Dell PowerConnect W-AirWave 7.5 Supported Infrastructure Devices

Dell PowerConnect W-AirWave provides a range of features to manage network infrastructure devices from Dell PowerConnect W-Series and other vendors. This document describes the supported product families, software versions, and feature set for the following product sets:

- Wireless LAN APs and controllers
  - Dell PowerConnect W-Series
  - Cisco
  - Motorola
- Wired Ethernet switches
  - Aruba Mobility Access Switches
  - Other switches
- Legacy devices

Wireless LAN APs and Controllers

Dell PowerConnect W-Series

Dell PowerConnect W-AirWave supports all Dell PowerConnect W-Series controllers and most access points that have not reached the End of Support milestone.

Controllers running ArubaOS 6.1.3.x and all prior versions that have not reached the End of Support milestone are supported by this version of AirWave, including the management of global configuration profiles and software upgrades.

Dell PowerConnect W-Series Instant APs running software versions 6.1.3.1-3.0.0.x and prior are also supported, including the management of configuration settings and software upgrades.

Cisco

Autonomous APs running IOS

The following IOS AP product families are supported for monitoring, configuration, and software upgrades:

Validated up to IOS 12.3(11)JA:

- 350
- 1100, 1130, 1140 series

Validated up to IOS 12.4(21a)JA1:

- 350, 1040, 1100, 1130, 1140, 1200, 1210, 1230, 1240, 1250, 1260 series
- 1300/1400 series bridges
- 871w (no software upgrade support)

Wireless LAN Controllers

The following controllers and thin APs are supported for monitoring, configuration, and software upgrades:

Validated up to software version 7.0.116.0

- Standalone 2000, 2100. 2500, 4400, and 5500 series controllers
- 1000, 1040, 1130, 1140, 1200, 1230, 1340, 1250, 1260, 3500 series APs
- Cisco Catalyst 3750G Integrated WLC
- WiSM/WiSM2

Support is not available for the following products:

- 3600 series APs
- 7500 series controllers
- Mobility Services Engine
- 500, 600 series APs

Support for legacy Cisco devices is described at the end of the document.

Motorola

The following Motorola (formerly Symbol) controllers and autonomous APs are supported for monitoring, configuration, and software upgrades up to software version 4.3.3:

Controllers

- RFS4000/6000/7000
- WS2000 (validated up to 2.4.5)
- WS5100 (validated up to 3.3.4)

Autonomous APs: 5131, 5181, 7131

Support for legacy Motorola/Symbol devices is described at the end of the document.

NOTE: Motorola 5.x software is not supported by AirWave.

Wired Ethernet Switches

Any standalone Ethernet access switch that supports the standard SNMP MIB-II objects for wired switches can be monitored by AirWave.

AirWave will collect the uptime and name/location/contact information for switches (or any device that supports SNMP). For port information, AirWave relies on the IF-MIB to collect byte counts.

MAC addresses are collected from the BRIDGE MIB and RFC1213 MIB (ARP table) in order to determine AP port assignments and identify possible rogue devices on the network.

Some switches have additional support in AirWave:

Cisco

- Automated discovery through SNMP
- Model & software version identification
- CDP neighbor information and extended port error stats
- 3750 stack information

Juniper

- Automated discovery through SNMP
- Model & software version identification

- Rogue AP detection is supported using the Q-BRIDGE MIB

HP ProCurve

- Automated discovery through SNMP
- Model & software version identification

Alcatel-Lucent OmniSwitch (6250, 6450, and 6850)

- Automated discovery through SNMP
- Model & software version identification
- Stack information

Other Devices With Monitoring Support

This version of AirWave supports monitoring for a variety of devices at the software versions listed here:

Table 1 *Other Supported Devices*

Device	Supported Firmware
BelAir 200	main.2005.03.29
Cisco 4800 (Pre-VxWorks)	8.65.2
HP MSM7xx and APs	5.3.1.8-01-7189
HP ProCurve 420	2.0.38 - 2.2.5
HP ProCurve 530	WA.01.16-WA.02.19
HP WESM controllers & APs • xl • zl	 • WS.01.05 – WS.02.19 • WT.01.03 – WT.01.28
Meru MC1000, MC3000, MC5000	3.3-118 – 3.6.1-49
Proxim AP-600/700 Proxim AP 2000/4000	2.0 – 4.0.2
Proxim Tsunami MP.11 QB 954-x, 2454-x, 4954-x, 5054-x	2.3.0 – 4.0.0
Symbol 3021	04.01-23 – 04.02-19
Symbol 4121/4131	3.51-20 – 3.95-04
Symbol 5131/5181	1.1.0.0.045R – 2.5.0.0
Trapeze MXR-2, MXR-8, MXR-20, MXR-2xx, MX-400, MP-3x2, MP-422	5.0.12.2 – 7.0.5.6
Tropos 3/4/5210/5320/9422/9532	5.1.4.7 – 6.6.1.3

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