

Aruba Instant

Quick Start Guide

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

Getting Started

Unpack and Power on IAP

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



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

Connect

To connect the 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

IAPs can be provisioned automatically, through AirWave or Aruba Central, or by manually connecting to an existing provisioning network. Based on your IAP provisioning requirements, use the following methods.

Functional IAP in the Network

To automatically configure an IAP, check if your network has an IAP that is configured and operational. If you have a configured IAP in your network, connect the new IAP to the same VLAN or subnet.

Aruba AirWave and Aruba Activate

If both Aruba Activate and Aruba AirWave are deployed to manage the network, wait for the radio LEDs to turn green.

Aruba Central

If you have subscribed for Central:

- Go to <https://portal.central.arubanetworks.com> and log in with your user credentials.
- Connect your AP to the wired network.
- Complete the AP configuration through the Central portal.



The 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 AirWave and Activate, or Central are 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.

Instant UI

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

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

- Using a wireless client, scan the wireless networks and connect to the **instant** SSID.
- Using a web browser, go to <http://instant.arubanetworks.com>.
- Log in to the Instant UI with **admin** and **admin** as username and password respectively.



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

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



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

- If the Instant UI is used for managing IAPs, proceed to [Creating a Wireless Network](#). If AirWave is deployed for managing the network, perform the following steps.
 - Click **Set Up Now** at the bottom of the Instant UI to configure AirWave. The **System** window appears.
 - 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 Instant UI, perform the following steps:

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

- 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 *Aruba Instant User Guide*.

Verifying the Operating Status

After setting up an IAP and creating a wireless networks, 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 an IAP and the corresponding status indication:

Table 1 *Ethernet Ports*

IAP Model	Ethernet Ports
IAP-134/135	ENET0: Indicates uplink connection. ENET1: Indicates wired downlink connection.
RAP-3WN/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.
RAP-108/109	ENET0: Indicates uplink connection. ENET1: Indicates wired downlink connection.
RAP-155/155P	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).
IAP-204/205	ENET: Indicates uplink connection.

Table 1 Ethernet Ports

IAP Model	Ethernet Ports
IAP-214/215	ENET: Indicates uplink connection.
IAP-224/225	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.
IAP-274/275 IAP-277 IAP-228	The IAP-274/275, IAP-277, and IAP-228 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.
IAP-114/115 IAP-103	ENET: Indicates uplink connection.



IAP-205H 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 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.
- 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 an IAP

You can convert an IAP to operate as a Campus AP or Remote AP managed by an Aruba Mobility Controller. To convert an 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 Mobility Controller.
- 6. Click **Convert Now**. The IAP reboots and begins operating in the mode that you configured.

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



To reset an IAP, press and hold the reset button using a small and narrow object such as a paper clip. 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 IAP conversion process, see the *Aruba Instant User Guide*.

Contacting Support

Main Site	http://www.arubanetworks.com
Support Site	https://support.arubanetworks.com
Airheads Social Forums and Knowledge Base	community.arubanetworks.com
North American Telephone	1-800-943-4526 (Toll Free) 1-408-754-1200
International Telephones	arubanetworks.com/support-services/aruba-support-program/contact-support/
Software Licensing Site	licensing.arubanetworks.com/login.php
Wireless Security Incident Response Team (WSIRT)	arubanetworks.com/support/wsirt.php
Support Email Addresses	
Americas and APAC	support@arubanetworks.com
EMEA	emea.support@arubanetworks.com
Americas and APAC Support Email	support@arubanetworks.com
WSIRT Email Please email details of any security problem found in an Aruba product.	wsirt@arubanetworks.com

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http://www.arubanetworks.com/open_source

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