

AOS-W Instant

Quick Start Guide

This Quick Start Guide assists you to quickly connect and configure AOS-W Instant. To learn more about AOS-W Instant and for detailed configuration information, see *AOS-W Instant User Guide*.

Getting Started

Unpack and Power on OAW-IAP

After unpacking the Instant Access Point (OAW-IAP), check the power requirements and connect the OAW-IAP.



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

Connect

To connect the OAW-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

OAW-IAPs can be provisioned automatically, through OmniVista 3600 or by manually connecting to a provisioning network. Use the following methods based on your OAW-IAP provisioning requirements.

Functional OAW-IAP in the Network

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

OmniVista 3600

If OmniVista 3600 is deployed to manage the network, wait for the radio LEDs to turn green.



The OAW-IAPs boot with factory default configuration and will try to provision automatically. If the automatic provisioning is successful, the instant SSID will not be available. If OmniVista 3600 is not reachable and the automatic provisioning fails, the instant SSID becomes available and the users can connect to a provisioning network by using the instant SSID.

AOS-W Instant UI

AOS-W Instant user interface is a standard web-based interface that allows you to configure and monitor an OAW-IAP network.

To start using the AOS-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 <http://instant.alcatel-lucent.com>.
3. Log in to the AOS-W Instant UI with **admin** and **admin** as username and password respectively.



Alcatel-Lucent recommends that you change the administrator credentials after the initial configuration. For more information, see the *Management Authentication Settings* section in *AOS-W Instant User Guide*.

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



The **Country Code** window is displayed only when the OAW-IAP-ROW (Rest of World) variants are installed. The country code setting is not applicable to the OAW-IAPs designed for US, Japan, and Israel.

5. If the AOS-W Instant UI is used for managing OAW-IAPs, proceed to [Creating a Wireless Network](#). If OmniVista 3600 is deployed for managing the network, perform the following steps.
 - a. Navigate to **System>Admin**. The window with the OmniVista 3600 configuration options is displayed.
 - b. In the **OmniVista 3600** section, enter the **Shared Key** and OmniVista 3600 IP details. Contact your local network administrator to obtain these details.

Creating a Wireless Network

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

1. From the AOS-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 *AOS-W Instant User Guide*.

Verifying the Operating Status

After the AP initialization and configuration, use the LEDs to verify that both radios are active. The following table lists the Ethernet ports available on an OAW-IAP and the corresponding status indication:

Table 1 Ethernet Ports

OAW-IAP Model	Ethernet Ports
OAW-IAP134/135	ENET0: Indicates uplink connection. ENET1: Indicates wired downlink connection.
OAW-RAP3WN/3WNP	E0: Indicates uplink connection E1 and E2: Indicate wired downlink connection. NOTE: The E2 port on RAP-3WNP supports Power Sourcing Equipment (PSE) to supply power to any compliant 802.3af powered (class 0-4) device.
OAW-RAP108/109	ENET0: Indicates uplink connection. ENET1: Indicates wired downlink connection.
OAW-RAP155/155P	E0: Indicates uplink connection E1, E2, E3, and E4: Indicate wired downlink connection. NOTE: The RAP-155P 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).
OAW-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, ENET 1 will not work.

Table 1 Ethernet Ports

OAW-IAP Model	Ethernet Ports
OAW-IAP274/275 OAW-IAP277 OAW-IAP228	The OAW-IAP274/275, OAW-IAP277, and OAW-IAP228 devices are equipped with two Gigabit Ethernet ports that 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.
OAW-IAP114/115 OAW-IAP103	ENET: Indicates uplink connection.
OAW-IAP204/205	ENET: Indicates uplink connection.
OAW-IAP214/215	ENET: Indicates uplink connection.
OAW-IAP324/325	The OAW-IAP324/325 series access points are equipped with two Gigabit Ethernet ports. The devices have two LEDs to indicate the system and radio status.



The OAW-IAP205H device does not display Ethernet link status, but includes two LED indicators that display AP status and the POE PSE power status

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

Verifying Status Using AOS-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*.
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 AOS-W Instant UI with the administrator credentials. The **instant** provisioning network is automatically deleted and will no longer be available.

Converting an OAW-IAP

An OAW-IAP can be converted to operate as a Campus AP or Remote AP managed by an OmniAccess WLAN Switch.

To convert an OAW-IAP through the AOS-W Instant UI, perform the following steps:

1. Log in to the AOS-W Instant with the administrator credentials.
2. Click the **Maintenance** link at the top right corner of the AOS-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 OmniAccess WLAN Switch.
6. Click **Convert Now**. The OAW-IAP reboots and begins operating in the mode that you configured.

To convert an OAW-IAP to Instant mode, manually reset the OAW-IAP.



To reset an OAW-IAP, press and hold the reset button using a small and narrow object such as a paper clip. Power on the OAW-IAP without releasing the reset button. The power LED flashes within five seconds indicating that the reset is completed.

For more information, see the *AOS-W Instant User Guide*.

Contacting Support

Contact Center Online	
• Main Site	http://www.alcatel-lucent.com/enterprise
• Support Site	https://service.esd.alcatel-lucent.com
• Email	esd.support@alcatel-lucent.com
Service & Support Contact Center Telephone	
• North America	1-800-995-2696
• Latin America	1-877-919-9526
• Europe	+800 00200100 (Toll Free) or 1-650-385-2193
• Asia Pacific	+65 6240 8484
• Worldwide	1-818-878-4507

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