStatsTotPktsAtHT39Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.41
wlanAPStatsTotBytesAtHT39Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.42
wlanAPStatsTotPktsAtHT40dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.43
wlanAPStatsTotBytesAtHT40dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.44
wlanAPStatsTotPktsAtHT45Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.45
wlanAPStatsTotBytesAtHT45Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.46
wlanAPStatsTotPktsAtHT52Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.47
wlanAPStatsTotBytesAtHT52Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.48
wlanAPStatsTotPktsAtHT54Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.49
wlanAPStatsTotBytesAtHT54Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.50
wlanAPStatsTotPktsAtHT58dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.51
wlanAPStatsTotBytesAtHT58dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.52
wlanAPStatsTotPktsAtHT60Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.53
wlanAPStatsTotBytesAtHT60Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.54
wlanAPStatsTotPktsAtHT65Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.55
wlanAPStatsTotBytesAtHT65Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.56
wlanAPStatsTotPktsAtHT78Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.57
wlanAPStatsTotBytesAtHT78Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.58
wlanAPStatsTotPktsAtHT81Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.59
wlanAPStatsTotBytesAtHT81Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.60
wlanAPStatsTotPktsAtHT90Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.61
wlanAPStatsTotBytesAtHT90Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.62
wlanAPStatsTotPktsAtHT104Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.63
wlanAPStatsTotBytesAtHT104Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.64
wlanAPStatsTotPktsAtHT108Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.65
wlanAPStatsTotBytesAtHT108Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.66
wlanAPStatsTotPktsAtHT117Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.67
wlanAPStatsTotBytesAtHT117Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.68
wlanAPStatsTotPktsAtHT120Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.69
wlanAPStatsTotBytesAtHT120Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.70
wlanAPStatsTotPktsAtHT121dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.71
wlanAPStatsTotBytesAtHT121dot5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.72
wlanAPStatsTotPktsAtHT130Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.73

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlanAPStatsTotBytesAtHT130Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.74
wlanAPStatsTotPktsAtHT135Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.75
wlanAPStatsTotBytesAtHT135Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.76
wlanAPStatsTotPktsAtHT150Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.77
wlanAPStatsTotBytesAtHT150Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.78
wlanAPStatsTotPktsAtHT162Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.79
wlanAPStatsTotBytesAtHT162Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.80
wlanAPStatsTotPktsAtHT180Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.81
wlanAPStatsTotBytesAtHT180Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.82
wlanAPStatsTotPktsAtHT216Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.83
lwlanAPStatsTotBytesAtHT216Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.84
wlanAPStatsTotPktsAtHT240Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.85
wlanAPStatsTotBytesAtHT240Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.86
wlanAPStatsTotPktsAtHT243Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.87
wlanAPStatsTotBytesAtHT243Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.88
wlanAPStatsTotPktsAtHT270Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.89
wlanAPStatsTotBytesAtHT270Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.90
wlanAPStatsTotPktsAtHT300Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.91
wlanAPStatsTotBytesAtHT300Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.1.2.1.92
wlsxWlanAPDTypeStatsTable	.1.3.6.1.4.1.14823.2.2.1.5.3.1.3
wlsxWlanAPDTypeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1
wlanAPStatsTotDABroadcastPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.1
wlanAPStatsTotDABroadcastBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.2
wlanAPStatsTotDAMulticastPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.3
wlanAPStatsTotDAMulticastBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.4
wlanAPStatsTotDAUnicastPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.5
wlanAPStatsTotDAUnicastBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.1.3.1.6
wlsxWlanAPFrameTypeStatsTable	.1.3.6.1.4.1.14823.2.2.1.5.3.1.4
wlsxWlanAPFrameTypeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1
wlanAPStatsTotMgmtPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.1
wlanAPStatsTotMgmtBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.2
wlanAPStatsTotCtrlPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.3
wlanAPStatsTotCtrlBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.4
wlanAPStatsTotDataPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.5

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlanAPStatsTotDataBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.1.4.1.6
wlsxWlanAPPktSizeStatsTable	.1.3.6.1.4.1.14823.2.2.1.5.3.1.5
wlsxWlanAPPktSizeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1
wlanAPStatsPkts63Bytes	.1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.1
wlanAPStatsPkts64To127	.1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.2
wlanAPStatsPkts128To255	.1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.3
wlanAPStatsPkts256To511	.1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.4
wlanAPStatsPkts512To1023	.1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.5
wlanAPStatsPkts1024To1518	.1.3.6.1.4.1.14823.2.2.1.5.3.1.5.1.6
wlsxWlanAPChStatsTable	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6
wlsxWlanAPChStatsEntry	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1
wlanAPChannelNumber	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.1
wlanAPChNumStations	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.2
wlanAPChTotPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.3
wlanAPChTotBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.4
wlanAPChTotRetryPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.5
wlanAPChTotFragmentedPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.6
wlanAPChTotPhyErrPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.7
wlanAPChTotMacErrPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.8
wlanAPChNoise	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.9
wlanAPChCoverageIndex	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.10
wlanAPChInterferenceIndex	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.11
wlanAPChFrameRetryRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.12
wlanAPChFrameLowSpeedRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.13
wlanAPChFrameNonUnicastRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.14
wlanAPChFrameFragmentationRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.15
wlanAPChFrameBandwidthRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.16
wlanAPChFrameRetryErrorRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.17
wlanAPChBusyRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.18
wlanAPChNumAPs	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.19
wlanAPChFrameReceiveErrorRate	.1.3.6.1.4.1.14823.2.2.1.5.3.1.6.1.20
wlsxWlanStationStatsGroup	.1.3.6.1.4.1.14823.2.2.1.5.3.2
wlsxWlanStationStatsTable	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1
wlsxWlanStationStatsEntry	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlanStaChannelNum	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.1
wlanStaTxPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.2
wlanStaTxBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.3
wlanStaRxPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.4
wlanStaRxBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.5
wlanStaTxBCastPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.6
wlanStaRxBCastBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.7
wlanStaTxMCastPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.8
wlanStaRxMCastBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.9
wlanStaDataPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.10
wlanStaCtrlPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.11
wlanStaNumAssocRequests	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.12
wlanStaNumAuthRequests	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.13
wlanStaTxDeauthentications	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.14
wlanStaRxDeauthentications	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.15
wlanStaFrameRetryRate	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.16
wlanStaFrameLowSpeedRate	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.17
wlanStaFrameNonUnicastRate	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.18
wlanStaFrameFragmentationRate	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.19
wlanStaFrameBandwidthRate	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.20
wlanStaFrameRetryErrorRate	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.21
wlanStaFrameReceiveErrorRate	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.22
wlanStaTxBCastBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.23
wlanStaTxMCastBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.1.1.24
wlsxWlanStaRateStatsTable	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2
wlsxWlanStaRateStatsEntry	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1
wlanStaTxPktsAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.1
wlanStaTxBytesAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.2
wlanStaTxPktsAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.3
wlanStaTxBytesAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.4
wlanStaTxPktsAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.5
wlanStaTxBytesAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.6
wlanStaTxPktsAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.7
wlanStaTxBytesAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.8

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlanStaTxPktsAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.9
wlanStaTxBytesAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.10
wlanStaTxPktsAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.11
wlanStaTxBytesAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.12
wlanStaTxPktsAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.13
wlanStaTxBytesAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.14
wlanStaTxPktsAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.15
wlanStaTxBytesAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.16
wlanStaTxPktsAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.17
wlanStaTxBytesAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.18
wlanStaTxPktsAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.19
wlanStaTxBytesAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.20
wlanStaTxPktsAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.21
wlanStaTxBytesAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.22
wlanStaRxPktsAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.23
wlanStaRxBytesAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.24
wlanStaRxPktsAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.25
wlanStaRxBytesAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.26
wlanStaRxPktsAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.27
wlanStaRxBytesAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.28
wlanStaRxPktsAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.29
wlanStaRxBytesAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.30
wlanStaRxPktsAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.31
wlanStaRxBytesAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.32
wlanStaRxPktsAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.33
wlanStaRxBytesAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.34
wlanStaRxPktsAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.35
wlanStaRxBytesAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.36
wlanStaRxPktsAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.37
wlanStaRxBytesAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.38
wlanStaRxPktsAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.39
wlanStaRxBytesAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.40
wlanStaRxPktsAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.41
wlanStaRxBytesAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.42

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlanStaRxPktsAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.43
wlanStaRxBytesAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.44
wlanStaTxPktsAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.45
wlanStaTxBytesAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.46
wlanStaRxPktsAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.47
wlanStaRxBytesAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.5.3.2.2.1.48
wlswlanStaDATypeStatsTable	.1.3.6.1.4.1.14823.2.2.1.5.3.2.3
wlswlanStaDATypeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1
wlanStaTxDABroadcastPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.1
wlanStaTxDABroadcastBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.2
wlanStaTxDAMulticastPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.3
wlanStaTxDAMulticastBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.4
wlanStaTxDAUnicastPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.5
wlanStaTxDAUnicastBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.3.1.6
wlswlanStaFrameTypeStatsTable	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4
wlswlanStaFrameTypeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1
wlanStaTxMgmtPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.1
wlanStaTxMgmtBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.2
wlanStaTxCtrlPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.3
wlanStaTxCtrlBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.4
wlanStaTxDataPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.5
wlanStaTxDataBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.6
wlanStaRxMgmtPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.7
wlanStaRxMgmtBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.8
wlanStaRxCtrlPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.9
wlanStaRxCtrlBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.10
wlanStaRxDataPkts	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.11
wlanStaRxDataBytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.4.1.12
wlswlanStaPktSizeStatsTable	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5
wlswlanStaPktSizeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1
wlanStaTxPkts63Bytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.1
wlanStaTxPkts64To127	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.2
wlanStaTxPkts128To255	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.3
wlanStaTxPkts256To511	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.4

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlanStaTxPkts512To1023	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.5
wlanStaTxPkts1024To1518	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.6
wlanStaRxPkts63Bytes	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.7
wlanStaRxPkts64To127	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.8
wlanStaRxPkts128To255	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.9
wlanStaRxPkts256To511	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.10
wlanStaRxPkts512To1023	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.11
wlanStaRxPkts1024To1518	.1.3.6.1.4.1.14823.2.2.1.5.3.2.5.1.12
wlsxMonMIB	.1.3.6.1.4.1.14823.2.2.1.6
wlsxMonStatsGroup	.1.3.6.1.4.1.14823.2.2.1.6.6
wlsxMonAccessPointStatsGroup	.1.3.6.1.4.1.14823.2.2.1.6.6.1
wlsxMonAPStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1
wlsxMonAPStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1
monPhyAddress	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.1
monRadioNumber	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.2
monitoredApBSSID	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.3
monPhyType	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.4
monAPCurrentChannel	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.5
monAPNumClients	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.6
monAPTxBPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.7
monAPTxBBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.8
monAPRxBPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.9
monAPRxBBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.10
monAPTxDAuthentications	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.11
monAPRxDAuthentications	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.12
monAPChannelThroughpu	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.13
monAPFrameRetryRate	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.14
monAPFrameLowSpeedRate	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.15
monAPFrameNonUnicastRate	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.16
monAPFrameFragmentationRate	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.17
monAPFrameBandwidthRate	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.18
monAPFrameRetryErrorRate	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.19
monAPChannelErrorRate	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.20
monAPESSID	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.21

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
monAPRSSI	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.22
monAPFrameReceiveErrorRate	.1.3.6.1.4.1.14823.2.2.1.6.6.1.1.1.23
wlsxMonAPRateStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2
wlsxMonAPRateStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1
monAPStatsTotPktsAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.1
monAPStatsTotBytesAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.2
monAPStatsTotPktsAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.3
monAPStatsTotBytesAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.4
monAPStatsTotPktsAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.5
monAPStatsTotBytesAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.6
monAPStatsTotPktsAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.7
monAPStatsTotBytesAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.8
monAPStatsTotPktsAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.9
monAPStatsTotBytesAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.10
monAPStatsTotPktsAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.11
monAPStatsTotBytesAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.12
monAPStatsTotPktsAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.13
monAPStatsTotBytesAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.14
monAPStatsTotPktsAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.15
monAPStatsTotBytesAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.16
monAPStatsTotPktsAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.17
monAPStatsTotBytesAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.18
monAPStatsTotPktsAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.19
monAPStatsTotBytesAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.20
monAPStatsTotPktsAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.21
monAPStatsTotBytesAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.22
monAPStatsTotPktsAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.23
monAPStatsTotBytesAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.1.2.1.24
wlsxMonAPDTypeStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.1.3
wlsxMonAPDTypeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1
monAPStatsTotDABroadcastPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.1
monAPStatsTotDABroadcastBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.2
monAPStatsTotDAMulticastPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.3
monAPStatsTotDAMulticastBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.4



**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
monAPStatsTotDAUnicastPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.5
monAPStatsTotDAUnicastBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.1.3.1.6
wlsxMonAPFrameTypeStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.1.4
wlsxMonAPFrameTypeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1
monAPStatsTotMgmtPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.1
monAPStatsTotMgmtBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.2
monAPStatsTotCtrlPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.3
monAPStatsTotCtrlBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.4
monAPStatsTotDataPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.5
monAPStatsTotDataBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.1.4.1.6
wlsxMonAPPktSizeStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.1.5
wlsxMonAPPktSizeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1
monAPStatsPkts63Bytes	.1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.1
monAPStatsPkts64To127	.1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.2
monAPStatsPkts128To255	.1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.3
monAPStatsPkts256To511	.1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.4
monAPStatsPkts512To1023	.1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.5
monAPStatsPkts1024To1518	.1.3.6.1.4.1.14823.2.2.1.6.6.1.5.1.6
wlsxMonAPHTRateStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.1.6
wlsxMonAPHTRateStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1
monHTRate	.1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1.1
monAPStatsTotHTPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1.2
monAPStatsTotHTBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.1.6.1.3
wlsxMonStationStatsGroup	.1.3.6.1.4.1.14823.2.2.1.6.6.2
wlsxMonStationStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1
wlsxMonStationStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1
monitoredStaPhyAddress	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.1
monStaChannelNum	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.2
monStaTxPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.3
monStaTxBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.4
monStaRxPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.5
monStaRxBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.6
monStaTxBCastPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.7
monStaTxBCastBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.8

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
monStaTxMCastPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.9
monStaTxMCastBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.10
monStaDataPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.11
monStaCtrlPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.12
monStaNumAssocRequests	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.13
monStaNumAuthRequests	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.14
monStaTxDeauthentications	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.15
monStaRxDeauthentications	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.16
monStaFrameRetryRate	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.17
monStaFrameLowSpeedRate	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.18
monStaFrameNonUnicastRate	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.19
monStaFrameFragmentationRate	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.20
monStaFrameBandwidthRate	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.21
monStaFrameRetryErrorRate	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.22
monStaBSSID	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.23
monStaESSID	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.24
monStaPhyType	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.25
monStaRSSI	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.26
monStaFrameReceiveErrorRate	.1.3.6.1.4.1.14823.2.2.1.6.6.2.1.1.27
wlsxMonStaRateStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2
wlsxMonStaRateStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1
monStaTxPktsAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.1
monStaTxBytesAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.2
monStaTxPktsAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.3
monStaTxBytesAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.4
monStaTxPktsAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.5
monStaTxBytesAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.6
monStaTxPktsAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.7
monStaTxBytesAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.8
monStaTxPktsAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.9
monStaTxBytesAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.10
monStaTxPktsAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.11
monStaTxBytesAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.12
monStaTxPktsAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.13

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
monStaTxBytesAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.14
monStaTxPktsAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.15
monStaTxBytesAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.16
monStaTxPktsAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.17
monStaTxBytesAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.18
monStaTxPktsAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.19
monStaTxBytesAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.20
monStaTxPktsAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.21
monStaTxBytesAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.22
monStaRxPktsAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.23
monStaRxBytesAt1Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.24
monStaRxPktsAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.25
monStaRxBytesAt2Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.26
monStaRxPktsAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.27
monStaRxBytesAt5Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.28
monStaRxPktsAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.29
monStaRxBytesAt11Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.30
monStaRxPktsAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.31
monStaRxBytesAt6Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.32
monStaRxPktsAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.33
monStaRxBytesAt12Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.34
monStaRxPktsAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.35
monStaRxBytesAt18Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.36
monStaRxPktsAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.37
monStaRxBytesAt24Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.38
monStaRxPktsAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.39
monStaRxBytesAt36Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.40
monStaRxPktsAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.41
monStaRxBytesAt48Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.42
monStaRxPktsAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.43
monStaRxBytesAt54Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.44
monStaTxPktsAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.45
monStaTxBytesAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.46
monStaRxPktsAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.47

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
monStaRxBytesAt9Mbps	.1.3.6.1.4.1.14823.2.2.1.6.6.2.2.1.48
wlsxMonStaDATypeStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.2.3
wlsxMonStaDATypeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1
monStaTxDABroadcastPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.1
monStaTxDABroadcastBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.2
monStaTxDAMulticastPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.3
monStaTxDAMulticastBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.4
monStaTxDAUnicastPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.5
monStaTxDAUnicastBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.3.1.6
wlsxMonStaFrameTypeStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4
wlsxMonStaFrameTypeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1
monStaTxMgmtPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.1
monStaTxMgmtBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.2
monStaTxCtrlPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.3
monStaTxCtrlBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.4
monStaTxDataPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.5
monStaTxDataBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.6
monStaRxMgmtPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.7
monStaRxMgmtBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.8
monStaRxCtrlPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.9
monStaRxCtrlBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.10
monStaRxDataPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.11
monStaRxDataBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.4.1.12
wlsxMonStaPktSizeStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5
wlsxMonStaPktSizeStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1
monStaTxPkts63Bytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.1
monStaTxPkts64To127	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.2
monStaTxPkts128To255	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.3
monStaTxPkts256To511	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.4
monStaTxPkts512To1023	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.5
monStaTxPkts1024To1518	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.6
monStaRxPkts63Bytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.7
monStaRxPkts64To127	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.8
monStaRxPkts128To255	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.9

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
monStaRxPkts256To511	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.10
monStaRxPkts512To1023	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.11
monStaRxPkts1024To1518	.1.3.6.1.4.1.14823.2.2.1.6.6.2.5.1.12
wlsxMonEventCountTable	.1.3.6.1.4.1.14823.2.2.1.6.6.2.6
wlsxMonEventCountEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1
monEventID	.1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1.1
monEventCount	.1.3.6.1.4.1.14823.2.2.1.6.6.2.6.1.2
wlsxMonStationHTRateStatsTable	.1.3.6.1.4.1.14823.2.2.1.6.6.2.7
wlsxMonStationHTRateStatsEntry	.1.3.6.1.4.1.14823.2.2.1.6.6.2.7.1
monStaTxHTPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.7.1.1
monStaTxHTBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.7.1.2
monStaRxHTPkts	.1.3.6.1.4.1.14823.2.2.1.6.6.2.7.1.3
monStaRxHTBytes	.1.3.6.1.4.1.14823.2.2.1.6.6.2.7.1.4
wlsxMonInfoGroup	.1.3.6.1.4.1.14823.2.2.1.6.7
wlsxMonAccessPointInfoGroup	.1.3.6.1.4.1.14823.2.2.1.6.7.1
wlsxMonAPInfoTable	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1
wlsxMonAPInfoEntry	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1
monAPInfoPhyType	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.1
monAPInfoCurrentChannel	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.2
monAPInfoClassification	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.3
monAPInfoESSID	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.4
monAPInfoRSSI	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.5
monAPInfoMonitorTime	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.6
monAPInfoInactivityTime	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.7
monAPInfoSnrSignalPkts	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.8
monAPInfoSnrSampleTime	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.9
monAPInfoStatus	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.10
monAPInfoConfidence	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.11
monAPInfoMatchType	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.12
monAPInfoMatchMethod	.1.3.6.1.4.1.14823.2.2.1.6.7.1.1.1.13
wlsxMonStationInfoGroup	.1.3.6.1.4.1.14823.2.2.1.6.7.2
wlsxMonStationInfoTable	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1
wlsxMonStationInfoEntry	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1
monStaInfoChannelNum	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.1

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
monStaInfoBSSID	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.2
monStaInfoESSID	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.3
monStaInfoPhyType	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.4
monStaInfoRSSI	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.5
monStaInfoClassification	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.6
monStaInfoMonitorTime	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.7
monStaInfoInactivityTime	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.8
monStaInfoSnrSignalPkts	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.9
monStaInfoSnrSampleTime	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.10
monStaInfoStatus	.1.3.6.1.4.1.14823.2.2.1.6.7.2.1.1.11
wlsxSNRMIB	.1.3.6.1.4.1.14823.2.2.1.7
wlsxSNRGroup	.1.3.6.1.4.1.14823.2.2.1.7.1
wlsxAPSnrTable	.1.3.6.1.4.1.14823.2.2.1.7.1.1
wlsxAPSnrEntry	.1.3.6.1.4.1.14823.2.2.1.7.1.1.1
apSnrAverageSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.1.1.1
apSnrSignalPkts	.1.3.6.1.4.1.14823.2.2.1.7.1.1.1.2
apSnrHighestRxSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.1.1.3
apSnrLowestRxSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.1.1.4
apSnrSampleTime	.1.3.6.1.4.1.14823.2.2.1.7.1.1.1.5
wlsxStaSnrTable	.1.3.6.1.4.1.14823.2.2.1.7.1.2
wlsxStaSnrEntry	.1.3.6.1.4.1.14823.2.2.1.7.1.2.1
staSnrAverageSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.2.1.1
staSnrSignalPkts	.1.3.6.1.4.1.14823.2.2.1.7.1.2.1.2
staSnrHighestRxSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.2.1.3
staSnrLowestRxSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.2.1.4
staSnrSampleTime	.1.3.6.1.4.1.14823.2.2.1.7.1.2.1.5
wlsxAPSnrBSSIDTable	.1.3.6.1.4.1.14823.2.2.1.7.1.3
wlsxAPSnrBSSIDEntry	.1.3.6.1.4.1.14823.2.2.1.7.1.3.1
apSnrBSSIDAverageSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.3.1.1
apSnrBSSIDSignalPkts	.1.3.6.1.4.1.14823.2.2.1.7.1.3.1.2
apSnrBSSIDHighestRxSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.3.1.3
apSnrBSSIDLowestRxSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.3.1.4
apSnrBSSIDSampleTime	.1.3.6.1.4.1.14823.2.2.1.7.1.3.1.5
wlsxStaSnrPhyTable	.1.3.6.1.4.1.14823.2.2.1.7.1.4

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxStaSnrPhyEntry	.1.3.6.1.4.1.14823.2.2.1.7.1.4.1
staSnrPhyAverageSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.4.1.1
staSnrPhySignalPkts	.1.3.6.1.4.1.14823.2.2.1.7.1.4.1.2
staSnrPhyHighestRxSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.4.1.3
staSnrPhyLowestRxSignalStrength	.1.3.6.1.4.1.14823.2.2.1.7.1.4.1.4
staSnrPhySampleTime	.1.3.6.1.4.1.14823.2.2.1.7.1.4.1.5
wlsxAuthMIB	.1.3.6.1.4.1.14823.2.2.1.8
wlsxAuthenticationServerGroup	.1.3.6.1.4.1.14823.2.2.1.8.1
wlsxAuthenticationServerTable	.1.3.6.1.4.1.14823.2.2.1.8.1.1
wlsxAuthenticationServerEntry	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1
authServerName	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.1
authServerType	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.2
authServerAddress	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.3
authServerPort	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.4
authServerRetryCount	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.5
authServerTimeOutValue	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.6
authServerState	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.7
authServerInservice	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.8
authServerUsageCount	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.9
authServerSuccessfulAuths	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.10
authServerFailedAuths	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.11
authServerTimeouts	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.12
authServerAvgResponseTime	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.13
authServerOutStandingRequests	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.14
authServerUptime	.1.3.6.1.4.1.14823.2.2.1.8.1.1.1.15
wlsxPortalServerTable	.1.3.6.1.4.1.14823.2.2.1.8.1.2
wlsxPortalServerEntry	.1.3.6.1.4.1.14823.2.2.1.8.1.2.1
portalServerIndex	.1.3.6.1.4.1.14823.2.2.1.8.1.2.1.1
portalServerHost	.1.3.6.1.4.1.14823.2.2.1.8.1.2.1.2
portalServerPort	.1.3.6.1.4.1.14823.2.2.1.8.1.2.1.3
portalServerPage	.1.3.6.1.4.1.14823.2.2.1.8.1.2.1.4
portalServerProtocol	.1.3.6.1.4.1.14823.2.2.1.8.1.2.1.5
wlsxLdapServerStateTable	.1.3.6.1.4.1.14823.2.2.1.8.1.5
wlsxLdapServerStateEntry	.1.3.6.1.4.1.14823.2.2.1.8.1.5.1

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
IdapInitDone	.1.3.6.1.4.1.14823.2.2.1.8.1.5.1.1
IdapAdminBound	.1.3.6.1.4.1.14823.2.2.1.8.1.5.1.2
IdapReBindCount	.1.3.6.1.4.1.14823.2.2.1.8.1.5.1.3
wlsxAuthenticationInfoGroup	.1.3.6.1.4.1.14823.2.2.1.8.2
wlsxAuthenticationGroup	.1.3.6.1.4.1.14823.2.2.1.8.3
wlsxMobilityMIB	.1.3.6.1.4.1.14823.2.2.1.9
wlsxMobilityConfigGroup	.1.3.6.1.4.1.14823.2.2.1.9.1
wlsxMobilityDomainTable	.1.3.6.1.4.1.14823.2.2.1.9.1.1
wlsxMobilityDomainEntry	.1.3.6.1.4.1.14823.2.2.1.9.1.1.1
mobilityDomainName	.1.3.6.1.4.1.14823.2.2.1.9.1.1.1.1
mobilityDomainIsExclusive	.1.3.6.1.4.1.14823.2.2.1.9.1.1.1.2
mobilityDomainStatus	.1.3.6.1.4.1.14823.2.2.1.9.1.1.1.3
wlsxMobilityHomeAgentTable	.1.3.6.1.4.1.14823.2.2.1.9.1.3
wlsxMobilityHomeAgentEntry	.1.3.6.1.4.1.14823.2.2.1.9.1.3.1
mobilityHomeAgentSubnet	.1.3.6.1.4.1.14823.2.2.1.9.1.3.1.1
mobilityHomeAgentMask	.1.3.6.1.4.1.14823.2.2.1.9.1.3.1.2
mobilityHomeAgentIpl	.1.3.6.1.4.1.14823.2.2.1.9.1.3.1.3
mobilityHomeAgentVlan	.1.3.6.1.4.1.14823.2.2.1.9.1.3.1.4
wlsxMobilityHostTable	.1.3.6.1.4.1.14823.2.2.1.9.1.4
wlsxMobilityHostEntry	.1.3.6.1.4.1.14823.2.2.1.9.1.4.1
mobilityHostMac	.1.3.6.1.4.1.14823.2.2.1.9.1.4.1.1
mobilityHostIpl	.1.3.6.1.4.1.14823.2.2.1.9.1.4.1.2
mobilityHostStatus	.1.3.6.1.4.1.14823.2.2.1.9.1.4.1.3
mobilityHostServiceTime	.1.3.6.1.4.1.14823.2.2.1.9.1.4.1.4
mobilityHostHomeVlan	.1.3.6.1.4.1.14823.2.2.1.9.1.4.1.5
mobilityHostHomeNetwork	.1.3.6.1.4.1.14823.2.2.1.9.1.4.1.6
mobilityHostHomeMask	.1.3.6.1.4.1.14823.2.2.1.9.1.4.1.7
mobilityHostDhcpInfo	.1.3.6.1.4.1.14823.2.2.1.9.1.4.1.8
wlsxMobilityProxyStatsGroup	.1.3.6.1.4.1.14823.2.2.1.9.2
mobilityProxyPktRx	.1.3.6.1.4.1.14823.2.2.1.9.2.1
mobilityProxyPktHandled	.1.3.6.1.4.1.14823.2.2.1.9.2.2
mobilityProxyPktFwd	.1.3.6.1.4.1.14823.2.2.1.9.2.3
mobilityProxyPktDrop	.1.3.6.1.4.1.14823.2.2.1.9.2.4
mobilityProxyBusy	.1.3.6.1.4.1.14823.2.2.1.9.2.5



**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
mobilityProxyNoMobility	.1.3.6.1.4.1.14823.2.2.1.9.2.6
mobilityProxyClientIPChg	.1.3.6.1.4.1.14823.2.2.1.9.2.7
mobilityProxyClientEssidChg	.1.3.6.1.4.1.14823.2.2.1.9.2.8
wlsxMobilityProxyDHCPStatsGroup	.1.3.6.1.4.1.14823.2.2.1.9.3
mobilityProxyDhcpBootpRx	.1.3.6.1.4.1.14823.2.2.1.9.3.1
mobilityProxyDhcpPktProc	.1.3.6.1.4.1.14823.2.2.1.9.3.2
mobilityProxyDhcpPktFwd	.1.3.6.1.4.1.14823.2.2.1.9.3.3
mobilityProxyDhcpPktDrop	.1.3.6.1.4.1.14823.2.2.1.9.3.4
mobilityProxyDHCPNak	.1.3.6.1.4.1.14823.2.2.1.9.3.5
mobilityProxyBadDHCPPkt	.1.3.6.1.4.1.14823.2.2.1.9.3.6
mobilityProxyNotDHCP	.1.3.6.1.4.1.14823.2.2.1.9.3.7
mobilityProxyDHCPNoHomeVlan	.1.3.6.1.4.1.14823.2.2.1.9.3.8
mobilityProxyDHCPUnexpFrame	.1.3.6.1.4.1.14823.2.2.1.9.3.9
mobilityProxyDHCPUnexpRemote	.1.3.6.1.4.1.14823.2.2.1.9.3.10
wlsxMobilityHAStatsGroup	.1.3.6.1.4.1.14823.2.2.1.9.4
mobilityHARxRRQ	.1.3.6.1.4.1.14823.2.2.1.9.4.1
mobilityHASentRRP	.1.3.6.1.4.1.14823.2.2.1.9.4.2
mobilityHARRQAccept	.1.3.6.1.4.1.14823.2.2.1.9.4.3
mobilityHARRQDenied	.1.3.6.1.4.1.14823.2.2.1.9.4.4
mobilityHARRQIgnore	.1.3.6.1.4.1.14823.2.2.1.9.4.5
mobilityHARRQAdminDeny	.1.3.6.1.4.1.14823.2.2.1.9.4.6
mobilityHARRQNoResource	.1.3.6.1.4.1.14823.2.2.1.9.4.7
mobilityHAMNauthFail	.1.3.6.1.4.1.14823.2.2.1.9.4.8
mobilityHAFAuthFail	.1.3.6.1.4.1.14823.2.2.1.9.4.9
mobilityHABadID	.1.3.6.1.4.1.14823.2.2.1.9.4.10
mobilityHAMalform	.1.3.6.1.4.1.14823.2.2.1.9.4.11
mobilityHATooManyBnd	.1.3.6.1.4.1.14823.2.2.1.9.4.12
mobilityHABndExpire	.1.3.6.1.4.1.14823.2.2.1.9.4.13
wlsxMobilityFAStatsGroup	.1.3.6.1.4.1.14823.2.2.1.9.5
mobilityFASentRRQ	.1.3.6.1.4.1.14823.2.2.1.9.5.1
mobilityFARcvRRP	.1.3.6.1.4.1.14823.2.2.1.9.5.2
mobilityFARRQAccept	.1.3.6.1.4.1.14823.2.2.1.9.5.3
mobilityFARRQReject	.1.3.6.1.4.1.14823.2.2.1.9.5.4
mobilityMNHAuthFAIL	.1.3.6.1.4.1.14823.2.2.1.9.5.5

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
mobilityFAHAauthFAIL	.1.3.6.1.4.1.14823.2.2.1.9.5.6
mobilityFABadID	.1.3.6.1.4.1.14823.2.2.1.9.5.7
mobilityFAMalform	.1.3.6.1.4.1.14823.2.2.1.9.5.8
wlsxMobilityHAFARevocationStatsGroup	.1.3.6.1.4.1.14823.2.2.1.9.6
mobilitySentRRVRQ	.1.3.6.1.4.1.14823.2.2.1.9.6.1
mobilityRcvRRVAck	.1.3.6.1.4.1.14823.2.2.1.9.6.2
mobilityRcvRRV	.1.3.6.1.4.1.14823.2.2.1.9.6.3
mobilitySentRRVAck	.1.3.6.1.4.1.14823.2.2.1.9.6.4
mobilityRRVRQIgnore	.1.3.6.1.4.1.14823.2.2.1.9.6.5
mobilityRRVAckIgnore	.1.3.6.1.4.1.14823.2.2.1.9.6.6
wlsxESIMIB	.1.3.6.1.4.1.14823.2.2.1.10
wlsxESIConfigGroup	.1.3.6.1.4.1.14823.2.2.1.10.1
wlsxESIServerTable	.1.3.6.1.4.1.14823.2.2.1.10.1.1
wlsxESIServerEntry	.1.3.6.1.4.1.14823.2.2.1.10.1.1.1
esiServerName	.1.3.6.1.4.1.14823.2.2.1.10.1.1.1.1
esiServerGroup	.1.3.6.1.4.1.14823.2.2.1.10.1.1.1.2
esiServerMode	.1.3.6.1.4.1.14823.2.2.1.10.1.1.1.3
esiServerTrustedIP	.1.3.6.1.4.1.14823.2.2.1.10.1.1.1.4
esiServerUntrustedIP	.1.3.6.1.4.1.14823.2.2.1.10.1.1.1.5
esiServerTrustedSlot	.1.3.6.1.4.1.14823.2.2.1.10.1.1.1.6
esiServerTrustedPort	.1.3.6.1.4.1.14823.2.2.1.10.1.1.1.7
esiServerUntrustedSlo	.1.3.6.1.4.1.14823.2.2.1.10.1.1.1.8
esiServerUntrustedPor	.1.3.6.1.4.1.14823.2.2.1.10.1.1.1.9
esiServerStatus	.1.3.6.1.4.1.14823.2.2.1.10.1.1.1.10
wlsxCtsMIB	.1.3.6.1.4.1.14823.2.2.1.11
wlsxCtsOpGroup	.1.3.6.1.4.1.14823.2.2.1.11.1
wlsxCtsRequestTable	.1.3.6.1.4.1.14823.2.2.1.11.1.1
wlsxCtsRequestEntry	.1.3.6.1.4.1.14823.2.2.1.11.1.1.1
wlsxCtsIndex	.1.3.6.1.4.1.14823.2.2.1.11.1.1.1.1
wlsxCtsOpcode	.1.3.6.1.4.1.14823.2.2.1.11.1.1.1.2
wlsxCtsCookie	.1.3.6.1.4.1.14823.2.2.1.11.1.1.1.3
wlsxCtsURL	.1.3.6.1.4.1.14823.2.2.1.11.1.1.1.4
wlsxCtsFlags	.1.3.6.1.4.1.14823.2.2.1.11.1.1.1.5
wlsxCtsStatus	.1.3.6.1.4.1.14823.2.2.1.11.1.1.1.6

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxVoiceMIB	.1.3.6.1.4.1.14823.2.2.1.12
wlsxVoiceStatsGroup	.1.3.6.1.4.1.14823.2.2.1.12.1
wlsxVoiceCdrInfoGroup	.1.3.6.1.4.1.14823.2.2.1.12.1.1
wlsxVoiceCdrTotal	.1.3.6.1.4.1.14823.2.2.1.12.1.1.1
wlsxVoiceCdrTable	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2
wlsxVoiceCdrEntry	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1
voiceCdrId	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.1
voiceCdrIp	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.2
voiceCdrMac	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.3
voiceCdrName	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.4
voiceCdrDialNum	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.5
voiceCdrDir	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.6
voiceCdrOrigTime	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.7
voiceCdrSetupTime	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.8
voiceCdrTeardownTime	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.9
voiceCdrStatus	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.10
voiceCdrReason	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.11
voiceCdrDuration	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.12
voiceCdrRValue	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.13
voiceCdrApSwitchDelay	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.14
voiceCdrCodec	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.15
voiceCdrApName	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.16
voiceCdrApMac	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.17
voiceCdrBssid	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.18
voiceCdrEssid	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.19
voiceCdrHandovers	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.20
voiceCdrMOS	.1.3.6.1.4.1.14823.2.2.1.12.1.1.2.1.21
wlsxVoiceCallCtrsGroup	.1.3.6.1.4.1.14823.2.2.1.12.1.2
voiceCallCtrsTotal	.1.3.6.1.4.1.14823.2.2.1.12.1.2.1
voiceCallCtrsSuccess	.1.3.6.1.4.1.14823.2.2.1.12.1.2.2
voiceCallCtrsFailed	.1.3.6.1.4.1.14823.2.2.1.12.1.2.3
voiceCallCtrsRejected	.1.3.6.1.4.1.14823.2.2.1.12.1.2.4
voiceCallCtrsAborted	.1.3.6.1.4.1.14823.2.2.1.12.1.2.5
voiceCallCtrsOrig	.1.3.6.1.4.1.14823.2.2.1.12.1.2.6

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
voiceCallCtrsRecvd	.1.3.6.1.4.1.14823.2.2.1.12.1.2.7
voiceCallCtrsActive	.1.3.6.1.4.1.14823.2.2.1.12.1.2.8
voiceCallCtrsNotFnd	.1.3.6.1.4.1.14823.2.2.1.12.1.2.9
voiceCallCtrsBusy	.1.3.6.1.4.1.14823.2.2.1.12.1.2.10
voiceCallCtrsSvc	.1.3.6.1.4.1.14823.2.2.1.12.1.2.11
voiceCallCtrsReqTerm	.1.3.6.1.4.1.14823.2.2.1.12.1.2.12
voiceCallCtrsDecline	.1.3.6.1.4.1.14823.2.2.1.12.1.2.13
voiceCallCtrsUnauth	.1.3.6.1.4.1.14823.2.2.1.12.1.2.14
voiceCallCtrsMisc	.1.3.6.1.4.1.14823.2.2.1.12.1.2.15
wlsxVoiceClientInfoGroup	.1.3.6.1.4.1.14823.2.2.1.12.1.3
wlsxVoiceClientTotal	.1.3.6.1.4.1.14823.2.2.1.12.1.3.1
wlsxVoiceClientTable	.1.3.6.1.4.1.14823.2.2.1.12.1.3.2
wlsxVoiceClientEntry	.1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1
voiceClientIp	.1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.1
voiceClientProtocol	.1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.2
voiceClientRegState	.1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.3
voiceClientContactName	.1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.4
voiceClientServerName	.1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.5
voiceClientEssid	.1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.6
voiceClientVlanId	.1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.7
voiceClientTunnelId	.1.3.6.1.4.1.14823.2.2.1.12.1.3.2.1.8
wlsxVoiceAPBssidInfoGroup	.1.3.6.1.4.1.14823.2.2.1.12.1.4
wlsxVoiceAPBssidTotal	.1.3.6.1.4.1.14823.2.2.1.12.1.4.1
wlsxVoiceAPBssidTable	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2
wlsxVoiceAPBssidEntry	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1
voiceAPBssidName	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.1
voiceAPBssidGroup	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.2
voiceAPBssidIp	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.3
voiceAPBssidTotCalls	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.4
voiceAPBssidVoiceType	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.5
voiceAPBssidFlag	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.6
voiceAPBssidUpTime	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.7
voiceAPBssid100Sent	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.8
voiceAPBssid503Sent	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.9

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
voiceAPBssidExtraCallDisc	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.10
voiceAPBssidKickedOff	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.11
voiceAPBssidTspecDenied	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.12
voiceAPBssidCacFlag	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.13
voiceAPBssidTotVoiceClients	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.14
voiceAPBssidCallsSCCP	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.15
voiceAPBssidCallsSIP	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.16
voiceAPBssidCallsSVP	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.17
voiceAPBssidCallsVocera	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.18
voiceAPBssidCallsNoe	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.19
voiceAPBssidEssid	.1.3.6.1.4.1.14823.2.2.1.12.1.4.2.1.20
wlsxMeshMIB	.1.3.6.1.4.1.14823.2.2.1.13
wlsxMeshInfoGroup	.1.3.6.1.4.1.14823.2.2.1.13.1
wlsxMeshPointGroup	.1.3.6.1.4.1.14823.2.2.1.13.1.1
wlsxMeshPointTotal	.1.3.6.1.4.1.14823.2.2.1.13.1.1.1
wlsxMeshPointTable	.1.3.6.1.4.1.14823.2.2.1.13.1.1.2
wlsxMeshPointEntry	.1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1
wlsxMeshRole	.1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.1
wlsxMeshPointParent	.1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.2
wlsxMeshPointChildrenCount	.1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.3
wlsxMeshPointLongitude	.1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.4
wlsxMeshPointLatitude	.1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.5
wlsxMeshPointDirection	.1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.6
wlsxMeshPointAngle	.1.3.6.1.4.1.14823.2.2.1.13.1.1.2.1.7
wlsxMeshClusterGroup	.1.3.6.1.4.1.14823.2.2.1.13.1.2
wlsxMeshClusterTotal	.1.3.6.1.4.1.14823.2.2.1.13.1.2.1
wlsxMeshClusterTable	.1.3.6.1.4.1.14823.2.2.1.13.1.2.2
wlsxMeshClusterEntry	.1.3.6.1.4.1.14823.2.2.1.13.1.2.2.1
wlsxMeshClusterName	.1.3.6.1.4.1.14823.2.2.1.13.1.2.2.1.1
wlsxMeshClusterSsid	.1.3.6.1.4.1.14823.2.2.1.13.1.2.2.1.2
wlsxMeshClusterRfBand	.1.3.6.1.4.1.14823.2.2.1.13.1.2.2.1.3
wlsxMeshClusterRfEncryption	.1.3.6.1.4.1.14823.2.2.1.13.1.2.2.1.4
wlsxMeshTopologyGroup	.1.3.6.1.4.1.14823.2.2.1.13.1.3
wlsxMeshTopologyTotal	.1.3.6.1.4.1.14823.2.2.1.13.1.3.1

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxMeshTopologyTable	.1.3.6.1.4.1.14823.2.2.1.13.1.3.2
wlsxMeshTopologyEntry	.1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1
wlanAPMeshRole	.1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.1
wlsxMeshTopologyParen	.1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.2
wlsxMeshTopologyPathCost	.1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.3
wlsxMeshTopologyNodeCost	.1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.4
wlsxMeshTopologyLinkCost	.1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.5
wlsxMeshTopologyHopCost	.1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.6
wlsxMeshTopologyUptime	.1.3.6.1.4.1.14823.2.2.1.13.1.3.2.1.7
wlsxUser6MIB	.1.3.6.1.4.1.14823.2.2.1.14
wlsxUser6AllInfoGroup	.1.3.6.1.4.1.14823.2.2.1.14.1
wlsxTotalNumOfUsers6	.1.3.6.1.4.1.14823.2.2.1.14.1.1
wlsxUser6Table	.1.3.6.1.4.1.14823.2.2.1.14.2
wlsxUser6Entry	.1.3.6.1.4.1.14823.2.2.1.14.2.1
nUser6PhyAddress	.1.3.6.1.4.1.14823.2.2.1.14.2.1.1
nUser6IpAddress	.1.3.6.1.4.1.14823.2.2.1.14.2.1.2
nUser6Name	.1.3.6.1.4.1.14823.2.2.1.14.2.1.3
nUser6Role	.1.3.6.1.4.1.14823.2.2.1.14.2.1.4
nUser6UpTime	.1.3.6.1.4.1.14823.2.2.1.14.2.1.5
nUser6AuthenticationMethod	.1.3.6.1.4.1.14823.2.2.1.14.2.1.6
nUser6SubAuthenticationMethod	.1.3.6.1.4.1.14823.2.2.1.14.2.1.7
nUser6AuthServerName	.1.3.6.1.4.1.14823.2.2.1.14.2.1.8
nUser6ExtVPNAAddress	.1.3.6.1.4.1.14823.2.2.1.14.2.1.9
nUser6ApLocation	.1.3.6.1.4.1.14823.2.2.1.14.2.1.10
nUser6ApBSSID	.1.3.6.1.4.1.14823.2.2.1.14.2.1.11
nUser6IsOnHomeAgent	.1.3.6.1.4.1.14823.2.2.1.14.2.1.12
nUser6HomeAgentIpAddress	.1.3.6.1.4.1.14823.2.2.1.14.2.1.13
nUser6MobilityStatus	.1.3.6.1.4.1.14823.2.2.1.14.2.1.14
nUser6HomeVlan	.1.3.6.1.4.1.14823.2.2.1.14.2.1.15
nUser6DefaultVlan	.1.3.6.1.4.1.14823.2.2.1.14.2.1.16
nUser6AssignedVlan	.1.3.6.1.4.1.14823.2.2.1.14.2.1.17
nUser6BWContractName	.1.3.6.1.4.1.14823.2.2.1.14.2.1.18
nUser6BWContractUsage	.1.3.6.1.4.1.14823.2.2.1.14.2.1.19
nUser6BWContractId	.1.3.6.1.4.1.14823.2.2.1.14.2.1.20

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
nUser6IsProxyArpEnabled	.1.3.6.1.4.1.14823.2.2.1.14.2.1.21
nUser6CurrentVlan	.1.3.6.1.4.1.14823.2.2.1.14.2.1.22
nUser6IsWired	.1.3.6.1.4.1.14823.2.2.1.14.2.1.23
nUser6ConnectedSlot	.1.3.6.1.4.1.14823.2.2.1.14.2.1.24
nUser6ConnectedPort	.1.3.6.1.4.1.14823.2.2.1.14.2.1.25
nUser6PhyType	.1.3.6.1.4.1.14823.2.2.1.14.2.1.26
nUser6MobilityDomainName	.1.3.6.1.4.1.14823.2.2.1.14.2.1.27
nUser6UPBWContractName	.1.3.6.1.4.1.14823.2.2.1.14.2.1.28
nUser6UPBWContractUsage	.1.3.6.1.4.1.14823.2.2.1.14.2.1.29
nUser6UPBWContractId	.1.3.6.1.4.1.14823.2.2.1.14.2.1.30
nUser6DNBWContractName	.1.3.6.1.4.1.14823.2.2.1.14.2.1.31
nUser6DNBWContractUsage	.1.3.6.1.4.1.14823.2.2.1.14.2.1.32
nUser6DNBWContractId	.1.3.6.1.4.1.14823.2.2.1.14.2.1.33
nUser6HTMode	.1.3.6.1.4.1.14823.2.2.1.14.2.1.34
nUserForwardMode	1.3.6.1.4.1.14823.2.4.1.2.1.35
wlsxUser6SessionTimeTable	.1.3.6.1.4.1.14823.2.2.1.14.3
wlsxUser6SessionTimeEntry	.1.3.6.1.4.1.14823.2.2.1.14.3.1
wlsxUser6SessionTimeLength	.1.3.6.1.4.1.14823.2.2.1.14.3.1.1
wlsxUser6SessionTimeCount	.1.3.6.1.4.1.14823.2.2.1.14.3.1.2
arubaAp	.1.3.6.1.4.1.14823.2.3
wlsrEnterpriseMibModules	.1.3.6.1.4.1.14823.2.3.1
wlsrTrapMIB	.1.3.6.1.4.1.14823.2.3.1.11
wlsxTrapsGroup	.1.3.6.1.4.1.14823.2.3.1.11.1
wlsxTrapObjectsGroup	.1.3.6.1.4.1.14823.2.3.1.11.1.1
wlsxTrapAPMacAddress	.1.3.6.1.4.1.14823.2.3.1.11.1.1.1
wlsxTrapAPIpAddress	.1.3.6.1.4.1.14823.2.3.1.11.1.1.2
wlsxTrapAPBSSID	.1.3.6.1.4.1.14823.2.3.1.11.1.1.3
wlsxTrapEssid	.1.3.6.1.4.1.14823.2.3.1.11.1.1.4
wlsxTrapTargetAPBSSID	.1.3.6.1.4.1.14823.2.3.1.11.1.1.5
wlsxTrapTargetAPSSID	.1.3.6.1.4.1.14823.2.3.1.11.1.1.6
wlsxTrapTargetAPChannel	.1.3.6.1.4.1.14823.2.3.1.11.1.1.7
wlsxTrapNodeMac	.1.3.6.1.4.1.14823.2.3.1.11.1.1.8
wlsxTrapSourceMac	.1.3.6.1.4.1.14823.2.3.1.11.1.1.9
wlsxReceiverMac	.1.3.6.1.4.1.14823.2.3.1.11.1.1.10

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxTrapTransmitterMac	.1.3.6.1.4.1.14823.2.3.1.11.1.1.11
wlsxTrapReceiverMac	.1.3.6.1.4.1.14823.2.3.1.11.1.1.12
wlsxTrapSnr	.1.3.6.1.4.1.14823.2.3.1.11.1.1.13
wlsxTrapSignatureName	.1.3.6.1.4.1.14823.2.3.1.11.1.1.14
wlsxTrapFrameType	.1.3.6.1.4.1.14823.2.3.1.11.1.1.15
wlsxTrapAddressType	.1.3.6.1.4.1.14823.2.3.1.11.1.1.16
wlsxTrapAPLocation	.1.3.6.1.4.1.14823.2.3.1.11.1.1.17
wlsxTrapAPChannel	.1.3.6.1.4.1.14823.2.3.1.11.1.1.18
wlsxTrapAPTxPower	.1.3.6.1.4.1.14823.2.3.1.11.1.1.19
wlsxTrapMatchedMac	.1.3.6.1.4.1.14823.2.3.1.11.1.1.20
wlsxTrapMatchedIp	.1.3.6.1.4.1.14823.2.3.1.11.1.1.21
wlsxTrapRogueIfoURL	.1.3.6.1.4.1.14823.2.3.1.11.1.1.22
wlsxTrapVlanId	.1.3.6.1.4.1.14823.2.3.1.11.1.1.23
wlsxTrapAdminStatus	.1.3.6.1.4.1.14823.2.3.1.11.1.1.24
wlsxTrapOperStatus	.1.3.6.1.4.1.14823.2.3.1.11.1.1.25
wlsxTrapAuthServerName	.1.3.6.1.4.1.14823.2.3.1.11.1.1.26
wlsxTrapAuthServerTimeout	.1.3.6.1.4.1.14823.2.3.1.11.1.1.27
wlsxTrapCardSlot	.1.3.6.1.4.1.14823.2.3.1.11.1.1.28
wlsxTrapTemperatureValue	.1.3.6.1.4.1.14823.2.3.1.11.1.1.29
wlsxTrapProcessName	.1.3.6.1.4.1.14823.2.3.1.11.1.1.30
wlsxTrapFanNumber	.1.3.6.1.4.1.14823.2.3.1.11.1.1.31
wlsxTrapVoltageType	.1.3.6.1.4.1.14823.2.3.1.11.1.1.32
wlsxTrapVoltageValue	.1.3.6.1.4.1.14823.2.3.1.11.1.1.33
wlsxTrapStationBlackListReason	.1.3.6.1.4.1.14823.2.3.1.11.1.1.34
wlsxTrapSpoofedIpAddress	.1.3.6.1.4.1.14823.2.3.1.11.1.1.35
wlsxTrapSpoofedOldPhyAddress	.1.3.6.1.4.1.14823.2.3.1.11.1.1.36
wlsxTrapSpoofedNewPhyAddress	.1.3.6.1.4.1.14823.2.3.1.11.1.1.37
wlsxTrapDBName	.1.3.6.1.4.1.14823.2.3.1.11.1.1.38
wlsxTrapDBUserName	.1.3.6.1.4.1.14823.2.3.1.11.1.1.39
wlsxTrapDBIpAddress	.1.3.6.1.4.1.14823.2.3.1.11.1.1.40
wlsxTrapDBType	.1.3.6.1.4.1.14823.2.3.1.11.1.1.41
wlsxTrapVrrpID	.1.3.6.1.4.1.14823.2.3.1.11.1.1.42
wlsxTrapVrrpMasterIp	.1.3.6.1.4.1.14823.2.3.1.11.1.1.43
wlsxTrapVrrpOperState	.1.3.6.1.4.1.14823.2.3.1.11.1.1.44



**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxTrapESIServerGrpName	.1.3.6.1.4.1.14823.2.3.1.11.1.1.45
wlsxTrapESIServerName	.1.3.6.1.4.1.14823.2.3.1.11.1.1.46
wlsxTrapESIServerIpAddress	.1.3.6.1.4.1.14823.2.3.1.11.1.1.47
wlsxTrapLicenseDaysRemaining	.1.3.6.1.4.1.14823.2.3.1.11.1.1.48
wlsxTrapSwitchIp	.1.3.6.1.4.1.14823.2.3.1.11.1.1.49
wlsxTrapSwitchRole	.1.3.6.1.4.1.14823.2.3.1.11.1.1.50
wlsxTrapUserIpAddress	.1.3.6.1.4.1.14823.2.3.1.11.1.1.51
wlsxTrapUserPhyAddress	.1.3.6.1.4.1.14823.2.3.1.11.1.1.52
wlsxTrapUserName	.1.3.6.1.4.1.14823.2.3.1.11.1.1.53
wlsxTrapUserRole	.1.3.6.1.4.1.14823.2.3.1.11.1.1.54
wlsxTrapUserAuthenticationMethod	.1.3.6.1.4.1.14823.2.3.1.11.1.1.55
wlsxTrapAPRadioNumber	.1.3.6.1.4.1.14823.2.3.1.11.1.1.56
wlsxTrapRogueInfoURL	.1.3.6.1.4.1.14823.2.3.1.11.1.1.57
wlsxTrapInterferingAPIInfoURL	.1.3.6.1.4.1.14823.2.3.1.11.1.1.58
wlsxTrapPortNumber	.1.3.6.1.4.1.14823.2.3.1.11.1.1.59
wlsxTrapTime	.1.3.6.1.4.1.14823.2.3.1.11.1.1.60
wlsxTrapHostIp	.1.3.6.1.4.1.14823.2.3.1.11.1.1.61
wlsxTrapHostPort	.1.3.6.1.4.1.14823.2.3.1.11.1.1.62
wlsxTrapConfigurationId	.1.3.6.1.4.1.14823.2.3.1.11.1.1.63
wlsxTrapCTSURL	.1.3.6.1.4.1.14823.2.3.1.11.1.1.64
wlsxTrapCTSTransferType	.1.3.6.1.4.1.14823.2.3.1.11.1.1.65
wlsxTrapConfigurationState	.1.3.6.1.4.1.14823.2.3.1.11.1.1.66
wlsxTrapUpdateFailureReason	.1.3.6.1.4.1.14823.2.3.1.11.1.1.67
wlsxTrapUpdateFailedObj	.1.3.6.1.4.1.14823.2.3.1.11.1.1.68
wlsxTrapTableEntryChangeType	.1.3.6.1.4.1.14823.2.3.1.11.1.1.69
wlsxTrapGlobalConfigObj	.1.3.6.1.4.1.14823.2.3.1.11.1.1.70
wlsxTrapTableGenNumber	.1.3.6.1.4.1.14823.2.3.1.11.1.1.71
wlsxTrapLicenseId	.1.3.6.1.4.1.14823.2.3.1.11.1.1.72
wlsxTrapConfidenceLevel	.1.3.6.1.4.1.14823.2.3.1.11.1.1.73
wlsxTrapMissingLicenses	.1.3.6.1.4.1.14823.2.3.1.11.1.1.74
wlsxVoiceCurrentNumCdr	.1.3.6.1.4.1.14823.2.3.1.11.1.1.75
wlsxTrapTunnelId	.1.3.6.1.4.1.14823.2.3.1.11.1.1.76
wlsxTrapTunnelStatus	.1.3.6.1.4.1.14823.2.3.1.11.1.1.77
wlsxTrapTunnelUpReason	.1.3.6.1.4.1.14823.2.3.1.11.1.1.78

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxTrapTunnelDownReason	.1.3.6.1.4.1.14823.2.3.1.11.1.1.79
wlsxTrapApSerialNumber	.1.3.6.1.4.1.14823.2.3.1.11.1.1.80
wlsxTraptimeStr	.1.3.6.1.4.1.14823.2.3.1.11.1.1.81
wlsxTrapDefinitionsGroup	.1.3.6.1.4.1.14823.2.3.1.11.1.2
wlsxVlanLinkUp	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1000
wlsxVlanLinkDown	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1001
wlsxSignatureMatch	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1002
wlsxNodeRateAnomaly	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1003
wlsxNormalTemperature	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1004
wlsxProcessRestart	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1005
wlsxFlashSpaceOK	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1006
wlsxMemoryUsageOK	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1007
wlsxPowerSupplyOK	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1008
wlsxFanOK	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1009
wlsxInRangeVoltage	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1010
wlsxCoverageHoleResolved	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1011
wlsxNSwitchIPChanged	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1012
wlsxNSwitchRoleChange	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1013
wlsxNUserEntryCreated	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1014
wlsxNUserEntryDeleted	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1015
wlsxNUserEntryAuthenticated	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1016
wlsxNUserEntryDeAuthenticated	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1017
wlsxNUserAuthenticationFailed	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1018
wlsxNAuthServerReqTimedOut	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1019
wlsxNAuthServerTimedOut	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1020
wlsxNAuthServerIsUp	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1021
wlsxNAuthMaxUserEntries	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1022
wlsxNAuthMaxAclEntries	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1023
wlsxNAuthMaxBWContracts	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1024
wlsxNPowerSupplyFailure	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1025
wlsxNFanFailure	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1026
wlsxNOutOfRangeVoltage	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1027
wlsxNOutOfRangeTemperature	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1028
wlsxNLCInserted	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1029

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxNSCInserted	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1030
wlsxNGBICInserted	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1031
wlsxNProcessDied	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1032
wlsxNProcessExceedsMemoryLimits (deprecated)	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1033
wlsxNLowOnFlashSpace	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1034
wlsxNLowMemory	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1035
wlsxNFanTrayRemoved	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1036
wlsxNFanTrayInserted	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1037
wlsxNLCRemoved	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1038
wlsxNPowerSupplyMissing	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1039
wlsxNAccessPointsUp	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1040
wlsxNAccessPointsDown	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1041
wlsxNCoverageHoleDetected	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1042
wlsxNChannelChanged	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1043
wlsxNStationAddedToBlackList	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1044
wlsxNStationRemovedFromBlackList	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1045
wlsxNIpSpoofingDetected	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1046
wlsxNDBCommunicationFailure	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1047
wlsxNVrrpStateChange	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1048
wlsxNRadioAttributesChanged	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1049
wlsxNESIServerUp	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1050
wlsxNESIServerDown	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1051
wlsxNLicenseExpiry	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1052
wlsxUnsecureAPDetected	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1053
wlsxUnsecureAPResolved	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1054
wlsxStalImpersonation	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1055
wlsxReservedChannelViolation	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1056
wlsxValidSSIDViolation	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1057
wlsxChannelMisconfiguration	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1058
wlsxOUIMisconfiguration	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1059
wlsxSSIDMisconfiguration	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1060
wlsxShortPreableMisconfiguration	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1061
wlsxWPAMisconfiguration	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1062
wlsxAdhocNetworkDetected	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1063

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxAdhocNetworkRemoved	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1064
wlsxStaPolicyViolation	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1065
wlsxRepeatWEPIVViolation	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1066
wlsxWeakWEPIVViolation	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1067
wlsxChannelInterferenceDetected	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1068
wlsxChannelInterferenceCleared	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1069
wlsxAPIInterferenceDetected	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1070
wlsxAPIInterferenceCleared	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1071
wlsxStaInterferenceDetected	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1072
wlsxStaInterferenceCleared	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1073
wlsxFrameRetryRateExceeded	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1074
wlsxFrameReceiveErrorRateExceeded	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1075
wlsxFrameFragmentationRateExceeded	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1076
wlsxFrameBandWidthRateExceeded	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1077
wlsxFrameLowSpeedRateExceeded	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1078
wlsxFrameNonUnicastRateExceeded	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1079
wlsxLoadbalancingEnabled	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1080
wlsxLoadbalancingDisabled	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1081
wlsxChannelFrameRetryRateExceeded	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1082
wlsxChannelFrameFragmentationRateExceeded	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1083
wlsxChannelFrameErrorRateExceeded	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1084
wlsxSignatureMatchAP	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1085
wlsxSignatureMatchSta	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1086
wlsxChannelRateAnomaly	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1087
wlsxNodeRateAnomalyAP	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1088
wlsxNodeRateAnomalySta	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1089
wlsxEAPRateAnomaly	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1090
wlsxSignalAnomaly	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1091
wlsxSequenceNumberAnomalyAP	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1092
wlsxSequenceNumberAnomalySta	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1093
wlsxDisconnectStationAttack	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1094
wlsxApFloodAttack	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1095
wlsxAdhocNetwork	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1096
wlsxWirelessBridge	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1097

**Table 126** SNMP OIDs for Aruba Enterprise MIB modules (Continued)

SNMP MIB	OID
wlsxInvalidMacOUIAP	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1098
wlsxInvalidMacOUISta	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1099
wlsxWEPMisconfiguration	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1100
wlsxStaRepeatWEPIVViolation	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1101
wlsxStaWeakWEPIVViolation	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1102
wlsxStaAssociatedToUnsecureAP	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1103
wlsxStaUnAssociatedFromUnsecureAP	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1104
wlsxAdhocNetworkBridgeDetected	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1105
wlsxInterferingApDetected	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1106
wlsxPortUp	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1107
wlsxPortDown	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1108
wlsxBSSIDsUp	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1109
wlsxBSSIDsDown	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1110
wlsxColdStart	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1111
wlsxWarmStart	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1112
wlsxAPImpersonation	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1113
wlsxInformQueueOverflow	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1114
wlsxNAuthServerIsDown	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1115
wlsxCTSTransferError	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1116
wlsxCTSTransferSucceeded	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1117
wlsxConfigurationUpdateError	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1118
wlsxConfigurationUpdateSucceeded	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1119
wlsxGlobalConfigurationChangeNotification	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1120
wlsxUserEntryChanged	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1121
wlsxAPBssidEntryChanged	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1122
wlsxAPRadioEntryChanged	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1123
wlsxAPEntryChanged	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1124
wlsxSwitchListEntryChanged	.1.3.6.1.4.1.14823.2.3.1.11.1.2.1125
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