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

This release of AirWave supports management of global configuration profiles/settings, monitoring, and software upgrades on the following Aruba devices and software.

ArubaOS

AirWave supports all Aruba controllers and most access points that are running ArubaOS 6.4.4.x and all prior versions, and that have not reached the End of Support milestone. The AP-80M series of access points is not supported by AirWave.

Refer to http://www.arubanetworks.com/support-services/end-of-life/ for the complete list of end-of-life products.

FIPS

AirWave supports controllers running ArubaOS 6.0.x through 6.4.4.x FIPS and all prior versions, that have not reached the End of Support milestone.

Table 1: *ArubaOS Device Support*

Device	Validated up to
AP-324 and AP-325	6.4.4.x
AP-277	6.4.4.x
AP-274 and AP-275	6.4.4.x
AP-224 and AP-225	6.4.4.x
AP-228	6.4.4.x
AP-205H	6.4.4.x
AP-214 and AP-215	6.4.4.x

Table 1: *ArubaOS Device Support (Continued)*

Device	Validated up to
AP-204 and AP-205	6.4.4.x
AP-175	6.4.4.x
AP-134 and AP-135	6.4.4.x
AP-114 and AP-115	6.4.4.x
AP-124 and AP-125	6.4.4.x
AP-104 and AP-105	6.4.4.x
AP-103	6.4.4.x
AP-103H	6.4.4.x
AP-92 and AP-93	6.4.4.x
AP-93H	6.4.4.x
AP-68	6.4.4.x
3000 Series Controller	6.4.4.x
651 Controller	6.2.0.0
7005 Controller	6.4.4.x
7010 Controller	6.4.4.x
7030 Controller	6.4.4.x
7200 Series Controller	6.4.4.x

Instant

AirWave supports Aruba Instant Access Points (W-IAPs) running Instant software 6.4.4.0-4.3.2 and all prior versions, that have not reached the End of Support milestone.

Table 2: *Aruba Instant Device Support*

Device	Validated up to	
	Template Config	Instant GUI Config
IAP-324 and IAP-325	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-277	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-274 and IAP-275	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-228	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-224 and IAP-225	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-214 and IAP-215	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-204 and IAP-205	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-205H	6.4.4.0-4.2.3	6.4.4.0-4.2.3

Table 2: *Aruba Instant Device Support (Continued)*

Device	Validated up to	
	Template Config	Instant GUI Config
IAP-175	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-134 and IAP-135	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-114 and IAP-115	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-103	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-104 and IAP-105	6.4.4.0-4.2.3	6.4.4.0-4.2.3
IAP-92 and IAP-93	4.1.0.0	4.1.0.0

NOTE

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

Aruba Mobility Access Switches

The Aruba series of Mobility Access Switches (S3500, S2500, and S1500) are supported for profile configuration, monitoring, and software upgrades.

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 3: *Aruba Mobility Access Switch Support*

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 4: *Aruba MeshOS Device Support*

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

Hewlett Packard Enterprise Devices

AirWave 8.2 introduces support for the Hewlett Packard Enterprise (HPE) devices listed in Table 5. These devices 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 In VisualRF, the utilization value for HPE devices will be 0 because AirWave does not get utilization values for these devices.

Table 5: *HPE Switches (Validated on ArubaOS-Switch Version 16.01)*

Device	Monitoring Support	Firmware Changes	Show Commands On Monitor page	Template Configuration	Stacking Monitoring and Configuration
HPE 2530YA	Yes	Yes	Yes	Yes	No
HPE 2530YB			Yes	Yes	No
HPE 2620			Yes	Yes	No
HPE 2920			Yes	Yes	Yes
HPE 3800			Yes	Yes	Yes
HPE 3810			Yes	Yes	Yes
HPE 5400R			Yes	Yes	Yes

The firmware versions for the HPE devices listed Table 6 represent the latest firmware version verified as fully supported by AirWave 8.2. 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 HPE switches via AirWave, refer to the *AirWave Switch Configuration Guide*.

Table 6: *HPE Device Support*

Model	FirmWare Validated Up To
MSM310 and MSM310R	5.7.2.0
MSM313 and MSM313R	5.7.2.0
MSM317	5.7.2.0
MSM318	5.7.2.0
MSM320 and MSM320R	5.7.2.0
MSM323 and MSM323R	5.7.2.0
MSM325	5.7.2.0
MSM335	5.7.2.0
MSM410	5.7.2.0
MSM417*	5.20.109 (Release 2607P39)
MSM422	5.7.2.0
MSM425*	5.20.109 (Release 2607P39)
MSM430	5.7.2.0
MSM460	5.7.2.0
MSM466 and 466R	5.7.2.0
MSM525*	5.20.109 (Release 2607P39)

Table 6: *HPE Device Support (Continued)*

Model	FirmWare Validated Up To
MSM527*	5.20.109 (Release 2607P39)
MSM560*	5.20.109 (Release 2607P39)
MSM710 (controller)	5.5.3.0-01-10326
MSM720 (controller)	5.7.2.0
MSM730 (controller)	6.3.0.2
MSM750 (controller)	6.3.0.2
MSM760 (controller)	6.3.0.2
MSM765 (controller)	6.3.0.2
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)
5406 zl Switch	K.12.43 (ROM:K.12.12)
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)
7500 Switch Series*	5.20.109 (Release 2607P39)
10500 Switch Series*	5.20.109 (Release 2607P39)
HPE WESM controllers & APs ● xl ● zl	● WS.01.05 – WS.02.19 ● WT.01.03 – WT.01.28
* These HPE devices are not supported in VisualRF.	

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, username, 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

This section describes the Cisco devices and software versions supported in AirWave.

Cisco Autonomous APs running IOS

The following IOS AP product families 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. Informal testing shows that AirWave supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

The following table describes the Cisco Autonomous APs supported for monitoring and management.

Table 7: *Cisco Autonomous AP Support Matrix*

Cisco Monitoring and Management	
Model	**Validated up to**
350 Series	IOS 12.3(11)JA IOS 12.4(21a)JA1
702W	IOS10.2.111.0 (IOS: 15.3(3)JN3)
801	IOS 12.4(25d)JA2 IOS 15.(22)JB
871W - Excluding Software Upgrade	IOS 12.4(21a)JA1
881 Series	IOS 12.4(21a)JA1
881W Series	IOS 12.4(21a)JA1 IOS 15.0(1)M7
881GW Series	IOS 12.4(21a)JA1 IOS 15.1(4)M3

Table 7: *Cisco Autonomous AP Support Matrix (Continued)*

Cisco Monitoring and Management	
Model	**Validated up to**
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)

Support is also available for the following product:

- 860 series

Cisco Wireless LAN Controllers and Access Points

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

Table 8: *Cisco Wireless LAN Controllers and APs Support Matrix*

Cisco Monitoring and Management	
Model	**Validated up to**
1040 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1130 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1140 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1200 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1550 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1600 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
1700 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
2600 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
2700 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
3500 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
3600 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
3700 Series AP	7.6.110.0 (Bootloader: 7.0.116.0)
Standalone 2100 Series Controller	7.0.235.0 (Bootloader: 7.0.235.0)
Standalone 2500 Series Controller	7.6.110.0 (Bootloader: 7.0.116.0)
Standalone 4400 Series Controller	7.0.235.0 (Bootloader: 7.0.235.0)
Standalone 5500 Series Controller	7.6.110.0 (Bootloader: 7.0.116.0)
Standalone 5760 Controller	3.2.0
7500 Flex Controller	7.6.110.0 (Bootloader: 7.0.116.0)
8510 Controller	7.4.121.0
3650 Switch	03.06.01E
3850 Switch	03.06.01E
4800 Switch (Pre-VxWorks) - Monitoring Only	8.65.2

Support is <u>not</u> available for the following products:

- Mobility Services Engine
- 500 series APs

Cisco Switches

Cisco switches have the following additional support through AirWave:

- Automated discovery through SNMP
- Model & software version identification
- CDP neighbor information and extended port error stats
- 3750 stack information
- 3850 and 3650 configured as a switch

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. Informal testing shows that AirWave supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

Table 9: *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.

NOTE: The firmware versions listed in the table below represents the latest firmware version verified as fully supported by AirWave 8.2. 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: *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.	

NOTE: 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.

NOTE: The firmware versions listed in the table below represents the latest firmware version verified as fully supported by AirWave 8.2. 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: *Motorola Autonomous AP, Wireless LAN Controller, and AP Support*

Model	Validated up to
AP621	5.4.20-30R
AP622	5.4.20-30R

Table 11: *Motorola Autonomous AP, Wireless LAN Controller, and AP Support (Continued)*

Model	Validated up to
AP650	5.4.20-30R
AP5131	5.4.20-30R
AP5181	5.4.20-30R
AP6521*	5.4.20-30R
AP6522*	5.4.20-30R
AP6532*	5.4.20-30R
AP7131	5.4.20-30R
AP7161	5.4.20-30R
RFS4000	5.4.2.0-30R
RFS6000	5.4.20-30R
RFS7000	5.4.20-30R
WS2000	2.4.5
WS5100	3.3.4
Wing5 RFS controllers	5.4.20-30R
* 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. Informal testing shows that AirWave supports devices running more recent versions of firmware, but full support for these later versions is not guaranteed.

The firmware versions listed in the table below represents the latest firmware version verified as fully supported by AirWave 8.2. 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: *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

Table 12: *Other Supported Devices (Continued)*

Device	Validated up to
Proxim Tsunami MP.11 QB 954-x, 2454-x, 4954-x, 5054-x	2.3.0 – 4.0.0
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

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