

# Aruba Central On-Premises

## 2.5.5

### Migration Guide

**aruba**

a Hewlett Packard  
Enterprise company

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This document provides instructions for migrating the resources of an AirWave server to an Aruba Central On-Premises server.

### Intended Audience

This guide is intended for system administrators who configure and monitor their network using Aruba Central to install a Aruba Central On-Premises. For more information, see *Aruba Central On-Premises Installation Guide Technotes*.

### Related Documents

Aruba Central On-Premises product documentation includes the following documents:

- *Aruba Central On-Premises Installation and Setup Guide*
- *Aruba Central On-Premises User Guide*
- *Aruba Central On-Premises Migration Guide*
- *Aruba Central On-Premises API Reference Guide*
- *Aruba Central On-Premises Release Notes*

### Conventions

The following conventions are used throughout this guide to emphasize important concepts:

**Table 1:** *Typographical Conventions*

Type Style	Description
<i>Italics</i>	This style is used to emphasize important terms and to mark the titles of books.
System items	This fixed-width font depicts the following: <ul style="list-style-type: none"><li>■ Sample screen output</li><li>■ System prompts</li></ul>
<b>Bold</b>	<ul style="list-style-type: none"><li>■ Keys that are pressed</li><li>■ Text typed into a GUI element</li><li>■ GUI elements that are clicked or selected</li></ul>

The following informational icons are used throughout this guide:



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Indicates helpful suggestions, pertinent information, and important things to remember.

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Indicates a risk of damage to your hardware or loss of data.

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Indicates a risk of personal injury or death.

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## Contacting Support

**Table 2:** *Contact Information*

Main Site	<a href="http://arubanetworks.com">arubanetworks.com</a>
Support Site	<a href="http://asp.arubanetworks.com">asp.arubanetworks.com</a>
Airheads Social Forums and Knowledge Base	<a href="http://community.arubanetworks.com">community.arubanetworks.com</a>
North American Telephone	1-800-943-4526 (Toll Free) 1-408-754-1200
International Telephone	<a href="http://arubanetworks.com/support-services/contact-support/">arubanetworks.com/support-services/contact-support/</a>
Software Licensing Site	<a href="http://lms.arubanetworks.com">lms.arubanetworks.com</a>
End-of-life Information	<a href="http://arubanetworks.com/support-services/end-of-life/">arubanetworks.com/support-services/end-of-life/</a>
Security Incident Response Team	Site: <a href="http://arubanetworks.com/support-services/security-bulletins/">arubanetworks.com/support-services/security-bulletins/</a> Email: <a href="mailto:aruba-sirt@hpe.com">aruba-sirt@hpe.com</a>

## Important Information for Migration

The following are the requirements and guidelines for the migration process:

- The AirWave system must be running a minimum AirWave version of 8.2.8.2 for the migration to proceed. If the AirWave system is running an earlier version, refer to the AirWave documentation to upgrade the version to 8.2.8.2 or later versions.
- Only those APs, controllers, and switches that are supported in Aruba Central On-Premises are migrated. For information on supported hardware, see *Supported Devices* section.
- As part of migration, Visual RF and the device inventory for CAPs, IAPs, controllers, and Aruba/HPE switches are migrated.
- For controllers, the device credentials for SNMP and HTTPS profiles are mapped.
- Migration of multiple AirWave systems to a single Aruba Central On-Premises server is supported. That is, you can migrate multiple AirWave systems to Aruba Central On-Premises by adding the IP addresses or **AMP Hostnames** of each AirWave system individually.
- All the historical data including data related to reports, monitoring, and stats are not migrated from Airwave to Aruba Central On-Premises during the migration process.
- Templates are not migrated from Airwave to Aruba Central On-Premises during the migration process. You must manually create a new template in Aruba Central On-Premises based on the requirement.
- All data related to VisualRF is migrated from Airwave to Aruba Central On-Premises during the migration process.

## Accessing Aruba Central On-Premises

The Dashboard gives you access to the feature application card, Aruba Central On-Premises added to your account. After launching the application, you can interact and use it through HPE GreenLake.

To launch the Aruba Central On-Premises app, perform the following steps.

1. From the HPE GreenLake home page, Aruba Central On-Premises is available on the Dashboard.
2. Click Launch on the Aruba Central On-Premises tile to launch the application.

# Aruba Central (On-Premise)

Network management system designed to simplify the deployment and maintenance of Aruba wired and wireless infrastructure at scale

**Launch**

[View Networking Products](#)

# Logging Aruba Central On-Premises

To log out of Aruba Central On-Premises, complete the following steps:

1. On the Aruba Central On-Premises WebUI, click the user icon (👤) in the header pane.
2. Click **Logout**.

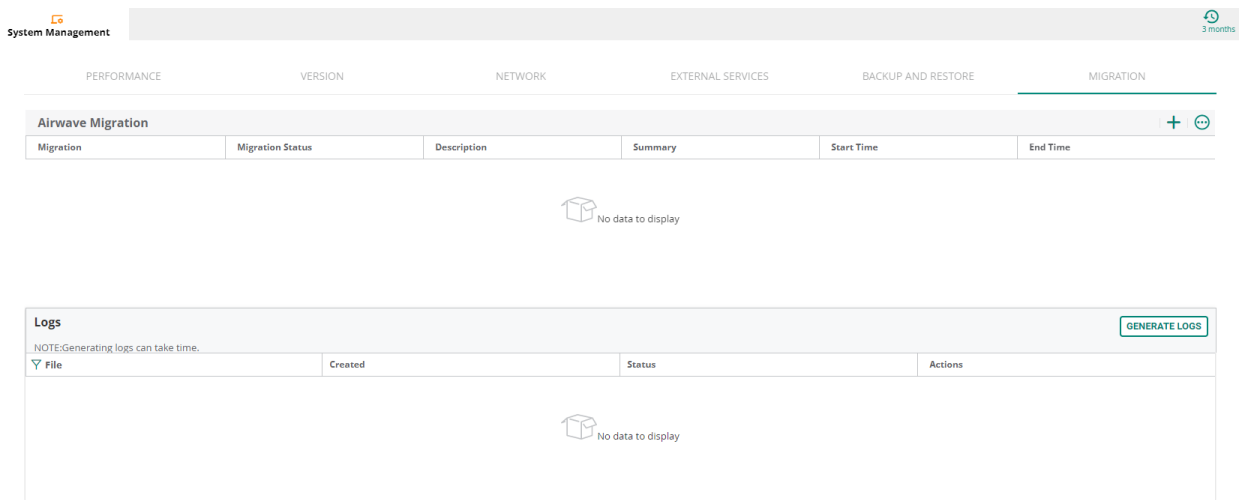
## Accessing the Migration Page

To access the **Migration** page, complete the following steps:

1. In the **Aruba Central On-Premises** app, set the filter to **Global**.
2. Under **Maintain**, click **System Management**.
3. Click the **Migration** tab.  
The **Migration** page is displayed.
4. Click the **Migration** tab at the top right corner of the table to add a new migration task.  
For more information, see [Performing the Migration](#).

The following image displays the **Migration** page.

**Figure 1** Viewing the Migration Page



The following table provides **Airwave Migration** parameter details.

**Table 3:** Migration Parameters

Name	Description
<b>Migration</b>	FQDN or IP address of the AMP server.
<b>Migration Status</b>	Indicates the current status of the migration. For example, Migration Success, Waiting to start migration, or Migration Failed.
<b>Description</b>	Provides a description of the current status of migration.
<b>Summary</b>	Provides a summary of the migration. Following are some of the messages displayed:



Name	Description
	<ul style="list-style-type: none"> <li>■ Number of devices existing on Aruba Central On-Premises</li> <li>■ Number of devices on AirWave 8.x</li> <li>■ Number of devices to migrate</li> <li>■ Number of devices successfully migrated</li> <li>■ Number of devices failed to migrate</li> </ul>
<b>Start Time</b>	Displays the start time of the migration.
<b>End Time</b>	Displays the end time of the migration.

## Migration Status

In the **Airwave Migration** table, the **Status** column displays the following list of migration status:

- Waiting to start migration
- Migration Stopped
- Migration Started
- AW8.X generating migration dump
- AW8.X migration dump is ready
- COP migration is in progress
- Migration Success
- Migration Failed

## Migration Descriptions

In the **Airwave Migration** table, the **Description** column displays the following list of migration status:

- Migration of AMP not started
- Starting migration of AMP to COP
- Connecting to AMP
- Could not establish connection to AMP
- Could not prepare backup on AMP
- Waiting for AMP backup to be prepared
- AMP backup not prepared after 2 hrs, please check AMP logs
- AMP backup is ready for download from AMP
- AMP backup is being downloaded to COP
- AMP backup download failed
- AMP backup downloaded successfully
- Restoring AMP backup in COP
- AMP version not supported for migration
- Migrating devices to COP Migrating profiles to COP
- Checking for VRF data to migrate VRF migration in progress
- Migration of VRF data failed VRF
- Migration did not complete after 2 hrs, please check the VRF logs
- Migration of AMP completed successfully, VRF data not found
- Migration was terminated abruptly, please retry migration

- Migration of AMP completed successfully
- Exception occurred during migration, please check the logs
- Another system operation is active, retry after sometime



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During the migration process, a new AMP back up is created in AirWave and transferred to the Aruba Central On-Premises. The scheduled nightly backup is independent of the backup operation performed as a part of the migration process.

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## Performing the Migration

For performing the migration, you need to add the AirWave server that is running the older software version to Aruba Central.

Aruba Central On-Premises supports both offline and online migration.

### Online Migration

Aruba Central On-Premises establishes a connection with AirWave to perform an online migration of the onboarded devices and VisualRF data from AirWave to Aruba Central On-Premises.

To perform an online migration, complete the following steps with active internet connection:

1. In the **Aruba Central On-Premises** app, set the filter to **Global**.
2. Under **Maintain**, click **System Management**.
3. Click the **Migration** tab.  
The **Migration** page is displayed.
4. Click **+** in the **Airwave Migration** table.  
The **Add Migration** window is displayed.
5. In the **Add Migration** window, select the **Online Migration** option.
6. Enter the following details:
  - **Hostname or IP Address**—Enter the IP address of the AirWave Management Platform (AMP).
  - **AMP User name**—During the migration process, a new AMP back up is created in AirWave and transferred to the Aruba Central On-Premises. The scheduled nightly backup is independent of the backup operation performed as a part of the migration process.
  - **Password**—Enter the password associated with the administrative account.
  - **Confirm password**—Re-enter the password.
7. Click **Save** to start the migration process.

The following image displays the online migration of the AirWave server using the hostname of the AMP server.

**Figure 2** *Online Migration using Hostname*

The screenshot shows a web form titled "ADD MIGRATION". At the top, there are two radio button options: "Online Migration" (which is selected, indicated by an orange dot) and "Offline Migration". Below these are four input fields, each with a label and a horizontal line for text entry. The first field is labeled "Hostname or IP Address" and contains a greyed-out placeholder. The second field is labeled "AMP User name" and also contains a greyed-out placeholder. The third field is labeled "Password" and contains seven dots. The fourth field is labeled "Confirm password" and contains seven dots. At the bottom right of the form, there are two buttons: a white button with a green border labeled "CANCEL" and a solid green button labeled "SAVE".

The following image displays the online migration of the AirWave server using the IP address of the AMP server.

**Figure 3** Online Migration using IP Address

**ADD MIGRATION**

Online Migration  Offline Migration




Hostname or IP Address

AMP User name

Password

Confirm password

CANCEL SAVE

- You can add multiple IP addresses to migrate from multiple AirWave servers to one Aruba Central On-Premises server. In this case, each AMP will be migrated sequentially.
- You can not delete an AMP when the migration is in-progress.
- In the **Airwave Migration** table, the , , and  icons allow you to edit, restart, and delete the migration.
- All system operations are disabled until the active system operation is complete. The migration, backup and restore, high availability processes, and the upgrade operations are the system operations in Aruba Central On-Premises



## Offline Migration

Aruba Central On-Premises performs an offline migration of the onboarded devices and VisualRF data from AirWave to Aruba Central On-Premises by uploading the backup file that was earlier downloaded from AirWave.

Offline Migration is also called as the Inplace Migration. The user need not have the AirWave server up and running for an offline migration. Offline migration is required when the user wants to deploy Aruba Central

On-Premises on the same AirWave server. The advantage of an offline migration is that the user can onboard all the devices to Aruba Central On-Premises from AirWave in a single operation.

In offline migration, the Aruba Central On-Premises is installed on the servers where the AMP is operational.



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The minimum supported version for the migration is AirWave 8.2.8.2.

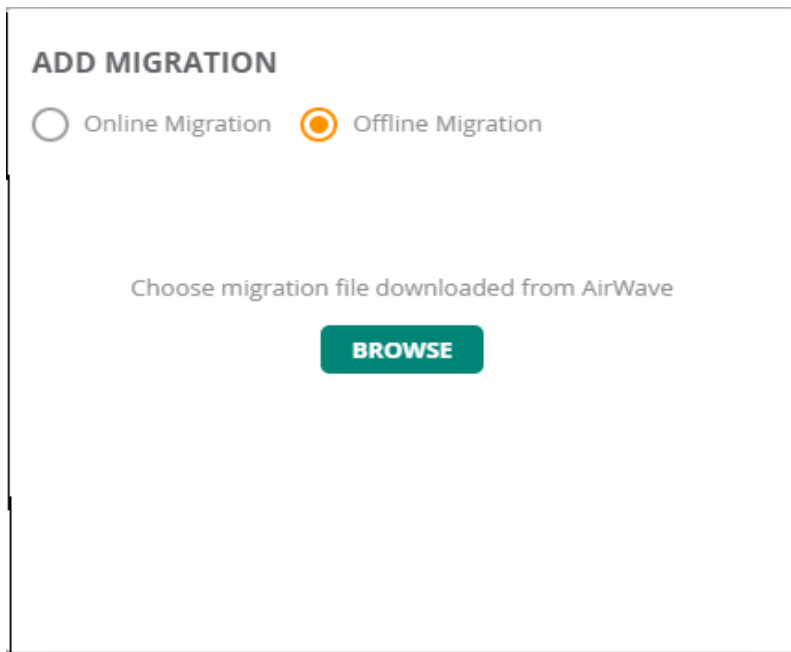
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To perform an offline migration, complete the following steps:

1. In the **Aruba Central On-Premises** app, set the filter to **Global**.
2. Under **Maintain**, click **System Management**.
3. Click the **Migration** tab.  
The **Migration** page is displayed.
4. Click **+** in the **Airwave Migration** table.  
The **Add Migration** window is displayed.
5. In the **Add Migration** window, select the **Offline Migration** option.
6. Browse to the location to choose the migration file that was downloaded from AirWave.
7. Click **Save** to start the migration process.

The following images displays the offline migration of the AirWave server.

**Figure 4** *Offline Migration*



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- In the **Airwave Migration** table, the  icon allows you to delete the migration.
  - You must not refresh the page when the upload is in-progress.
-

## Validating the Migration Process

After you click **Save** on the migration window, the migration process starts. If multiple AMPs are added, each AMP will be migrated sequentially.

The following image displays the offline migration main components of the **Migration** page.

**Figure 5** Screen Capture of Offline Migration

PERFORMANCE      VERSION      NETWORK      EXTERNAL SERVICES      BACKUP AND RESTORE      **MIGRATION**

All system operations will be disabled till the active system operation is complete.

Airwave Migration (1)			
Migration	Migration Status	Description	Summary
ump_birscale.arubathena.com.tar.gz	COP migration is in progress	Restoring AMP backup in COP	-

**LOGS** GENERATE LOGS

NOTE:Generating logs can take time.

FILE	CREATED	STATUS	ACTIONS
Migration file uploaded successfully			

**Figure 6** Screen Capture of a successful Migration

PERFORMANCE      VERSION      NETWORK      EXTERNAL SERVICES      BACKUP AND RESTORE      **MIGRATION**

Airwave Migration (1)			
Migration	Migration Status	Description	Summary
aw8_migration_dump_birscale.arubathena.com.tar.gz	Migration Success	Migration of AMP completed successfully	Devices existing on COP: IAP(1), Switch(1), CAP(2) Aruba de...

**Logs** GENERATE LOGS

NOTE:Generating logs can take time.

File	Created	Status	Actions
migration-plain-1m-1605771003	Nov 19, 2020, 13:00	DOWNLOAD READY	Download Icon
migration-plain-1m-1605783700	Nov 19, 2020, 16:31	DOWNLOAD READY	Download Icon
migration-plain-1m-1605783661	Nov 19, 2020, 16:31	DOWNLOAD READY	Download Icon
migration-plain-1m-1605770757	Nov 19, 2020, 12:55	DOWNLOAD READY	Download Icon




- During the migration process, a fresh AMP back up is created in AirWave 8.x and transferred to Aruba Central On-Premises. The scheduled nightly backup is not performed as a part of the migration process.
- The default time out period for the backup process during the migration is **120 minutes**.

## Logs

The **Logs** table displays all the logs related to the migrations that are either complete or failed.

You can generate the log files in one of the following ways:

- In the **System Management > Migration > Logs** table, click **Generate Logs** to create the log files.
- In the **System Management > Performance > Service Monitoring** table, select the deployment service and click the  icon.











The log files that are generated contains the cumulative data of all the AMP migrations.



- You can view the device migration POD logs from the Aruba Central On-Premises backend or from the Aruba Central On-Premises UI.
- The VisualRF migration POD logs are available in one of the Aruba Central On-Premises cluster node and can be viewed in the `/var/log/visualrf` path.



The following image displays the **Logs** table.

**Figure 7** Log Files

LOGS							<a href="#">GENERATE LOGS</a>
NOTE: Generating logs can take time.							
FILE	IP	CREATED	IP	STATUS	IP	ACTIONS	
migration-plain-1m-1591867996		Jun 11, 2020, 15:03		DOWNLOAD READY		 	
migration-plain-1m-1591868005		Jun 11, 2020, 15:03		DOWNLOAD READY		 	
migration-plain-1m-1593511280		Jun 30, 2020, 15:31		DOWNLOAD READY		 	
migration-plain-1m-1591772020		Jun 10, 2020, 12:23		DOWNLOAD READY		 	
migration-plain-1m-1593511213		Jun 30, 2020, 15:30		DOWNLOAD READY		 	

The following table provides the **Logs** information.

**Table 4:** Logs Table

Name	Description
<b>File</b>	Name of the log file.
<b>Created</b>	The date and time when the log file is created.
<b>Status</b>	Indicates the status of the logs that are generated. The status indicated is <b>Download Ready</b> , <b>In Progress</b> , <b>Successful</b> , or <b>Failed</b> .
<b>Action</b>	Enables you to perform the following actions: <ul style="list-style-type: none"> <li>■ Click the  icon to download the log files. The files are then saved to the local drive as a TAR file.</li> <li>■ Click the  icon to delete the log files.</li> </ul>

After the migration completes, verify that your onboarded devices and the associated or applicable device credentials are migrated correctly. The following resources are migrated:

- Onboarded devices for Remote APs, Campus APs, Instant APs, controllers, and switches.
- For controllers, the device credentials for SNMP and HTTPS profiles.



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The HTTPS profile remains blank, if the user does not enter the ssh credentials of the controller on the AMP at the time of migration.

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### Post-Migration Setup

Ensure to configure the migrated devices to the Aruba Central On-Premises server to ensure successful transfer of data or AMON traffic between the device and the Aruba Central On-Premises server. The devices must be mapped to the cluster IP Aruba Central On-Premises server. Prior to the migration process, the controllers were mapped to the AirWave server.

Prior to the migration process, the DHCP server points to the AirWave server. Once the migration process is completed, ensure that the DHCP server is pointed to the Aruba Central On-Premises server.

### Migrating the VisualRF Floor Plans

All the AirWave VisualRF buildings, floors, and AP locations are migrated. The buildings from the AirWave VisualRF is migrated as sites in Aruba Central On-Premises.

To view the VisualRF information at a site level, complete the following steps:

1. In the Aruba Central On-Premises app, set the filter to a site for which you want to view the floor plans.  
The dashboard context for the site is displayed.
2. Under **Manage**, click **Overview > Floor Plan**.  
By default, the **Floor Plan** dashboard with all floors is displayed in the summary view.



This section provides the following information:

- [Supported APs Platforms](#)
- [Supported AOS-S Platforms](#)
- [Supported AOS-CX Platforms](#)
- [Supported Aruba Mobility Controllers](#)

## Supported APs Platforms

Aruba Central On-Premises supports following types of Aruba access points (APs).

- **Instant APs**—The Instant Access Point (IAP) based WLAN solution consists of a cluster of access points in a Layer 2 subnet. The IAPs serve a dual role as both Virtual Controller (VC) and member APs. The IAP WLAN solution does not require a dedicated controller hardware and can be deployed through a simplified setup process appropriate for smaller organizations, or for multiple geographically dispersed locations without an on-site administrator. IAPs run on the Aruba Instant. Aruba Central On-Premises supports both monitoring and management of IAPs. With Aruba Central On-Premises, network administrators can configure, monitor, and troubleshoot IAP WLANs, upload new software images, monitor devices, generate reports, and perform other vital management tasks from remote locations.
- **Campus APs**—The Campus Access Point (CAP)s are used in private networks where APs connect over private links (LAN, WLAN, WAN, or MPLS) and terminate directly on controllers. Campus APs are deployed as part of the indoor campus solution in enterprise office buildings, warehouses, hospitals, universities, and so on. Aruba Central On-Premises supports only onboarding and monitoring the Campus APs.
- **Remote APs** The Remote Access Point (RAP)s allows AP users at remote locations to connect to an Aruba controller over the Internet. Since the Internet is involved, data traffic between the controller and the remote AP is VPN encapsulated. That is the traffic between the controller and AP is encrypted. Remote AP operations are supported on all of Aruba APs.

### Supported AP

Aruba Central On-Premises supports the following AP platforms and Aruba Instant software versions:

**Table 5:** *Supported AP Platforms*

AP Platform	Installation Mode	Latest Validated Aruba Instant Software Version
AP-587	Outdoor	8.10.0.0
AP-585	Outdoor	8.10.0.0
AP-584	Outdoor	8.10.0.0

AP Platform	Installation Mode	Latest Validated Aruba Instant Software Version
AP-375ATEX	Outdoor	8.8.0.0
AP-655	Indoor	8.10.0.0
AP-635	Indoor	8.9.0.0
AP-567EX	Outdoor	8.7.1.0
AP-567	Outdoor	8.7.1.0
AP-565EX	Outdoor	8.7.1.0
AP-565	Outdoor	8.7.1.0
AP-503H	Indoor	8.7.1.0
AP-577EX	Outdoor	8.7.0.0
AP-577	Outdoor	8.7.0.0
AP-575EX	Outdoor	8.7.0.0
AP-575	Outdoor	8.7.0.0
AP-574	Outdoor	8.7.0.0
AP-518	Indoor	8.7.0.0
AP-505H	Indoor	8.7.0.0
AP-505	Indoor	8.6.0.0
AP-504	Indoor	8.6.0.0
AP-535	Indoor	8.6.0.7 8.5.0.0
AP-534	Indoor	8.6.0.7 8.5.0.0
AP-515	Indoor	8.6.0.7 8.4.0.0
AP-514	Indoor	8.6.0.7 8.4.0.0
AP-555	Indoor	8.5.0.0
AP-387	Outdoor	8.4.0.0
AP-303P	Indoor	8.4.0.0
AP-377EX	Outdoor	8.3.0.0

AP Platform	Installation Mode	Latest Validated Aruba Instant Software Version
AP-377	Outdoor	8.3.0.0
AP-375EX	Outdoor	8.3.0.0
AP-375	Outdoor	8.3.0.0
AP-374	Outdoor	8.3.0.0
AP-345	Indoor	8.3.0.0
AP-344	Indoor	8.3.0.0
AP-318	Indoor	8.3.0.0
AP-303	Indoor	8.3.0.0
AP-203H	Indoor	8.3.0.3 6.5.4.8 6.5.3.7
AP-367	Outdoor	8.3.0.3 6.5.4.8 6.5.3.7
AP-365	Outdoor	8.3.0.3 6.5.4.8 6.5.3.7
AP-303HR	Indoor	6.5.2.0
AP-303H	Indoor	8.3.0.3 6.5.4.8 6.5.3.7
AP-203RP	Indoor	8.3.0.3 6.5.4.8 6.5.3.7
AP-203R	Indoor	8.3.0.3 6.5.4.8 6.5.3.7
IAP-305	Indoor	8.3.0.3 6.5.4.8 6.5.3.7
IAP-304	Indoor	8.3.0.3 6.5.4.8 6.5.3.7
IAP-207	Indoor	8.3.0.3 6.5.4.8 6.5.3.7
IAP-335	Indoor	8.3.0.3 6.5.4.8

AP Platform	Installation Mode	Latest Validated Aruba Instant Software Version
		6.5.3.7
IAP-334	Indoor	8.3.0.3 6.5.4.8 6.5.3.7
IAP-315	Indoor	8.3.0.3 6.5.4.8 6.5.3.7
IAP-314	Indoor	8.3.0.3 6.5.4.8 6.5.3.7
IAP-325	Indoor	8.3.0.3 6.5.4.8 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-324	Indoor	8.3.0.3 6.5.4.8 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-277	Outdoor	6.5.4.3 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-228	Indoor	6.5.4.3 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-205H	Indoor	6.5.4.8 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-215	Indoor	6.5.4.3 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-214	Indoor	6.5.4.3 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-205	Indoor	6.5.4.8 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0

AP Platform	Installation Mode	Latest Validated Aruba Instant Software Version
IAP-204	Indoor	6.5.4.8 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-275	Outdoor	6.5.4.3 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-274	Outdoor	6.5.4.3 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-103	Indoor	6.5.4.8 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-225	Indoor	6.5.4.3 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-224	Indoor	6.5.4.3 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-115	Indoor	6.5.4.8 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0
IAP-114	Indoor	6.5.4.8 6.5.3.7 6.4.4.8-4.2.4.10 6.4.3.4-4.2.1.0

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- IAP-214, IAP-215, IAP-224, IAP-225, IAP-228, IAP-274, IAP-275, and IAP-277 IAPs are no longer supported from Aruba Instant 8.7.0.0 onwards.
  - IAP-103, IAP-114, IAP-115, IAP-204, IAP-205, and IAP-205H IAPs are no longer supported from Aruba Instant 8.3.0.0 onwards.
  - By default, AP-318, AP-374, AP-375, and AP-377 IAPs have Eth1 as the uplink port and Eth0 as the downlink port. Aruba does not recommend you to upgrade these IAPs to Aruba Instant 8.5.0.0 or 8.5.0.1 firmware versions, as the upgrade process changes the uplink port from Eth1 to Eth0 port thereby making the devices unreachable.
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## Supported Campus APs and Remote APs

Aruba Central On-Premises supports the following Campus AP and Remote AP platforms and ArubaOS software versions:

AP Platform	Latest Validated ArubaOS Software Versions
AP-655	8.10.0.0
AP-635	8.9.0.0
AP-567EX	8.9.0.0 8.8.0.0
AP-565EX	8.9.0.0 8.8.0.0
AP-505HR	8.9.0.0 8.8.0.0
AP-503HR	8.9.0.0 8.8.0.0
AP-375EX	8.9.0.0 8.8.0.0
AP-228	8.9.0.0 8.8.0.0
AP-207	8.9.0.0 8.8.0.0
AP-577EX	8.7.1.0 8.6.0.7
AP-577	8.7.1.0 8.6.0.7
AP-575EX	8.7.1.0 8.6.0.7
AP-575	8.7.1.0 8.6.0.7
AP-574	8.7.1.0 8.6.0.7
AP-567	8.7.1.0
AP-565	8.7.1.0
AP-555	8.9.0.0 8.7.1.0 8.6.0.7
AP-518	8.7.1.0 8.6.0.7

AP Platform	Latest Validated ArubaOS Software Versions
AP-535	8.7.1.0 8.6.0.7
AP-534	8.7.1.0 8.6.0.7
AP-515	8.9.0.0 8.7.1.0 8.6.0.7
AP-514	8.7.1.0 8.6.0.7
AP-505H	8.7.1.0 8.6.0.7
AP-505	8.7.1.0 8.6.0.7
AP-504	8.7.1.0 8.6.0.7
AP-503H	8.7.1.0
AP-377EX	8.7.1.0 8.6.0.7 6.5.4.16
AP-377	8.7.1.0 8.6.0.7 6.5.4.16
AP-375	8.7.1.0 8.6.0.7 6.5.4.16
AP-374	8.7.1.0 8.6.0.7 6.5.4.16
AP-367	8.7.1.0 8.6.0.7 6.5.4.16
AP-365	8.7.1.0 8.6.0.7 6.5.4.16
AP-345	8.7.1.0 8.6.0.7
AP-344	8.7.1.0 8.6.0.7
AP-335	8.7.1.0 8.6.0.7 6.5.4.16

AP Platform	Latest Validated ArubaOS Software Versions
AP-334	8.7.1.0 8.6.0.7 6.5.4.16
AP-325	8.7.1.0 8.6.0.7 6.5.4.16
AP-324	8.7.1.0 8.6.0.7 6.5.4.16
AP-318	8.7.1.0 8.6.0.7
AP-315	8.7.1.0 8.6.0.7 6.5.4.16
AP-314	8.7.1.0 8.6.0.7 6.5.4.16
AP-305	8.7.1.0 8.6.0.7 6.5.4.16
AP-304	8.7.1.0 8.6.0.7 6.5.4.16
AP-303P	8.7.1.0 8.6.0.7
AP-303H	8.9.0.0 8.7.1.0 8.6.0.7
AP-303	8.7.1.0 8.6.0.7
AP-277	8.7.1.0 8.6.0.7 6.5.4.16
AP-275	8.7.1.0 8.6.0.7 6.5.4.16
AP-274	8.7.1.0 8.6.0.7 6.5.4.16
AP-225	8.7.1.0 8.6.0.7 6.5.4.16



AP Platform	Latest Validated ArubaOS Software Versions
AP-224	8.7.1.0 8.6.0.7 6.5.4.16
AP-215	8.7.1.0 8.6.0.7 6.5.4.16
AP-214	8.7.1.0 8.6.0.7 6.5.4.16
AP-205H	8.2.1.0 6.5.4.8 6.5.3.7
AP-205	8.7.1.0 8.6.0.7 6.5.4.16
AP-204	8.7.1.0 8.6.0.7 6.5.4.16
AP-203RP	8.7.1.0 8.6.0.7 6.5.4.16
AP-203H	8.7.1.0 8.6.0.7 6.5.4.16
AP-203R	8.7.1.0 8.6.0.7 6.5.4.16
AP-175P	8.7.1.0 8.6.0.7 6.5.4.16
AP-175DC	8.7.1.0 8.6.0.7 6.5.4.16
AP-175AC	8.7.1.0 8.6.0.7 6.5.4.16
AP-135	8.7.1.0 8.6.0.7 6.5.4.16
AP-134	8.7.1.0 8.6.0.7 6.5.4.16
AP-115	8.7.1.0

AP Platform	Latest Validated ArubaOS Software Versions
	8.6.0.7 6.5.4.16
AP-114	8.6.0.7 6.5.4.16
AP-104	8.7.1.0 8.6.0.7 6.5.4.16
AP-105	8.7.1.0 8.6.0.7 6.5.4.16
AP-103H	8.7.1.0 8.6.0.7 6.5.4.16
RAP-155P	6.3.0.0
RAP-155	6.3.0.0
RAP-109	6.3.0.0
RAP-108	6.3.0.0
RAP-3WN	6.1.4.0
RAP-3WNP	6.1.4.0

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- AP-635 and AP-655 IAPs are Wi-Fi 6E capable APs that support 6 GHz radio band, in addition to 2.4 GHz and 5 GHz radio bands.
  - The tri-radio feature is available only for AP-555. In the **5 GHz** tab, the **Radio 5 GHz (Secondary)** data is available only if the tri-radio mode is enabled. For more information, see **About Tri-Radio Mode** section in the latest Aruba Central On-Premises user guide.
  - For more information about Aruba's End-of-life policy and the timelines for hardware and software products at the end of their lives, see: <https://www.arubanetworks.com/support-services/end-of-life/>
  - Data sheets and technical specifications for the supported AP platforms are available at: <https://www.arubanetworks.com/products/networking/access-points/>
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NOTE

## Supported Aruba Mobility Controllers

Aruba Central On-Premises supports provisioning, management, and monitoring of the following Aruba Mobility Controllers.

The following table lists the supported Mobility Controllers and latest validated software versions.

**Table 6:** *Supported Devices and Software Versions*

Supported Device	Latest Validated Software Versions
<ul style="list-style-type: none"><li>■ Aruba 7000 Series Mobility Controllers</li><li>■ Aruba 7200 Series Mobility Controllers</li></ul>	<ul style="list-style-type: none"><li>■ 8.10.0.0</li><li>■ 8.9.0.0</li><li>■ 8.8.0.0</li><li>■ 8.7.1.0</li><li>■ 8.6.0.7</li><li>■ 6.5.4.16</li></ul>
<p><b>NOTE:</b></p> <ul style="list-style-type: none"><li>■ Controllers running ArubaOS 6.5.4.8 software image do not support WebSocket connection. You must manually add these controllers to Aruba Central.</li><li>■ The minimum software version required for monitoring controller clusters and Mobility Conductor managed networks is ArubaOS 8.2.1.0.</li></ul>	

## Supported AOS-S Platforms

- To manage your AOS-S switches using Aruba Central On-Premises, ensure that the switch software is upgraded to 16.09.0010 or a later version. However, if you already have switches running lower software versions in your account, you can continue to manage these devices from Aruba Central On-Premises.
- Changing AOS-S switches firmware from latest version to earlier major versions is not recommended if the switches are managed in UI groups. For features that are not supported or not managed in Aruba Central On-Premises on earlier AOS-S versions, changing firmware to earlier major versions might result in loss of configuration.



The following tables list the switch platforms, corresponding software versions supported in Aruba Central On-Premises, and switch stacking details.

**Table 7: Supported AOS-S Switch Series, Software Versions, and Switch Stacking**

Switch Platform	Supported Software Versions	Recommended Software Versions	Switch Stacking Support	Supported Stack Type (Frontplane (VSF) / Backplane (BPS))	Supported Configuration Group Type for Stacking (UI / Template)
Aruba 2540 Switch Series	<ul style="list-style-type: none"> <li>■ YC.16.08.0019 or later</li> <li>■ YC.16.09.0015 or later</li> <li>■ YC.16.10.0012 or later</li> <li>■ YC.16.11.002</li> </ul>	<ul style="list-style-type: none"> <li>■ YC.16.08.0023 or later</li> <li>■ YC.16.09.0018 or later</li> <li>■ YC.16.10.0016 or later</li> <li>■ YC.16.11.0002</li> </ul>	N/A	N/A	N/A
Aruba 2930F Switch Series	<ul style="list-style-type: none"> <li>■ WC.16.08.0019 or later</li> <li>■ WC.16.09.0015 or later</li> <li>■ WC.16.10.0012 or later</li> <li>■ WC.16.11.002</li> </ul>	<ul style="list-style-type: none"> <li>■ WC.16.08.0023 or later</li> <li>■ WC.16.09.0018 or later</li> <li>■ WC.16.10.0016 or later</li> <li>■ WC.16.11.0002</li> </ul>	Yes <b>Switch Software Dependency:</b> <ul style="list-style-type: none"> <li>■ WC.16.08.0019 or later</li> <li>■ WC.16.09.0015 or later</li> <li>■ WC.16.10.0012 or later</li> </ul>	VSF	UI and Template
Aruba 2930M Switch Series	<ul style="list-style-type: none"> <li>■ WC.16.08.0019 or later</li> <li>■ WC.16.09.0015 or later</li> <li>■ WC.16.10.0012 or later</li> <li>■ WC.16.11.002</li> </ul>	<ul style="list-style-type: none"> <li>■ WC.16.08.0023 or later</li> <li>■ WC.16.09.0018 or later</li> <li>■ WC.16.10.0016 or later</li> <li>■ WC.16.11.0002</li> </ul>	Yes <b>Switch Software Dependency:</b> <ul style="list-style-type: none"> <li>■ WC.16.08.0019 or later</li> <li>■ WC.16.09.0015 or later</li> <li>■ WC.16.10.0012 or later</li> </ul>	BPS	UI and Template
Aruba 3810 Switch Series	<ul style="list-style-type: none"> <li>■ KB.16.08.0019 or later</li> <li>■ KB.16.09.0015 or later</li> <li>■ KB.16.10.0012 or later</li> <li>■ KB.16.11.002</li> </ul>	<ul style="list-style-type: none"> <li>■ KB.16.08.0023 or later</li> <li>■ KB.16.09.0018 or later</li> <li>■ KB.16.10.0016 or later</li> <li>■ KB.16.11.0002</li> </ul>	Yes <b>Switch Software Dependency:</b> <ul style="list-style-type: none"> <li>■ KB.16.08.0019 or later</li> <li>■ KB.16.09.0015 or later</li> <li>■ KB.16.10.0012 or later</li> </ul>	BPS	UI and Template
Aruba 5400R Switch Series	<ul style="list-style-type: none"> <li>■ KB.16.08.0019 or later</li> <li>■ KB.16.09.0015 or later</li> <li>■ KB.16.10.0012 or later</li> </ul>	<ul style="list-style-type: none"> <li>■ KB.16.08.0023 or later</li> <li>■ KB.16.09.0018 or later</li> <li>■ KB.16.10.0016 or later</li> </ul>	Yes <b>Switch Software Dependency:</b> <ul style="list-style-type: none"> <li>■ KB.16.08.0019 or later</li> <li>■ KB.16.09.0015</li> </ul>	VSF	Template only

Switch Platform	Supported Software Versions	Recommended Software Versions	Switch Stacking Support	Supported Stack Type (Frontplane (VSF) / Backplane (BPS))	Supported Configuration Group Type for Stacking (UI / Template)
	<ul style="list-style-type: none"> <li>KB.16.11.002</li> </ul>	<ul style="list-style-type: none"> <li>KB.16.11.0002</li> </ul>	or later <ul style="list-style-type: none"> <li>KB.16.10.0012 or later</li> </ul>		



Provisioning and configuring of Aruba 5400R switches and Aruba 5400R switch stacks is supported only through configuration templates. Aruba Central On-Premises does not support moving Aruba 5400R switches from the template group to a UI group. If an Aruba 5400R switch is pre-assigned to a UI group, then the device is moved to an unprovisioned group after it joins.

Data sheets and technical specifications for the supported switch platforms are available at: <https://www.arubanetworks.com/products/networking/switches/>.

## Supported AOS-CX Platforms



Aruba Central On-Premises 2.5.5 does not support AOS-CX switch software version 10.10. Upgrading the AOS-CX switch to 10.10 version could result in loss of connectivity to Aruba Central On-Premises.

The following table lists the AOS-CX platforms and corresponding software versions supported in Aruba Central On-Premises.

**Table 8:** Supported AOS-CX Switch Series and Software Versions

Switch Platform	Supported Software Versions	Recommended Software Versions	Supported Configuration Group Type (UI / Template)
AOS-CX 4100i Switch Series	10.08.0001 or later	10.08.1040 or 10.09.1000	UI and Template
AOS-CX 6000 Switch Series	10.08.1010 or later	10.08.1040 or 10.09.1000	UI and Template
AOS-CX 6100 Switch Series	10.06.0110 or later	10.07.0040 or 10.08.1040 or 10.09.1000	UI and Template
AOS-CX 6200 Switch Series	10.07.0030 or later	10.07.0040 or 10.08.1040 or 10.09.1000	UI and Template

Switch Platform	Supported Software Versions	Recommended Software Versions	Supported Configuration Group Type (UI / Template)
AOS-CX 6300 Switch Series	10.07.0030 or later	10.07.0040 or 10.08.1040 or 10.09.1000	UI and Template
AOS-CX 6400 Switch Series	10.07.0030 or later	10.07.0040 or 10.08.1040 or 10.09.1000	Template only
AOS-CX 8320 Switch Series	10.07.0010 or later	10.07.0040 or 10.08.1040 or 10.09.1000	UI and Template
AOS-CX 8325 Switch Series	10.07.0010 or later	10.07.0040 or 10.08.1040 or 10.09.1000	UI and Template
AOS-CX 8360 Switch Series	10.07.0010 or later	10.07.0040 or 10.08.1040 or 10.09.1000	UI and Template
AOS-CX 8360 Switch Series V2 Module ( JL719C )	10.09.1000 or later	10.09.1000 or later	UI and Template
AOS-CX 8400 Switch Series	10.07.0010 or later	10.07.0040 or 10.08.1040 or 10.09.1000	Template only




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Provisioning and configuring of AOS-CX 6400 and 8400 Switch series is supported only through configuration templates.

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Data sheets and technical specifications for the supported Switch platforms are available at: <https://www.arubanetworks.com/products/Switches/>.