Dell Networking W-Series Instant

Quick Start Guide

This Quick Start Guide assists you to connect and configure a Dell Networking W-Series Instant Access Point (W-IAP). To learn more about W-IAP and for detailed configuration information, see the *Dell Networking W-Series Instant User Guide*.

Getting Started

Unpack and Power on W-IAP

After unpacking the W-IAP, check the power requirements and connect the W-IAP.

> **Note:** Based on the W-IAP model, you can power on the W-IAP by using an AC adapter or Power over Ethernet (PoE). Use the option that suits your W-IAP deployment environment.

Connect

To connect the W-IAP to your network, plug in a LAN cable to Ethernet port (on the back side of the device). The Ethernet port LED turns green.

Provision

W-IAPs can be provisioned automatically, through Dell W-AirWave or by manually connecting to a provisioning network. Use the following methods based on your W-IAP provisioning requirements.

Functional W-IAP in the Network

If a W-IAP is already configured and is in operational state, connect the W-IAP into the same VLAN or subnet, to automatically configure the new W-IAP.

Instant UI

Instant user interface (UI) is a standard web-based interface that allows you to configure and monitor a W-IAP network.

To start using the Instant UI, perform the following steps:

1. Using a wireless client, scan the wireless networks and connect to the "instant" SSID.
2. Using a web browser, go to the "instant.dell-pcw.com" URL.
3. Log in to the Instant UI with the following credentials:
   - Username—"admin"
   - Password—"admin"

> **Note:** It is recommended that you change the administrator login credentials after the initial configuration. For more information, see the Management Authentication Settings section in the *Dell Networking W-Series Instant User Guide*.

4. If the **Country Code** window is displayed after a successful login, select a country from the list.

> **Note:** The Country Code window is displayed only when the W-IAP-RW (Rest of World) variants are installed. The country code setting is not applicable to the W-IAPs designed for US and Japan.

5. If the Instant UI is used for managing W-IAPs, proceed to Creating a Wireless Network. If W-AirWave is deployed for managing the network, perform the following steps.
   a. Navigate to **System>Admin** in the Instant UI to configure W-AirWave. The window with W-AirWave configuration options is displayed.
   b. In the **AirWave** section, enter the **Shared Key** and **AirWave IP** details. Contact your local network administrator to obtain these details.

Creating a Wireless Network

To create a wireless network using the Instant UI, perform the following steps:

1. From the Instant UI main window, click **New** under the **Networks** section. The **New WLAN** window is displayed.
2. In the **WLAN Settings** tab, enter a name (SSID) for the network. This name is used for identifying the Network.
3. Click **Next**. The **VLAN** tab details are displayed.
4. In the **VLAN** tab, select the required **Client IP assignment and Client VLAN assignment** options.
5. Click **Next**. The **Security** tab details are displayed.
6. In the **Security** tab, enter a unique passphrase and retype it to confirm. You can use the default values or customize the security settings.
7. Click **Next**. The **Access** tab details are displayed.
8. In the **Access** tab, ensure that the **Unrestricted** access control is specified.
9. Click **Finish**. The new network is added and displayed in the **Networks** window.

For more information on configuring different types of wireless networks such as Employee, Guest, or Voice, see the *Dell Networking W-Series Instant User Guide*.

Verifying the Operating Status

After setting up a W-IAP and creating a wireless network, use the Instant UI or the LEDs to verify the operating status.

Verifying Status Using LEDs

You can use the LEDs to verify that both radios are active after the AP initialization and configuration.

The following table lists the Ethernet ports available on a W-IAP and the corresponding status indication:

W-IAP Model	Ethernet Ports
W-IAP134/135	ENET0: Indicates uplink connection. ENET1: Indicates wired downlink connection.

| W-IAP Model	Ethernet Ports
W-IAP3WN/3WNP	E0: Indicates uplink connection. E1 and E2: Indicate wired downlink connection. **NOTE:** The E2 port on W-IAP3WNP supports Power Sourcing Equipment (PSE) to supply power to any compliant 802.3af powered (class 0-4) device.
W-IAP108/109	ENET0: Indicates uplink connection. ENET1: Indicates wired downlink connection.
W-IAP155/155P	E0: Indicates uplink connection. E1, E2, E3, and E4: Indicate wired downlink connection. **NOTE:** The W-IAP155P supports PSE for 802.3at powered device (class 0-4) on one port (E1 or E2), or 802.3af powered DC IN (Power Socket) on two ports (E1 and E2).
W-IAP224/225	ENET0: Indicates uplink connection. ENET1: Indicates wired downlink connection. **NOTE:** When operating on 802.3af, only the port connected to power is usable. For example, if the source of power is connected to ENET 0, then ENET 1 will not work.
W-IAP274/275	The W-IAP274/275 are equipped with two Gigabit Ethernet ports, which are referred to as WAN and LAN ports for Ethernet connectivity. The WAN port supports 802.3at Power over Ethernet (PoE), accepting 48 VDC (nominal) as a standard defined Powered Device (PD) from a Power Sourcing Equipment (PSE) such as a PoE midspan injector.
W-IAP114/115 W-IAP103	ENET: Indicates uplink connection.
W-IAP204/205	ENET: Indicates uplink connection.
W-IAP214/215	ENET: Indicates uplink connection.

For information on the LED status indicators, see the Installation Guide provided with the W-IAP package.

Verifying Status Using Instant UI

To verify that the wireless network is available and the SSID is broadcasted, perform the following steps:

1. Verify that the newly created network is displayed in the **Networks** window: for example, *employee_network* as shown in Figure 1.

Figure 1 *Network Window*
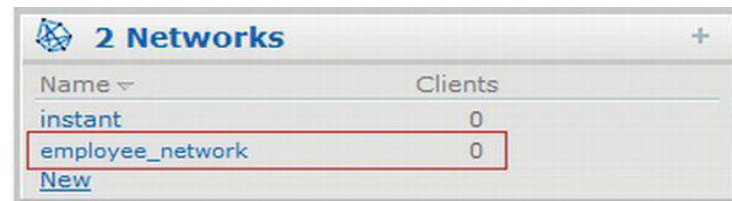
2. Disconnect the client from **instant**, the default provisioning network to which your client system is connected.

3. Connect your client to the newly created network.

4. Log in to the Instant UI with the administrator credentials. The **instant** provisioning network is automatically deleted and will no longer be available.

Converting a W-IAP

A W-IAP can be converted to operate as a Campus AP or Remote AP managed by a Dell Networking W-Series Mobility Controller.

To convert a W-IAP through the Instant UI, perform the following steps:

1. Log in to the Instant UI with the administrator credentials.

2. Click the **Maintenance** link at the top right corner of the Instant main window.

3. Click the **Convert** tab.

4. Based on your requirement, select an appropriate option from the **Convert one or more Access Points to** drop-down menu.

5. Enter the IP address of the Dell Controller.

6. Click **Convert Now**. The W-IAP reboots and begins operating in the mode that you configured.

To convert a W-IAP from a controller-managed mode to Instant mode, manually reset the W-IAP.

✍ **Note:** To reset a W-IAP, press and hold the reset button using a small and narrow object such as a paperclip. Power on the W-IAP without releasing the reset button. The power LED flashes within five seconds indicating that the reset is completed.

For more information on the W-IAP conversion process, see the *Dell Networking W-Series Instant User Guide*.

Contacting Dell

Website Support	
Main Website	dell.com
Contact Information	dell.com/contactdell
Support Website	dell.com
Documentation Website	dell.com/support/manuals

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