AirWave 7.7

Supported Infrastructure Devices

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:

Wireless LAN APs and Controllers

Aruba

AirWave supports all Aruba controllers and most access points that are running ArubaOS 6.3.x and all prior versions 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-products for the complete list of end-of-life products.

FIPS

Controllers running ArubaOS 6.0.x through 6.3.x FIPS and all prior versions that have not reached the End of Support milestone are supported by this version of AirWave, including the management of global configuration profiles and software upgrades.

Instant

Aruba Instant APs running software versions 6.1.3.1-3.0.0.x and prior are also supported, including the management of configuration settings and software upgrades. The following table shows when each new version of IAP was initially supported in AirWave.

IAP Version	Support Introduced In
Instant 3.3	AirWave 7.6.4
Instant 3.2	AirWave 7.6.1
Instant 3.1	AirWave 7.5.6
Instant 3.0	AirWave 7.5

AirMesh

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

Aruba Mobility Controller 651

Aruba Mobility Controller 651 running 5.0.4.9 and prior versions are supported.

Cisco® Devices

Autonomous APs running IOS

The following IOS AP product families are supported for monitoring, configuration, and software upgrades.

Table 1: *Supported Firmware for autonomous APs running IOS*

Firmware Version	Model Type
Validated up to IOS 12.3(11)JA	• 350 series • 1110 series • 1130 series • 1140 series
Validated up to IOS 12.4(21a)JA1	• 350 series • 1040 series • 1100 series • 1130 series • 1140 series • 1200 series • 1210 series • 1230 series • 1240 series • 1250 series • 1260 series • 1300/1400 series bridges • 871W (excluding software upgrade support) • 881 series • 881GWAP series • 891 series
Validated up to IOS 12.4(23c)JA2	1941 series AP
Validated up to IOS 12.4(25d)JA2	801 AP
Validated up to IOS 15.(22)JB	801 AP
Validated up to IOS 15.0(1)M7	• 881W series • 891W series
Validated up to IOS 15.1(4)M3	881GW series
Validated up to IOS 15.2(3)T	1941W series
Validated up to IOS 15.3(2)T2	• 880 series • 890 series • 1900 series

Support is also available for the following products:

- 860 series

Wireless LAN Controllers

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

Table 2: *Supported Firmware for Wireless LAN Controllers*

Firmware Version	Device Type
Validated up to software version 7.2	• Standalone 2000 series controller • Standalone 2100 series controller • Standalone 2500 (bootloader 1.0.16) series controller • Standalone 4400 series controller • Standalone 5500 series controller • 1000 series AP • 1040 series AP • 1130 series AP • 1140 series AP • 1200 series AP • 1230 series AP • 1240 series AP • 1250 series AP • 1260 series AP • 3500 series AP • Cisco Catalyst 3750G Integrated WLC • WiSM/WiSM2
Validated up to software version 7.2.110.0	• 600 series AP • 3600 series AP
Validated up to software version 7.4.100.60 (Bootloader:7.0.116.0)	7500 WLC Flex Controller

Support is not available for the following products:

- Mobility Services Engine
- 500 series APs

Support for legacy Cisco devices is described at the end of the document.

Motorola® Devices

The following Motorola (formerly Symbol) controllers and autonomous APs are supported for monitoring, configuration, and software upgrades up to software version 4.3.3.

Table 3: *Motorola supported firmware and devices*

Device Type	Model Type
Controllers	• RFS4000 • RFS6000 • RFS7000 • WS2000 (validated up to 2.4.5) • WS5100 (validated up to 3.3.4)
Autonomous APs	• 5131 • 5181 • 7131

Support for legacy Motorola/Symbol devices is described at the end of the document.

Motorola 5.x software is not supported by AirWave.

HP® Devices

The following HP devices are supported for monitoring and software upgrades. 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.

In VisualRF, the utilization value for HP devices will be 0 because AirWave does not get utilization values for these devices.

Table 4: *HP supported firmware and devices*

Firmware Version	Model Type
Validated up to software version 5.7.1.0-12275	• HP MSS430 • HP MSM460 • HP MSM466 • HP MSM720 (controller)
Validated up to software version 5.5.3.0-01-10326	HP MSM710 (controller)

Support for additional HP devices is described at the end of the document.

Wired Ethernet Switches

Any standalone Ethernet access switch that supports the standard SNMP MIB-II objects for wired switches can be monitored by AirWave.

AirWave will collect the uptime and name/location/contact information for switches (or any device that supports SNMP). For port information, AirWave relies on the IF-MIB to collect byte counts.

MAC addresses are collected from the BRIDGE MIB and RFC1213 MIB (ARP table) in order to determine AP port assignments and identify possible rogue dvices on the network.

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 5: *Aruba MAS supported firmware and devices*

Firmware Version	Switch Type
Validated up to 7.2.2.0	Standalone switches (no stacking switches)
Validated up to 7.2.0.0	Stacked switches

Other Switches

Some switches have additional support in AirWave:

Cisco

- Automated discovery through SNMP
- Model & software version identification
- CDP neighbor information and extended port error stats
- 3750 stack information

Juniper®

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

HP ProCurve

- Automated discovery through SNMP
- Model & software version identification

Alcatel-Lucent OmniSwitch (6250 and 6450)

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

Other Devices with Monitoring Support

This version of AirWave supports monitoring for a variety of devices with software versions listed here:

Table 6: *Other Supported Devices*

Device	Supported Firmware
BelAir 200	main.2005.03.29
Cisco 4800 (Pre-VxWorks)	8.65.2
HP MSM7xx and APs	5.5.3.0-01
HP ProCurve 420	2.0.38 - 2.2.5
HP ProCurve 530	WA.01.16-WA.02.19
HP ProCureve 2626-PWR	H.10.35 (ROM H.08.02)
HP 5406 zl Switch	K.12.43 (ROM:K.12.12)
HP WESM controllers & APs • xl • zl	 • WS.01.05 - WS.02.19 • WT.01.03 - WT.01.28
Juniper Switch	10.4R1.9
Meru MC1000, MC3000, MC5000	3.3-118 - 3.6.1-49
Proxim AP-600/700	2.0 - 4.0.2

Device	Supported Firmware
Proxim AP 2000/4000	
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