# Dell Networking W-Series Instant Access Point Quick Start Guide

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

### Dell W-Instant UI

Dell W-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 Dell W-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 instant.dell-pcw.com
- 3. Log in to the Dell W-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. 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-ROW (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 Dell W-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 Dell W-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 Dell W-Instant UI, perform the following steps:

1. From the Dell W-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 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 network, use the Dell W-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	ENETO: 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	ENETO: Indicates uplink connection. ENET1: Indicates wired downlink connection.  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-IAP155/155P		
W-IAP224/225	ENETO: 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-IAP114/115	ENET: Indicates uplink connection.	

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

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

- 1. Log in to the Dell W-Instant UI with the administrator credentials.
- 2. Click the **Maintenance** link at the top right corner of the Dell W-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 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 Dell W-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 Access Point User Guide.

### Contacting Dell

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

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