Aruba Central (On-Premises) 2.5.4.0 Migration Guide

a Hewlett Packard Enterprise company

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Chapter 1
About this Guide

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
Italics	This style is used to emphasize important terms and to mark the titles of books.
`System items`	This fixed-width font depicts the following: ▪ Sample screen output ▪ System prompts
Bold	▪ Keys that are pressed ▪ Text typed into a GUI element ▪ GUI elements that are clicked or selected

The following informational icons are used throughout this guide:

Indicates helpful suggestions, pertinent information, and important things to remember.
Indicates a risk of damage to your hardware or loss of data.
Indicates a risk of personal injury or death

Contacting Support

Table 2: *Contact Information*

Main Site	arubanetworks.com
Support Site	asp.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 Telephone	arubanetworks.com/support-services/contact-support/
Software Licensing Site	lms.arubanetworks.com
End-of-life Information	arubanetworks.com/support-services/end-of-life/
Security Incident Response Team	Site: arubanetworks.com/support-services/security-bulletins/ Email: aruba-sirt@hpe.com
Open Source License	Site: https://myenterpriselicense.hpe.com/cwp-ui/free-software/ArubaCentralOn-Premises-OSP

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 online migration to proceed and a minimum version of 8.2.11.0 to proceed with offline migration. If the AirWave system is running an earlier version, refer to the AirWave documentation to upgrade the version to minimum supported versions.
- Only those APs, controllers, and switches that are supported in Aruba Central (on-premises) are migrated. For information on supported hardware, see Supported Platforms 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.

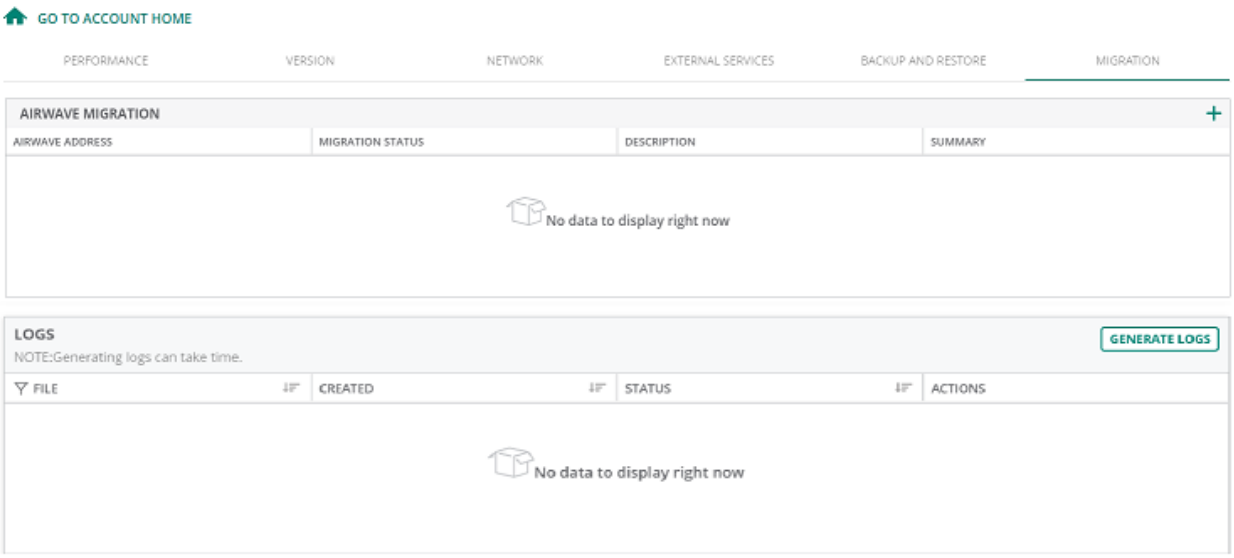
Accessing the Migration Page

To access the migration page, perform the following procedure:

1. Log in to your Aruba Central (on-premises) account as an administrator.
2. Click the **Account Home** page icon.

   The Account Home page is displayed.
3. Click **Global Settings** > **System Management.**
4. Click the **Migration** tab.

   The migration page is displayed.



NOTE

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.

Following table lists the **Migration** tab details:

Table 3: *Migration Parameters*

Name	Description
Airwave Address	FQDN or IP address of the AMP.
Migration Status	Indicates if the migration is ongoing, failed, or successful. For more information, see Migration Status and Migration Descriptions.
Description	Displays the ongoing step in the migration process. For example, the Description column provides information
Summary	You can hover over the Provides a summary of the migration activity occurring during migration. Following are some of the messages displayed: ▪ Number of devices existing on Aruba Central (on-premises) ▪ Number of devices on AirWave 8.x ▪ Number of devices to migrate ▪ Number of devices successfully migrated ▪ Number of devices failed to migrate
Action	Allows you to restart the migration process by clicking the restart icon. You can also delete an AMP from the migration table by clicking the delete icon.

5. 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.

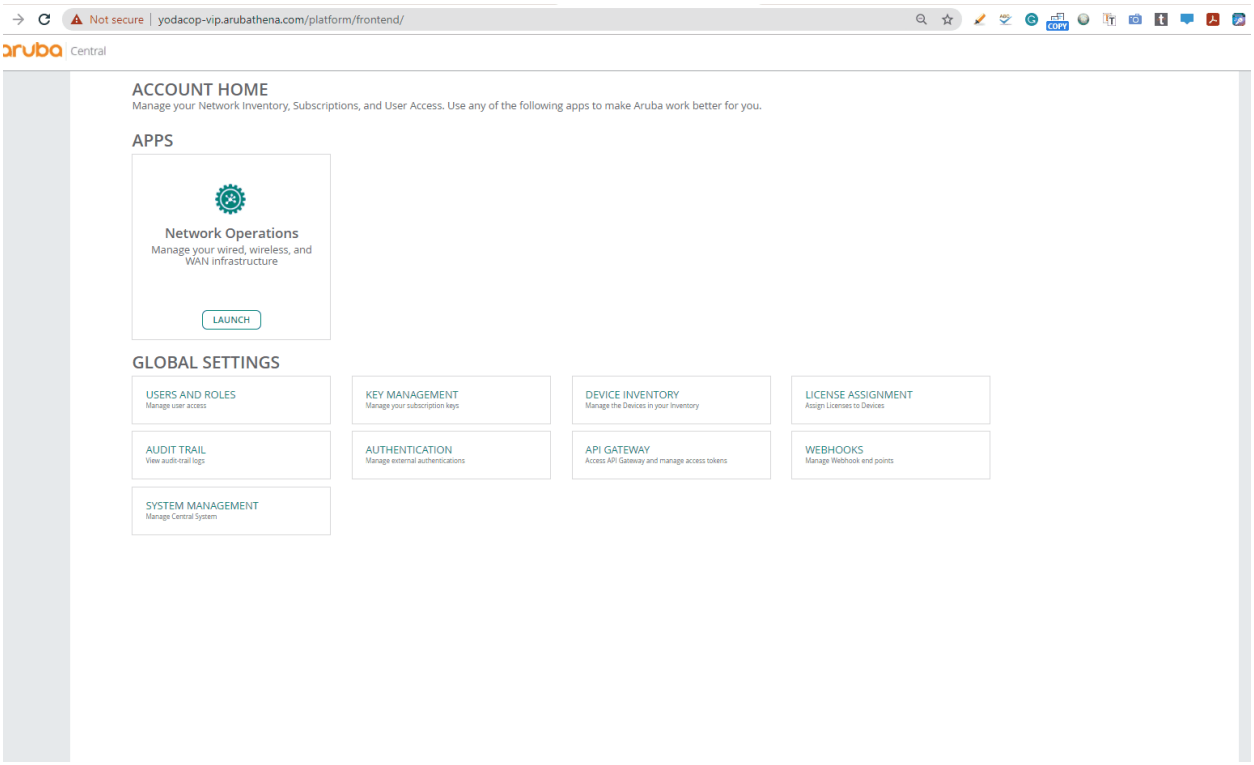
Performing the Migration

First you need to add the AirWave server that is running the older software version to Aruba Central. After the migration process completes, the Device Inventory page becomes available.

Aruba Central (on-premises) supports both offline and online migration.

Online Migration

When you begin the migration, the Aruba Central server establishes a connection with the AirWave server using the information you provide on the Migration page.



To perform an online migration, perform the following steps with an Internet connection:

1. Log in to your Aruba Central (on-premises) account as an administrator.
2. Click the **Account Home** page icon.

   The Account Home page is displayed.
3. Click **Global Settings** > **System Management.**
4. Click the **Migration** tab to display the Migration page.
5. Click + in the AirWave Migration table to display the **Add Migration** page.
6. In the **Add Migration** page, select the **Online Migration** option.
7. Enter the following details:
   - **Host Name or IP Address**—Enter the IP address of the AirWave Management Platform (AMP).

- 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.

8. Click **Save** to begin the migration process.
9. 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 one after another.

NOTE

You can not delete an AMP when the migration is in-progress.

10. In the **Airwave Migration** table of the **Migration** page, the online migration entry has the , , and icons allowing you to edit, restart, and delete the migration respectively.

Figure 1 *Add Migration Using Host Name*

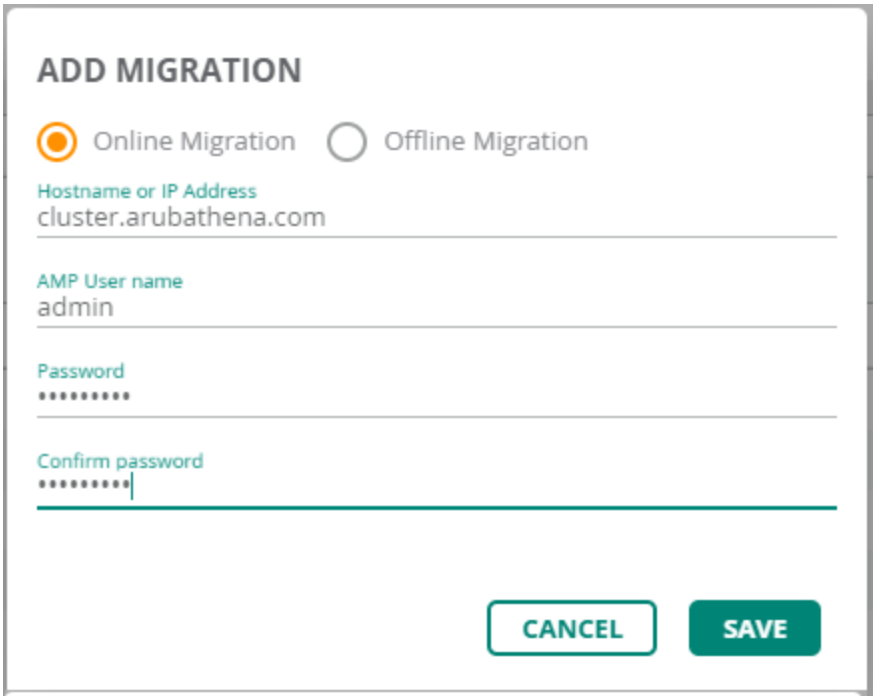
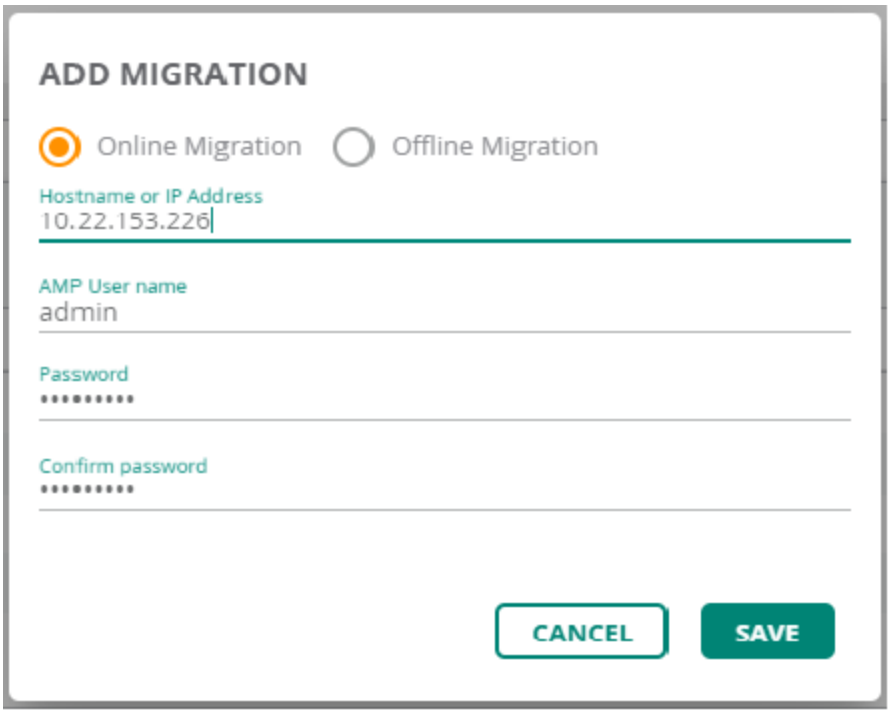


Figure 2 *Add Migration Using IP Address*



NOTE

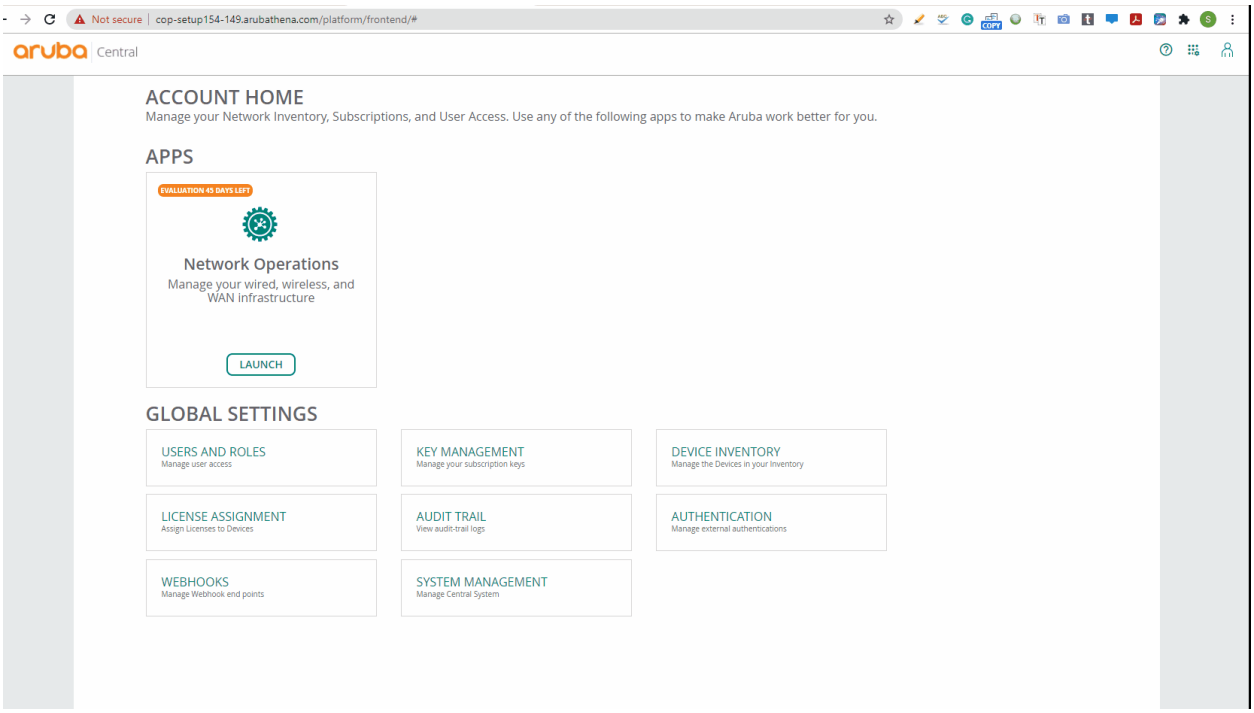
All system operations are disabled until the active system operation is complete. The migration, backup and restore, high availability processes, and the upgrade operations are the system operations in Aruba Central (on-premises).

Offline Migration

In addition to the online migration, Aruba Central (on-premises) allows you to perform offline migration of the Device Inventory data and Visual RF data from AirWave to Aruba Central (on-premises) by uploading the backup file that was earlier downloaded from AirWave.

This process is called Offline Migration. 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 offline migration is that the user can bring in all the devices to Aruba Central (on-premises) from AirWave with a single operation.



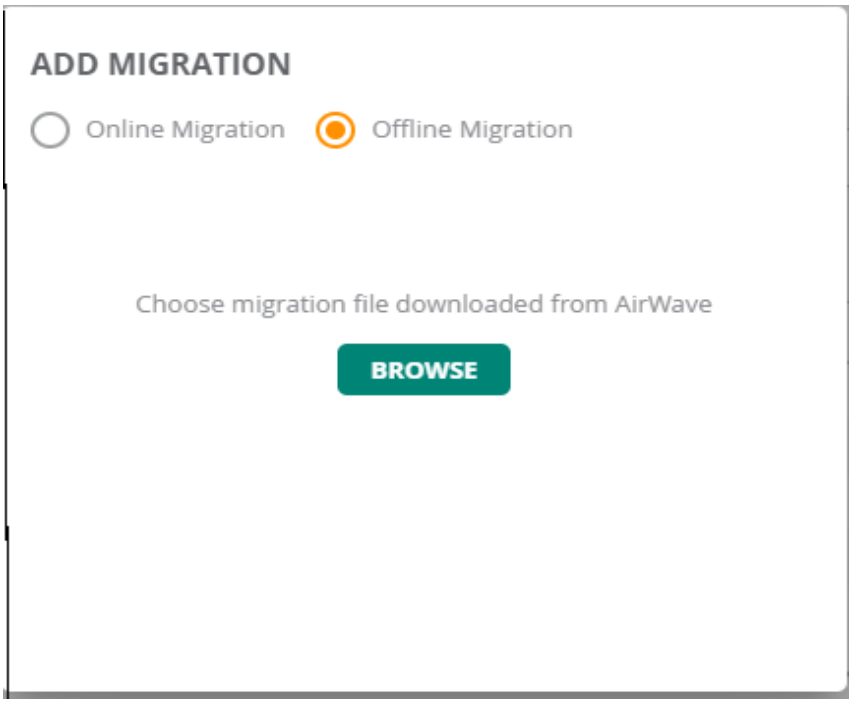
In offline migration, the Aruba Central (on-premises) is installed on the servers where the AMP is operational.

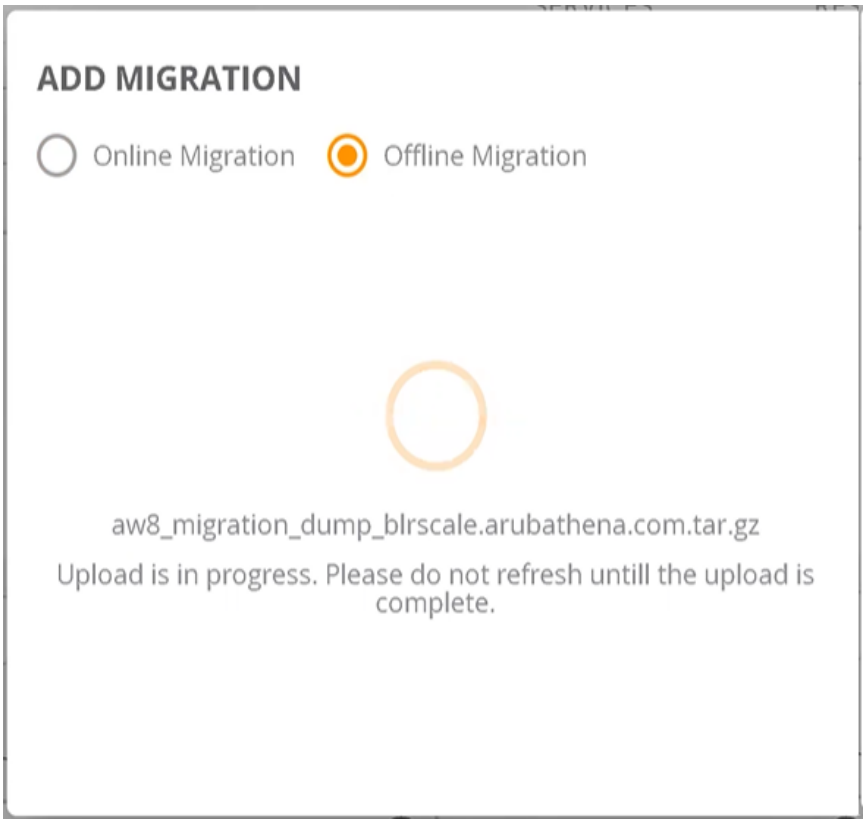
NOTE

The minimum supported version for the migration is AirWave 8.2.11.0.

Follow these steps to migrate your data using offline migration:

1. Log in to your Aruba Central (on-premises) account as an administrator.
2. Click the **Account Home** page icon.
   The Account Home page is displayed.
3. Click **Global Settings** > **System Management**.
4. Click the **Migration** tab to display the Migration page.
5. Click + in the AirWave Migration table.
   The Add Migration page is displayed.
6. Select the **Offline Migration** option.
7. Browse to the location to choose the migration file that was downloaded from AirWave.
8. Click **Save**.





In the **Airwave Migration** table of the **Migration** page, only  icon is available corresponding to the offline migration entry.

NOTE

When the upload is in progress, you must not refresh the page.

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 one after another.

The following figure shows the main components of the Migration page.

Figure 3 *Screen Capture of Offline Migration*

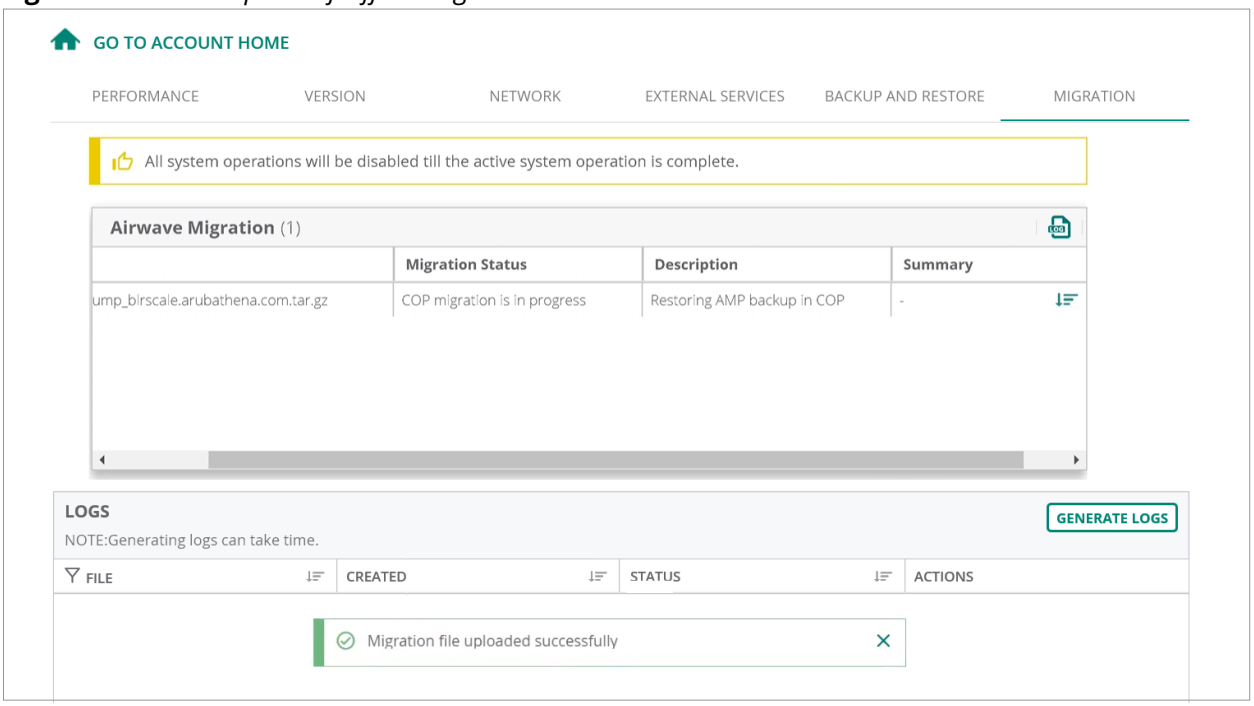
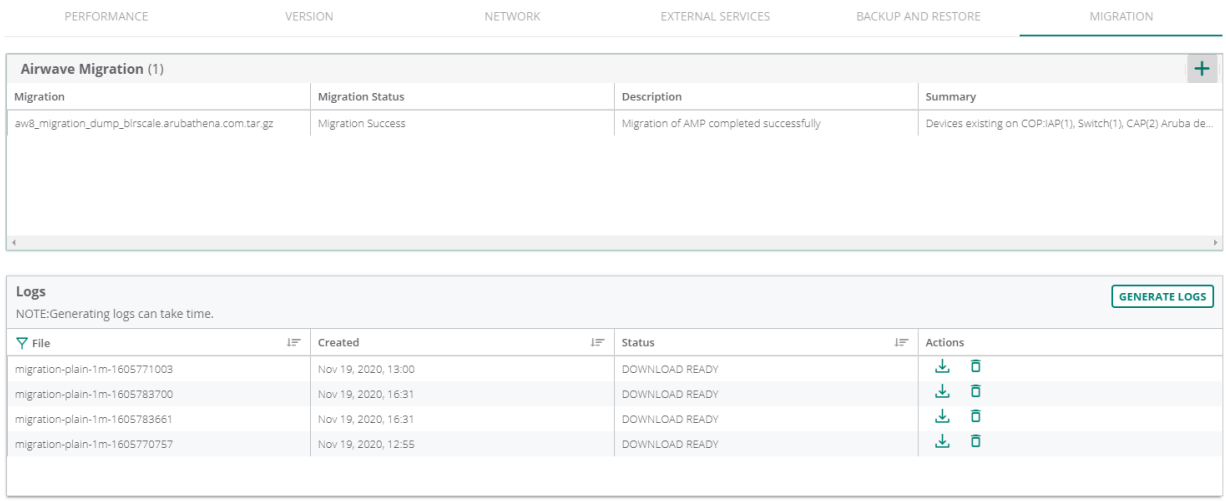


Figure 4 *Screen Capture of a successful Migration.*



NOTE

The default time out period for the backup process during the migration is **120 minutes**.

During the migration process, a fresh AMP back up is created in Airwave 8.x and transferred to the Aruba Central (on-premises). The scheduled nightly backup is not performed as a part of the migration process.

Logs

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

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

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

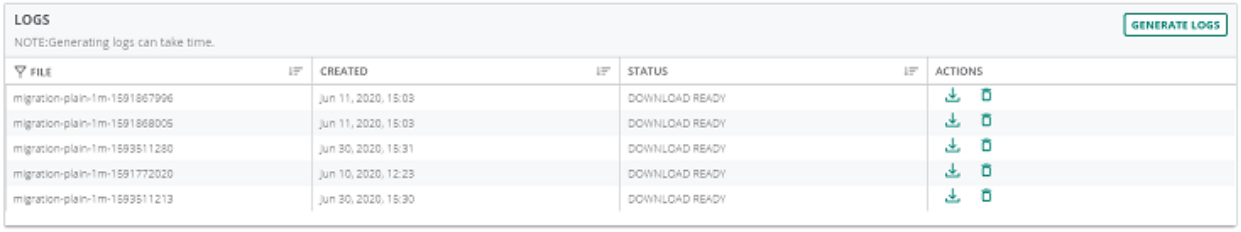
The log files that are generated contains the cumulative data of all the AMP migrations.

NOTE

You can veiw the device migration POD logs from the Aruba Central (on-premises) backend or from the UI.

The VisualRF migration POD logs are available in one of the COP cluster node and can be viewed in the /var/log/visualrf path.

Figure 5 *Log File*



The **Logs** table displays the following columns:

Table 4: *Logs Table*

Name	Description
File	The name of the log file that is generated.
Created	The date and time when the log file is created.
Status	Indicates the status of the logs that are generated. The status indicated is **Download Ready**, **In Progress**, **Successful**, or **Failed.**
Action	Enables you to perform the following actions: ▪ Downloading the generated log files by clicking the download icon. The files are then saved to the local drive as a TAR file. ▪ Deleting the log file by clicking the delete icon.

Migration Status

Following is a list of migration status displayed in the Airwave Migration table:

- 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

Following is a list of migration status descriptions that are displayed during the migration process under the description heading of the migration table:

- 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

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

- Device inventory for CAPs, IAPs, controllers, and switches. For more information, see Device Inventory.
- For controllers, the device credentials for SNMP and HTTPS profiles.

NOTE

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.

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.

Device Inventory

Once the migration process is completed, the devices are automatically populated in the **Account Home > Global Settings > Device Inventory** page. Resources such as the CAPs, IAPs, controllers, and switches are migrated to Device Inventory. The controllers and CAPs are automatically onboarded after the migration process without user intervention.

Ensure to onboard the switches and IAPs manually after the migration process. For more information, see the *Central (on-premises) User Guide*.

NOTE

As a part of Instant AP onboarding procedure, you must manually configure the AMS IP address and AMS key. In case of onboarding the switches, you must manually execute the Aruba Central or AMP sever command. Alternately, you can add Instant APs and switches to Aruba Central, by configuring a shared secret key on the DHCP server.

Once the device is added to the Device Inventory, you must map the device profiles to the respective devices available in the Device Inventory.

To map a connection profile to the controller, perform the following steps:

1. In the Account Home page, under **Global Setting** click **Device Inventory**.
   The **Device Inventory** page is displayed.

2. In the **View Devices** table, click the controller to map the device profile.

   The **Controller Details** page is displayed.
3. To map the controller with the HTTPS or SNMP connection profiles, perform the following information:
   - **IP Address** - IP address of the controller.
   - **SNMP or HTTPS profile** - Select the SNMP profile required to be mapped to the controller.
   - **HTTPS profile** - Select the HTTPS profile required to be mapped to the controller.
4. Click **Save**.

Sites

During migration, all VisualRF buildings from AirWave are converted into Aruba Central (on-premises) sites.

To manage your sites and floor plans:

1. In the **Network Operations** app, filter **Global**.
2. Under **Maintain**, click **Organization**.

   The **Groups** tab is displayed.
3. Click the **Labels and Sites** tab, then select **Sites**.
4. Drag and drop devices to add them to a site.

VisualRF Floor Plans

All the AirWave VisualRF buildings, floors, and AP locations are migrated. The buildings from the AirWave VisualRF is migrated as sites.

To view the VisualRF dashboard:

1. In the **Network Operations** app, use the filter bar to select a site.
2. Under **Manage**, click **Overview > FloorPlans**.

   The **Floor Plans** page is displayed.

   The **Floor Details** drop-down list from which you can select the floor name to view the respective floor plan.

   The search box which allows you to search for a specific device or a component on a floor.

   The dashboard also allows you to view all the access points, devices, security rogues, and regions located across the floors.

   The **Properties** pane displays the following details corresponding to the selected floor:
   - Total number of access points
   - The name of the floor
   - The name of the site
   - The width of the floor
   - The height of the floor

This section provides the following information:

Supported APs

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. CAPs 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 CAPs.

Supported IAP

Aruba Central (on-premises) supports the following IAP platforms and Aruba Instant software versions:

Table 5: *Supported Instant AP Platforms*

Instant AP Platform	Installation Mode	Latest Validated Aruba Instant Software Version	Power Draw Support
AP-655	Indoor	8.10.0.0	Yes
AP-635	Indoor	8.9.0.0	Yes
AP-567EX	Outdoor	8.7.1.0	No

Instant AP Platform	Installation Mode	Latest Validated Aruba Instant Software Version	Power Draw Support
AP-567	Outdoor	8.7.1.0	Yes
AP-565EX	Outdoor	8.7.1.0	No
AP-565	Outdoor	8.7.1.0	Yes
AP-503H	Indoor	8.7.1.0	Yes
AP-577EX	Outdoor	8.7.0.0	Yes
AP-577	Outdoor	8.7.0.0	Yes
AP-575EX	Outdoor	8.7.0.0	Yes
AP-575	Outdoor	8.7.0.0	Yes
AP-574	Outdoor	8.7.0.0	Yes
AP-518	Outdoor	8.7.0.0	Yes
AP-505H	Indoor	8.7.0.0	Yes
AP-505	Indoor	8.6.0.0	Yes
AP-504	Indoor	8.6.0.0	Yes
AP-535	Indoor	8.6.0.7 8.5.0.0	No
AP-534	Indoor	8.6.0.7 8.5.0.0	No
AP-515	Indoor	8.6.0.7 8.4.0.0	Yes
AP-514	Indoor	8.6.0.7 8.4.0.0	Yes
AP-555	Indoor	8.5.0.0	No
AP-387	Outdoor	8.4.0.0	Yes
AP-303P	Indoor	8.4.0.0	No
AP-377EX	Outdoor	8.3.0.0	No
AP-377	Outdoor	8.3.0.0	Yes
AP-375EX	Outdoor	8.3.0.0	No
AP-375	Outdoor	8.3.0.0	Yes

Instant AP Platform	Installation Mode	Latest Validated Aruba Instant Software Version	Power Draw Support
AP-374	Outdoor	8.3.0.0	Yes
AP-345	Indoor	8.3.0.0	Yes
AP-344	Indoor	8.3.0.0	Yes
AP-318	Indoor	8.3.0.0	Yes
AP-303	Indoor	8.3.0.0	No
AP-203H	Indoor	8.3.0.3 6.5.4.8 6.5.3.7	No
AP-367	Outdoor	8.3.0.3 6.5.4.8 6.5.3.7	No
AP-365	Outdoor	8.3.0.3 6.5.4.8 6.5.3.7	No
AP-303HR	Indoor	6.5.2.0	No
AP-303H	Indoor	8.3.0.3 6.5.4.8 6.5.3.7	Yes
AP-203RP	Indoor	8.3.0.3 6.5.4.8 6.5.3.7	No
AP-203R	Indoor	8.3.0.3 6.5.4.8 6.5.3.7	No
IAP-305	Indoor	8.3.0.3 6.5.4.8 6.5.3.7	Yes
IAP-304	Indoor	8.3.0.3 6.5.4.8 6.5.3.7	Yes
IAP-207	Indoor	8.3.0.3 6.5.4.8 6.5.3.7	No
IAP-335	Indoor	8.3.0.3 6.5.4.8	Yes

Instant AP Platform	Installation Mode	Latest Validated Aruba Instant Software Version	Power Draw Support
		6.5.3.7	
IAP-334	Indoor	8.3.0.3 6.5.4.8 6.5.3.7	Yes
IAP-315	Indoor	8.3.0.3 6.5.4.8 6.5.3.7	No
IAP-314	Indoor	8.3.0.3 6.5.4.8 6.5.3.7	Yes
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	No
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	No
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	No
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	No
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	No
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	No
IAP-214	Indoor	6.5.4.3	No

Instant AP Platform	Installation Mode	Latest Validated Aruba Instant Software Version	Power Draw Support
		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	No
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	No
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	No
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	No
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	No
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	No
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	No
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	No

Instant AP Platform	Installation Mode	Latest Validated Aruba Instant Software Version	Power Draw Support
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	No

- 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.

Supported Campus APs

Aruba Central (on-premises) supports the following CAP platforms and ArubaOS software versions:

AP Platform	Latest Validated ArubaOS Software Versions
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 Platform	Latest Validated ArubaOS Software Versions
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	8.7.1.0 8.6.0.7
AP-518	8.7.1.0 8.6.0.7
AP-535	8.7.1.0 8.6.0.7
AP-534	8.7.1.0 8.6.0.7
AP-515	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

AP Platform	Latest Validated ArubaOS Software Versions
	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-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

AP Platform	Latest Validated ArubaOS Software Versions
	8.6.0.7
AP-303H	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-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

AP Platform	Latest Validated ArubaOS Software Versions
	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 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

- 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/

Supported Aruba Mobility Controllers

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

Table 6: *Supported Devices and Software Versions*

Supported Device	Latest Validated Software Versions
Aruba 7000 Series Mobility Controllers Aruba 7200 Series Mobility Controllers	8.7.1.0 8.6.0.7 6.5.4.16
NOTE: Controllers running ArubaOS 6.5.4.8 software image do not support WebSocket connection. You must manually add these controllers to Aruba Central. The minimum software version required for monitoring controller clusters and Mobility Conductor managed networks is ArubaOS 8.2.1.0.	

Supported AOS-Switch Platforms

- To manage your AOS-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-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-Switch 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-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	▪ YC.16.08.0019 or later ▪ YC.16.09.0015 or later ▪ YC.16.10.0012 or later	▪ YC.16.08.0019 or later ▪ YC.16.09.0015 or later ▪ YC.16.10.0012 or later	N/A	N/A	UI and Template

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 2930F Switch Series	▪ WC.16.08.0019 or later ▪ WC.16.09.0015 or later ▪ WC.16.10.0012 or later	▪ WC.16.08.0019 or later ▪ WC.16.09.0015 or later ▪ WC.16.10.0012 or later	Yes **Switch Software Dependency**: ▪ WC.16.08.0019 or later ▪ WC.16.09.0015 or later ▪ WC.16.10.0012 or later	VSF	UI and Template
Aruba 2930M Switch Series	▪ WC.16.08.0019 or later ▪ WC.16.09.0015 or later ▪ WC.16.10.0012 or later	▪ WC.16.08.0019 or later ▪ WC.16.09.0015 or later ▪ WC.16.10.0012 or later	Yes **Switch Software Dependency**: ▪ WC.16.08.0019 or later ▪ WC.16.09.0015 or later ▪ WC.16.10.0012 or later	BPS	UI and Template
Aruba 3810 Switch Series	▪ KB.16.08.0019 or later ▪ KB.16.09.0015 or later ▪ KB.16.10.0012 or later	▪ KB.16.08.0019 or later ▪ KB.16.09.0015 or later ▪ KB.16.10.0012 or later	Yes **Switch Software Dependency**: ▪ KB.16.08.0019 or later ▪ KB.16.09.0015 or later ▪ KB.16.10.0012 or later	BPS	UI and Template
Aruba 5400R Switch Series	▪ KB.16.08.0019 or later ▪ KB.16.09.0015 or later ▪ KB.16.10.0012 or later	▪ KB.16.08.0019 or later ▪ KB.16.09.0015 or later ▪ KB.16.10.0012 or later	Yes **Switch Software Dependency**: ▪ KB.16.08.0019 or later ▪ KB.16.09.0015 or later ▪ KB.16.10.0012 or later	VSF	Template only

Provisioning and configuring of aruba 5400Aruba 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 Switch Platforms

The following table lists the AOS-CX platforms, corresponding software versions supported in Aruba Central (on-premises), and switch stacking details.

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

Switch Platform	Supported Software Versions	Recommended Software Versions	Switch Stacking Support	Supported Stack Type	Maximum Number of Stack Members	Supported Configuration Group Type (UI / Template)
AOS-CX 4100i Switch Series	10.08.0001	10.08.0001	-N/A-	-N/A-	-N/A-	UI and Template
AOS-CX 6100 Switch Series	10.06.0110 or later	10.06.0150 or 10.07.0030	-N/A-	-N/A-	-N/A-	UI and Template
AOS-CX 6200 Switch Series	10.05.0021 or later	10.06.0150 or 10.07.0030	Yes **Switch Software Dependency** : 10.05.0021	VSF	8	UI and Template
AOS-CX 6300 Switch Series	10.05.0021 or later	10.06.0150 or 10.07.0030	Yes **Switch Software Dependency** : 10.05.0021	VSF	10	UI and Template
AOS-CX 6300 Switch Series [JL762A] Back 2 Front Power Supply SKU only	10.06.0001 or later	10.06.0150 or 10.07.0030	Yes **Switch Software Dependency** : 10.05.0021	VSF	10	UI and Template
AOS-CX 6405 Switch Series	10.05.0021 or later	10.06.0150 or 10.07.0030	-N/A-	-N/A-	-N/A-	Template only

Switch Platform	Supported Software Versions	Recommended Software Versions	Switch Stacking Support	Supported Stack Type	Maximum Number of Stack Members	Supported Configuration Group Type (UI / Template)
AOS-CX 6410 Switch Series	10.05.0021 or later	10.06.0150 or 10.07.0030	-N/A-	-N/A-	-N/A-	Template only
AOS-CX 8320 Switch Series	10.05.0021 or later	10.06.0150 or 10.07.0030	-N/A-	-N/A-	-N/A-	UI and Template
AOS-CX 8325 Switch Series	10.05.0021 or later	10.06.0150 or 10.07.0030	-N/A-	-N/A-	-N/A-	UI and Template
AOS-CX 8360 Switch Series	10.06.0001 or later	10.06.0150 or 10.07.0030	-N/A-	-N/A-	-N/A-	UI and Template
AOS-CX 8400 Switch Series	10.06.0001 or later	10.06.0150 or 10.07.0030	-N/A-	-N/A-	-N/A-	Template only

Provisioning and configuring of AOS-CX 6405, 6410, and 8400 switch series is supported only through configuration templates.

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