Dell Networking W-Series Instant Access Point

Quick Start Guide

This Quick Start Guide assists you to quickly connect and configure Dell Networking W-Series Instant Access Point. To learn more about Dell W-Instant and for detailed configuration information, see *Dell Networking W-Series Instant Access Point 6.2.1.0-3.3.0.0 User Guide*.

Getting Started

Unpack and Power on W-IAP

After unpacking the Dell W-Instant Access Point (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 Enet0 (on the back side of the device) port. The E0 LED turns green.

Provision

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

Dell W-Series Instant UI

Dell Networking W-Series Instant Access Point user interface is a standard web-based interface that allows you to configure and monitor a W-IAP network.

To start using the Dell W-Series 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 http://instant.dell-pcw.com.
3. Log in to the Dell W-Series Instant UI with **admin** and **admin** as username and password respectively.

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

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

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

5. If the Dell W-Series Instant UI is used for managing W-IAPs, proceed to Creating a Wireless Network. If W-AirWave is deployed for managing the netwok, perform the following steps.
   a. Click **Set Up Now** at the bottom of the Dell W-Series Instant UI to configure W-AirWave. The **System** window is displayed.
   b. Click the **Admin** tab. 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 Dell W-Series Instant UI, perform the following steps:

1. From the Dell W-Series 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** tab.

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

Verifying the Operating Status

After setting up a W-IAP and creating a wireless networks, use the Dell W-Series 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 configuration. For information on the LED status indicators, see the *Install Guide* provided with the W-IAP package.

> **Note:** The E0 port on W-AP134/135, W-IAP3WN/3WNP, W-IAP108/109, and W-IAP155/155P supports uplink connection.
> The E1 port on W-AP134/135 and W-IAP108/109, E1 and E2 ports on W-IAP3WN/3WNP, and E1, E2, E3, and E4 ports on W-IAP155/155P support wired downlink connection.
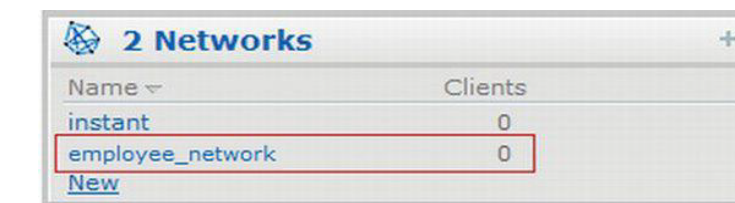
> **Note:** The E2 port on W-IAP3WNP supports Power Sourcing Equipment (PSE) to supply power to any compliant 802.3af powered (class 0-4) device.
> The W-IAP155P supports PSE for 802.3at powered device (class 0-4) on one port (E1 or E2), or 802.3af powered DC IN (Power Socket) on two ports (E1 and E2).

Verifying Status Using the Dell W-Series 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 Dell W-Series 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 Dell W-Series Instant UI, perform the following steps:

1. Log in to the Dell W-Series Instant UI with the administrator credentials.

2. Click the **Maintenance** link at the top right corner of the Dell W-Series Instant UI 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 Mobility 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 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 Access Point 6.2.1.0-3.3.0.0 User Guide*.

Contacting Support

Web Support	
Main Site	dell.com
Support Site	dell.com/support
Dell Documentation	dell.com/support/manuals

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