AirWave provides a range of features to manage network infrastructure devices from Aruba Networks and other vendors. This document describes the supported product families, software versions, and feature set for the following product sets:

Aruba Devices

AirWave supports management of global configuration profiles or settings, monitoring, and software upgrades on Aruba devices and software that are running ArubaOS 6.5.0.0, 6.5.1.0, 6.5.2.0. AirWave supports only monitoring on Aruba devices running ArubaOS 8.0.0. The sections that follow provide support matrices for integration with Aruba devices.

ArubaOS

AirWave supports all Aruba controllers and most access points (APs) that are running ArubaOS 6.4.4.0, 6.5.0.0, 6.5.1.0, 6.5.2.0, 8.0.0.0, 8.0.1.0, 8.1.0.0, 8.1.0.2, 8.1.0.3, 8.2.0.0, and 8.2.0.1 and have not reached the end of life milestone. Refer to http://www.arubanetworks.com/support-services/end-of-life/ for the complete list of products that have reached the end-of-life milestone.

AirWave supports Aruba unified APs; access points that are factory-installed with ArubaOS 6.5.2.0 or a later. A unified AP can be configured to operate as either a campus AP or a remote AP when that device is first provisioned. For more information on unified APs, refer to the *ArubaOS 6.5.2 Release Notes*.

Table 1: *Supported ArubaOS Devices*

Device	Validated up to
AP-365 and AP-367	6.5.2.0
AP-334 and AP-335	6.5.1.0
AP-324 and AP-325	6.5.1.0
AP-304 and AP-305	6.5.1.0
AP-303H	6.5.2.0
AP-277	6.5.0.0

Table 1: *Supported ArubaOS Devices (Continued)*

Device	Validated up to
AP-274 and AP-275	6.5.0.0
AP-224 and AP-225	6.5.0.0
AP-228	6.5.0.0
AP-207	6.5.1.0
AP-203H	6.5.2.0
AP-203R and AP-203RP	6.5.2.0
AP-205H	6.5.0.0
AP-214 and AP-215	6.5.0.0
AP-204 and AP-205H	6.5.0.0
AP-175	6.5.0.0
AP-134 and AP-135	6.5.0.0
AP-114 and AP-115	6.5.0.0
AP-124 and AP-125	6.5.0.0
AP-104 and AP-105	6.5.0.0
AP-103	6.5.0.0
AP-103H	6.5.0.0
AP-92 and AP-93	6.5.0.0
AP-93H	6.5.0.0
AP-68	6.5.0.0
3000 Series Controller	6.4.4.0
7005 Controller	6.5.0.0
7010 Controller	6.5.0.0
7024 Controller	6.5.0.0
7030 Controller	6.5.0.0
7200 Series Controller	6.5.0.0
W-7280 Controller	6.5.4

NOTE The AP-80M series of access points is not supported by AirWave.

Aruba Instant

AirWave supports Aruba Instant Access Points running Instant software 6.5.4.x and all prior versions that have not reached the end of support milestone. AirWave also supports the Aruba RAP-100 Series and RAP-3 Series remote access points.

Table 2: *Supported Aruba Instant Devices*

Instant Version	Support for	
	Template Config	Instant GUI Config
Instant 6.5.4	AirWave 8.2.5.1	AirWave 8.2.5.1
Instant 6.5.4	AirWave 8.2.5	AirWave 8.2.5
Instant 6.5.3	AirWave 8.2.4.1	AirWave 8.2.4.1
Instant 6.5.2	AirWave 8.2.4	AirWave 8.2.4
Instant 4.3.1	AirWave 8.2.3.1	AirWave 8.2.3.1
Instant 4.3.0	AirWave 8.2.3	AirWave 8.2.3
Instant 4.2.4	AirWave 8.2.1	AirWave 8.2.2
Instant 4.2.3	AirWave 8.2.0	AirWave 8.2.2

NOTE Starting with 6.4.3.x-4.2, Instant software does not support IAP-92 and IAP-93.

Aruba Switches

AirWave supports monitoring, template configuration, and firmware changes on the Aruba switches listed in Table 3. On these devices, you can set up device-specific triggers and alerts and designate them as trap receivers. If you want to see the SNMP traps, go to the **System > Syslog & Traps** page.

In addition, you can push a complete configuration profile using templates to Aruba switches that have a factory-default configuration, or you can send partial configuration changes to the devices in a group.

NOTE In VisualRF, these Aruba switches appear in the VisualRF product catalog. However, their utilization values will be 0 because AirWave does not get utilization values for these devices.

Table 3: *Supported Aruba Switches*

Device	Monitoring	Configuration	Firmware Upgrade	Validated Firmware Version
Aruba 2530YA	Yes	Yes	Yes	YA.16.04.0008

Table 3: *Supported Aruba Switches (Continued)*

Device	Monitoring	Configuration	Firmware Upgrade	Validated Firmware Version
Aruba 2530YB	Yes	Yes	Yes	YB.16.04.0008
Aruba 2540	Yes	Yes	Yes	YC.16.04.0008
Aruba 2620	Yes	Yes	Yes	RA.16.04.0008
Aruba 2920	Yes	Yes	Yes	WB16.04.0008
Aruba 2930F	Yes	Yes	Yes	WC.16.04.0008
Aruba 2930M	Yes	Yes	Yes	WC.16.04.0008
Aruba 3800	Yes	Yes	Yes	KA.16.04.0008
Aruba 3810	Yes	Yes	Yes	KB.16.04.0008
Aruba 5400R	Yes	Yes	Yes	KB.16.04.0008
Aruba 5406zl	Yes	No	No	K.16.01.0007
Aruba 5412zl	Yes	No	No	K.16.01.0007
Aruba 8400	Yes	No	No	10.00.0002

Aruba Mobility Master Applicances

AirWave supports the following devices running ArubaOS 8.0.0 and later:

- Mobility Master Hardware Appliance MM-HW-1K, MM-HW-5K, and MM-HW-10K
- Mobility Master Virtual Appliance MM-VA

Aruba Mobility Access Switches

AirWave supports profile configuration, monitoring, and software upgrades on the Aruba Mobility Access Switches. In addition to the port statistics supported for most Ethernet switches with the supported firmware described below, AirWave also tracks the activity of authenticated wired clients on Aruba switches.

Table 4: *Supported Aruba Mobility Access Switches*

Device	Validated up to
S1500	7.4.0.0
S2500	7.4.0.0
S3500	7.4.0.0

Aruba AirMesh

Aruba AirMesh outdoor products running MeshOS 4.2 are supported for monitoring and software upgrades.

Table 5: *Supported Aruba MeshOS Devices*

Device	Validated up to
MSR1200	MeshOS 4.2
MSR2000	MeshOS 4.2
MSR4000	MeshOS 4.2
MST200	MeshOS 4.2

Hewlett Packard Enterprise Devices

The firmware versions for the HPE devices listed Table 6 represent the latest firmware version verified as fully supported by AirWave 8.2. The devices in Table 6 are available within the VisualRF product catalog and can be selected when setting up device-specific triggers and alerts. In addition, these devices can be set up as trap receivers, and the SNMP traps can be seen on the **System > Syslog & Traps** page.

NOTE

AirWave does not support MSM APs running in autonomous mode.

Informal testing shows that AirWave supports some devices running more recent versions of firmware, but full support for these later versions is not guaranteed. For more information on configuring and managing and HPE switches via AirWave, refer to the *AirWave Switch Configuration Guide*.

Table 6: *HPE Device Support*

Model	FirmWare Validated Up To
MSM310 and MSM310R	6.5.1.0
MSM313 and MSM313R	6.5.1.0
MSM317	6.5.1.0
MSM318	6.5.1.0
MSM320 and MSM320R	6.5.1.0
MSM323 and MSM323R	6.5.1.0
MSM325	6.5.1.0
MSM335	6.5.1.0
MSM410	6.5.1.0
MSM417*	6.5.1.0
MSM422	6.5.1.0
MSM425*	6.5.1.0
MSM430	6.5.1.0
MSM460	6.5.1.0
MSM466 and 466R	6.5.1.0
MSM525*	6.5.1.0

Table 6: *HPE Device Support (Continued)*

Model	FirmWare Validated Up To
MSM527*	6.5.1.0
MSM560*	6.5.1.0
MSM710 (controller)	6.5.1.0
MSM720 (controller)	6.5.1.0
MSM730 (controller)	6.5.1.0
MSM750 (controller)	6.5.1.0
MSM760 (controller)	6.5.1.0
MSM765 (controller)	6.5.1.0
ProCurve 420	2.0.38 - 2.2.5
ProCurve 530	WA.01.16-WA.02.19
ProCurve 2626-PWR	H.10.35 (ROM H.08.02)
830 Unified Wired-WLAN Switch*	5.20.109 (Release 2607P39)
850 Unified Wired-WLAN Switch*	5.20.109 (Release 2607P39)
870 Unified Wired-WLAN Switch*	5.20.109 (Release 2607P39)
HPE WESM controllers & APs ● xl ● zl	● WS.01.05 – WS.02.19 ● WT.01.03 – WT.01.28
HPE 1950 Switch	2220P02 (Comware 7)
HPE 3100 Switch Series	2220P02 (Comware 7)
HPE 3600 Switch Series	2220P02 (Comware 7)
HPE 5120 Switch	2220P02 (Comware 7)
HPE 5130 Switch	2220P02 (Comware 7)
HPE 5500 Switch Series	2220P02 (Comware 7)
HPE 7500 Switch Series	2220P02 (Comware 7)
HPE 10500 Switch Series	2220P02 (Comware 7)
* These HPE devices are not supported in VisualRF.	

High Availability Support

AirWave 8.2 introduces support for pairs of HP Unified Wired-WLAN (UWW) devices operating in HA mode. AirWave monitors the status of each controller. After AirWave detects that a failover occurred and the APs failed over to the backup controller, AirWave displays the current status of the APs.

HPE ProCurve

HPE ProCurve switches have the following additional support through AirWave:

- Automated discovery through SNMP
- Model & software version identification

Third-Party Vendor Devices

AirWave provides basic monitoring and, in some cases, management of the third-party vendor devices listed below. The following section describes the features, and provides the list of supported devices and firmware versions.

Monitoring

AirWave supports the following basic monitoring features for third party devices, unless specified otherwise:

- User monitoring data such as connection time, user name, SSID, and bandwidth
- Network monitoring data, including real-time and historical bandwidth and user count metrics
- Rogue detection and classification using AirWavecustomizable rules
- VisualRF heatmaps and user/rogue location
- Reports
- Triggers and alerts

Management

AirWave supports the following basic management features for third party devices, unless specified otherwise:

- Basic configuration
- Firmware upgrades
- Controller and AP discovery

Cisco® Devices

AirWave supports Cisco devices that are running the latest verified firmware versions and have not reached the end of life milestone. Informal testing shows that AirWave supports devices running more recent versions of firmware, but full support for these later versions is not validated.

Cisco Autonomous Access Points

AirWave provides monitoring, management, and software upgrade support for the autonomous APs listed in Table 7.

Table 7: *Supported Cisco Autonomous Access Points*

Model	Validated up to
702W Access Points	IOS: 15.3(3)JD
801 Access Points	IOS 12.4(25d)JA2 IOS 15.(22)JB
860 Series	IOS 12.4(15)XZ, 12.4(20)T
881 Series	IOS 12.4(21a)JA1

Table 7: *Supported Cisco Autonomous Access Points (Continued)*

Model	Validated up to
881W Series	IOS 12.4(21a)JA1 IOS 15.0(1)M7
881GW Series	IOS 12.4(21a)JA1 IOS 15.1(4)M3
891 Series	IOS 12.4(21a)JA1 IOS 15.0(1)M7
1040 Series	IOS 12.4(21a)JA1
1100 Series	IOS 12.4(21a)JA1
1110 Series	IOS 12.4(21a)JA1 IOS 12.3(11)JA
1130 Series	IOS 12.4(21a)JA1
1140 Series	IOS 12.4(21a)JA1 IOS 12.3(11)JA
1200 Series	IOS 12.4(21a)JA1 IOS 12.3(11)JA
1210 Series	IOS 12.4(21a)JA1
1230 Series	IOS 12.4(21a)JA1
1240 Series	IOS 12.4(21a)JA1
1250 Series	IOS 12.4(21a)JA1
1260 Series	IOS 12.4(21a)JA1
1300/1400 Series Bridges	IOS 12.4(21a)JA1
1700 Series	IOS10.2.111.0 (IOS: 15.3(3)JN3)
1941W Series	IOS 15.2(3)T
2700 Series	IOS10.2.111.0 (IOS: 15.3(3)JN3)

Cisco Wireless Controllers and Access Points

AirWave supports monitoring, RAPIDS, device discovery, and VisualRF for these devices, as well as configuration, firmware identification, AMP upgrade, and client monitoring-diagnostics for wireless controllers.

Table 8 lists Cisco wireless controllers and access point platforms that are supported in this release.

Table 8: *Supported Cisco Wireless Controllers and Access Points*

Model	Validated up to
1040 Series Access Points	8.3.102.0
1130 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1140 Series Access Points	8.3.102.0
1200 Series Access Points	8.3.102.0
1550 Series Access Points	8.3.102.0
1600 Series Access Points	8.3.102.0
1700 Series Access Points	8.3.102.0
1800 Series Access Points	8.3.102.0
2600 Series Access Points	8.3.102.0
2700 Series Access Points	8.3.102.0
3500 Series Access Points	8.3.102.0
3600 Series Access Points	8.3.102.0
3700 Series Access Points	8.3.102.0
3800 Series Access Points	8.3.102.0
2100 Series Wireless Controllers	7.0.235.0 (Bootloader: 7.0.235.0)
2500 Series Wireless Controllers	8.3.102.0
4400 Series Wireless Controllers	7.0.235.0 (Bootloader: 7.0.235.0)
5500 Series Wireless Controllers	8.3.102.0
5760 Wireless Controllers	3.2.0
Flex 7500 Controllers	8.3.102.0
8510 Controllers	8.0.100.0

NOTE

Cisco Mobility Services Engine and 500 Series Access Points are not supported.

Cisco Switches

AirWave supports automated discovery through SNMP, model and firmware version identification, and displays CDP neighbor information and extended port error statistics for the Cisco switches listed in Table 9.

Table 9: *Supported Cisco Switches*

Model	Validated up to
3650 Switches	03.06.01E
3750 Switches	12.2.55-SE11
3850 Switches	03.06.01E
4800 Bridges (pre-VxWorks, monitoring only)	8.65_2

Juniper® Devices

The following Juniper controllers and APs are supported for monitoring, configuration, and software upgrades.

> **NOTE**
> The firmware versions listed in the table below represents the latest firmware version verified as fully supported by AirWave 8.2.5.1. Informal testing shows that AirWave supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

Table 10: *Juniper AP Support*

Model	Validated up to
WLA321	9.1.0.6.0
WLA322	9.1.0.6.0
WLA522	9.1.0.6.0
WLA532	9.1.0.6.0
WLA632	9.1.0.6.0
WLC100	9.1.0.6.0
WLC2	9.1.0.6.0
WLC2800	9.1.0.6.0
WLC8	9.1.0.6.0
WLC800	9.1.0.6.0
WLC880	9.1.0.6.0
WLC JunosV	9.1.0.6.0
Juniper Switch	12.3R6.6

Juniper®

Juniper switches have the following additional support through AirWave:

- Automated discovery through SNMP
- Model & software version identification
- Rogue AP detection is supported using the Q-BRIDGE MIB

Meru® Devices

The following Meru controllers and APs are now supported in VisualRF.

The firmware versions listed in the table below represents the latest firmware version verified as fully supported by AirWave 8.2.5.1. Informal testing shows that AirWave supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

Table 11: *Meru Device Support*

Model	Validated up to
AP302	6.1.1-25
AP320i	6.1.1-25
AP332i	6.1.1-25
AP433i	6.1.1-25
AP433is	6.1.1-25
AP822e	6.1.1-25
AP822i	6.1.1-25
AP832e	6.1.1-25
AP832i	6.1.1-25
RS4000	6.1.1-25
MC1000*	3.6.1-49
MC1550	6.1.1-25
MC3000*	3.6.1-49
MC3200	6.1.1-25
MC4200	6.1.1-25
MC5000*	3.6.1-49
*This version of AirWave supports monitoring for these devices.	

VisualRF support for the for the AP433i, AP433e, AP433is, AP822i, and AP822e is not included in this release of AirWave.

Motorola® Devices

The following Motorola (formerly Symbol) controllers and autonomous APs are supported for monitoring, configuration, and software upgrades.

The firmware versions listed in the table below represents the latest firmware version verified as fully supported by AirWave 8.2.5.1. Informal testing shows that AirWave supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

Table 12: *Motorola Autonomous AP, Wireless LAN Controller, and AP Support*

Model	Validated up to
AP621	5.4.2.0-030R
AP622	5.4.2.0-030R
AP650	5.4.2.0-030R
AP5131	5.4.2.0-030R
AP5181	5.4.2.0-030R
AP6521*	5.4.2.0-030R
AP6522*	5.4.2.0-030R
AP6532*	5.7.0.0-057R
AP7131	5.4.2.0-030R
AP7161	5.4.2.0-030R
AP7532	5.8.1.0-012R
NX9600	5.8.6.0-011R
RFS4000	5.4.2.0-030R
RFS6000	5.4.2.0-030R
RFS7000	5.4.2.0-030R
WS2000	2.4.5
WS5100	3.3.4
Wing5 RFS controllers	5.4.2.0-030R
* These AP and controller models may require adjustments to the AirWave SNMP timeouts to compensate for known SNMP issues on these devices.	

Other Third-Party Devices with Monitoring Support

This version of AirWave supports monitoring for a variety of devices with software versions listed in the table below.

> **NOTE**
>
> The firmware versions listed in the table below represents the latest firmware version verified as fully supported by AirWave 8.2.5.1. Informal testing shows that AirWave supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

Table 13: *Other Supported Devices*

Device	Validated up to
BelAir 200	main.2005.03.29
Brocade ICX switches	08.0.20T211 and 08.0.30aT213
Ericsson APM-210 access point module	6.4.4.0-sp
Proxim AP-600/700 Proxim AP 2000/4000	2.0 – 4.0.2
Proxim Tsunami MP.11 QB 954-x, 2454-x, 4954-x, 5054-x	2.3.0 – 4.0.0
Siemens SCALANCE W1750D	6.5.0.0 - 4.3.0
Symbol 3021	04.01-23 – 04.02-19
Symbol 4121/4131	3.51-20 – 3.95-04
Symbol 5131/5181	1.1.0.0.045R – 2.5.0.0
Trapeze MXR-2, MXR-8, MXR-20, MXR-2xx, MX-400, MP-3x2, MP-422	5.0.12.2 – 7.0.5.6
Tropos 3/4/5210/5320/9422/9532	5.1.4.7 – 6.6.1.3

Other Switches

Some switches have additional support in AirWave:

Alcatel-Lucent OmniSwitch™ (6250 and 6450)

- Automated discovery through SNMP
- Model & software version identification
- Stack information
- Firmware version 6.6.1.859.R01

Brocade

- Automated discovery through SNMP
- Model & software version identification
- Firmware version 08.0.20T211 and 08.0.30aT213
- Stacking

Force10

- Model & software version identification
- Firmware version 8.4.2.9

Contacting Support

Main Site	arubanetworks.com
Support Site	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 Telephone	arubanetworks.com/support-services/contact-support/
Software Licensing Site	hpe.com/networking/support
End-of-life Information	arubanetworks.com/support-services/end-of-life/
Security Incident Response Team (SIRT)	Site: arubanetworks.com/support-services/security-bulletins/ Email: aruba-sirt@hpe.com

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