This document describes new and changed features, and known issues in the AirWave 8.0.3 release. The release note includes the following sections:

- "The Support Download Page" on page 1
- "Fixed Issues" on page 1

The Support Download Page

The table below describes the different packages/files that you might see on the Support site when you download AirWave.

Table 1: *Download page file descriptions*

File name	Description
Install iso	Standalone installation media including CentOS operating system. This can fit on a CD/DVD, or it can be mounted as a virtual disk for installation.
Install tar file	Used for installation on a customer-installed CentOS or RHEL server.
Upgrade package tar file	Used for AirWave upgrades. Note that updates are only supported from up to two versions prior. Contact support if you are upgrading from three versions prior or more (for example, from 7.4 to 7.7).
Virtual appliance ova	VMware OVA template for AirWave deployment on VMware ESXi infrastructure.

Fixed Issues

The table below lists issues fixed in AirWave 8.0.3.

Table 2: *Issues Fixed in AirWave 8.0.3*

ID	Description
DE18908	Floor Upload Wizard changes are now saved correctly after clicking **Finish**.
DE19141	VisualRF is no longer using too much CPU. Previously it was using over 40% CPU.
DE19149	The Floor plan page is no longer timing out after upgrading the server to AirWave 8.x.
DE19320	The loading speed of floors in the Flash UI has been improved.
DE19358	The loading speed of densely-populated floor plans has been improved.

The table below lists issues fixed in AirWave 8.0.2.

Table 3: *Issues Fixed in AirWave 8.0.2*

ID	Description
DE17161	AirWave includes includes security fixes for Red Hat Enterprise Security Advisory RHSA-2014:0917-1, which resolves vulnerabilities that could allow users to return unencrypted information to the server.
DE18122	AirWave includes ca-certificates security update (RHSA-2013:1866-3).
DE18533	The Uptime report, which was not 100% for IAPs, has been resolved.
DE18753 DE17510	When sorting AppRF data by MAC address, the **Home > AppRF > MAC address** window filters out entries that do not have MAC address data.
DE18449	HTTPD has been updated to resolve https://rhn.redhat.com/errata/RHSA-2014-0370.html
DE18609	In VisualRF, an issue is resolved where changing the **band** setting for channel bands displayed by the VisualRF overlay triggered an error that could cause the VisualRF WebUI to stop responding and display an "Unresponsive script" error.
DE18680	In previous versions of AirWave, a file locking error could lead to concurrency issues with AirWave tools interacting with data stored in the AirWave database. This issue is resolved in AirWave 8.0.2.
DE18694	The number of items viewable on a list is changeable and maximum value is capped at 2000. **NOTE:** The user info list settings only apply to the first time viewing the list. If the setting was ever changed manually, then changing user info setting will not have any effect.
DE18733	A lock option has been added to the VisualRF floor plan to prevent accidental changes to the location of campuses, buildings, APs, etc.
DE18745	When VisualRF requests information from the AMP, it logs in with a randomly generated username and password. An improvement in AirWave 8.0.2 prevents unnecessary external authentication requests for these internally generated usernames and passwords.
DE18718	802.11ac is now bucketed by channel width (20/40/80/160). This appears corrected on the RF Performance page and lists.
DE18792	This change corrects a VRRP shutdown processing issue. Additionally, **ip access-group <name> session** is correctly understood in **interface vlan**.
DE18853 DE17510	When sorting AppRF data by MAC Address, data that does not include the MAC address is not returned.
DE18860	When list view refreshed per the console refresh rate, the list view stays on the current page and retains all filters.
DE18904	The **Restore Backup** function no longer fails between AMP and the controller.
DE18913	On the Rapids setup page, a warning message appears anytime a user enables containment.
DE18954	When selecting Show Label in Channel in VisualRF, the full ap name and 802.11 channels are displayed.
DE18968 DE18784	The change helps prevent a database lock contention between multiple processes
DE18985	The maximum viewable columns in list view is 20. Once you reach 20, the available options go grey and you cannot slide over any other column options.

Table 3: *Issues Fixed in AirWave 8.0.2 (Continued)*

ID	Description
DE18994	Exported CSV files no longer displays device uptime in epoch format. Uptime is now displayed as days, hours, minutes.
DE18997	LV pagination options are now available for 25,50,100,250,500, and Custom.
DE19143	AirWave includes includes security fixes for Red Hat Enterprise Security Advisory RHSA-2014:0924-1, which resolves vulnerabilities that could allow users to gain additional system privileges, or cause the system to stop responding.
DE19149	In VisualRF, the floor plan data is now working properly and is no longer timing out.
DE19174	Recent IAP template changes, including several Instant and IAP changes, are now available in AirWave 8.0.

The table below lists issues fixed in AirWave 8.0.1.

Table 4: *Issues Fixed in AirWave 8.0.1*

ID	Description
DE15596	If you override the **Routed Virtual Interface** value an Aruba switch inherits from its group profile, and then move that device to another group, the routed virtual interface count in the **AP/Devices > Manage** page increases correctly.
DE15994	Action icons in the UI display tooltips when you mouse over those icons.
DE17274	AirWave includes security fixes for Red Hat Enterprise Security Advisory RHSA-2014:0475-1, which resolves vulnerabilities that could allow users to gain additional system privileges, or cause the system to stop responding.
DE17619	The VPN session client graphs displayed on the Clients VPN Sessions page correctly show **Usage** as the default Y-axis value. Previously, this value was undefined until the **Usage** value was selected.
DE17642	In VisualRF, clicking on a campus or building link in the List view correctly displays the campus or building Map view, regardless of the browser used to access the AirWave WebUI.
DE17987	The **Clients > Diagnostic** page for a wired client no longer displays data fields applicable to wireless clients only.
DE18117	AirWave includes security fixes for Red Hat Enterprise Security Advisory RHSA-2014:0126-1, which resolves vulnerabilities that could allow a remote attacker to crash an OpenLDAP server.
DE18118	AirWave includes security fixes for Red Hat Enterprise Security Advisory RHSA-2013:1409-1, which resolves extended Internet daemon (xinetd) package vulnerabilities that could allow users to gain additional system privileges.
DE18125	AirWave includes security fixes for Red Hat Enterprise Security Advisory RHSA-2014:0043-1, which resolves vulnerabilities in the way Berkeley Internet Name Domain (BIND) handles queries for NSEC3-signed zones,
DE18169	If you edit a Routed Virtual Interface profile to define an IP Netmask for multiple devices, the confirmation page now correctly shows the IP Netmask value is associated with the **IP Netmask** field. In previous releases, the confirmation page incorrectly showed the netmask value associated with the **IP Address** field, even though the netmask value was correctly defined in the profile.

Table 4: *Issues Fixed in AirWave 8.0.1 (Continued)*

ID	Description
DE18182	When the **Use Global Aruba Configuration** setting is enabled in the **AMP Setup > General** page, changes to a Gigabit Ethernet interface port on the **Device setup > Aruba Configuration > Local Config Network > Ports/interfaces** page can now restrict the Gigabit Ethernet interface port setting to devices within a selected group or set of groups.
DE18371	VisualRF correctly displays properties for APs with disabled radios. In previous versions of AirWave, an AP with a disabled radio incorrectly appeared as an AP with an error in VisualRF.
DE18378	Association or neighbor lines in an HTML5 VisualRF floor plan correctly display settings for the connection PHY band (5 Ghz and/or 2.4 GHz).
DE18405	VisualRF floor plans correctly show distances in metric units (rather than US [imperial] units), when the **Use Metric Units** setting is selected in the **VisualRF > Setup** page.
DE18410	By default, VisualRF allocates 2,500 grid cells to each floor plan, and calculates grid cell size by dividing the square footage of the floor plan by 2,500. The grid cell size shown in the floor plan lists on the **VisualRF> Floor Plans** page now limits the cell size value to two decimal places. (for example, 1.85 ft.)
DE18413	Users logging in to AirWave with read-only credentials are able to change the size of VisualRF icons.
DE18419	A user logging in to AirWave with read-only credentials is no longer incorrectly logged out of AirWave when the user selects and drags a region point on a VisualRF floor plan.
DE18422	VisualRF correctly prevents users from drawing walls outside the floorplan background when editing a floor plan.
DE18437	AirWave includes security fixes for Red Hat Enterprise Security Advisory RHSA-2014-0513, which resolves a libxml2 vulnerability that could allow a remote attacker to launch a Denial of Service (DoS) attack on the system.
DE18489	An issue has been resolved where resizing a VisualRF floorplan before adding planned APs prevented the floor from loading correctly.
DE18490	An issue is resolved where settings from an Instant Virtual Controller were not imported correctly, triggering a configuration mismatch error. AirWave now correctly stores the VLAN ID, netmask and gateway for a Virtual Controller.
DE18522	The 802.11g Radio profile now appears in the list of controller profile settings that can be managed using the Aruba Controller override list in the **APs/Devices > Manage Page**.
DE18538	In VisualRF, the grid size for an AutoCad floorplan can be configured correctly using either the flash UI or the default HTML5 UI, and the size of the floorplan no longer limits the available grid size settings.
DE18551	Importing a configuration from a 7200 Series controller caused the AirWave WebUI to stop responding. This issue is resolved by changes that allow AirWave to ignore an unrecognized configuration setting imported from a controller running a newer version of ArubaOS not yet unsupported by that version of AirWave.
DE18558	The information on the **Home > UCC** page correctly refreshes with the frequency defined in the **Console Refresh Rate** field in the **Home > User** page.
DE18578	When AMP is installed on a virtual machine, the AMP monitoring process recognizes the correct number of CPU cores allocated in the VM. Previously, the monitoring process on an AMP installed on a VM did not get updated with this information, and would use the number of cores configured in the **AMP Setup > General > Performance** page.
DE18582	An issue is resolved where importing a configuration from a master controller with a local controller did not correctly add the local controller's IPsec keys.

Table 4: *Issues Fixed in AirWave 8.0.1 (Continued)*

ID	Description
DE18588	AirWave includes security fixes for OpenSSL Security Advisory CVE-2014-0224, which resolved vulnerabilities for a Man-in-the-middle (MITM) attacks that could allow an attacker to can decrypt and modify traffic from the attacked client and server.
DE18594	An issue is resolved where the AirWave WebUI would stop responding because longer data retention periods caused the cached data reach the maximum cache size of 4 Gb. There is no longer a defined limitation on the cache size, which is now limited only by the size of the AirWave server.
DE18619	The device uptime reported in the **Device Info** section of the **APs/Devices > Monito**r page displays accurate uptime values.
DE18621	The VisualRF List View correctly refreshes the information on that page with the frequency defined in the **Console Refresh Rate** field in the **Home > User** page.
DE18628	AirWave can import planned APs using the Ekahau format into VisualRF floor plans.
DE18650	The Instant GUI Configuration (IGC) feature now supports configuration of the AirWave AMS-IP, AMS-backup-IP and Organziation settings.
DE18675	An issue is resolved where rogue APs did not correctly appear in Visual RF floor plans.
DE18710	AirWave includes security fixes for Red Hat Enterprise Security Advisory RHSA-2014:0771-1, which resolves vulnerabilities that could allow local users to gain additional system privileges, or cause the system to stop responding and display an unresponsive script warning.

The table below lists issues fixed in AirWave 8.0.

Table 5: *Issues Fixed in AirWave 8.0*

ID	Description
DE15403	The default view for user graphs is now the *maximum* user count. In previous releases, user count graphs showed the *average* user count by default.
DE15629	The **client diagnostics** page no longer displays an unnecessary blue area in the **match events** popup window.
DE16457	Time stamps on for traps on the **System > Syslog & Traps** page correctly coincide with the time stamp value on SNMP trap messages.
DE17077	The **SNMP Source** column that appears in the **Client** lists has been renamed to **Source**, as this column can now show information for the following source types: ● SNMP Poll ● SNMP Trap ● AMON ● HTTPS
DE17731	The **User** column in the in the **Home > AppRF > Users** table correctly resizes to display the entire **User** name. In previous releases, longer user names could be truncated.
DE17839	Open menus close correctly when a user scrolls up and down a page in the AirWave UI using a mouse scroll wheel.
DE17939	The AppRF graphs **Trend for Top 3 Destinations** and **Trend for Top 3 Applications** correctly show data for the selected time period, without any unexpected data gaps.
DE18022	The Interface Gigabit Ethernet profile and Port Channel profiles used for Aruba device configuration includes fields for configuring a session ACL and a session VLAN ACL.
DE18078	Changes to client diagnostic page thresholds are saved as expected.

Table 5: *Issues Fixed in AirWave 8.0 (Continued)*

ID	Description
DE18133	The VisualRF **Auto-match Planned Devices** feature correctly displays the total number of floors for the view of all campuses.
DE18171	AMP has an internal whitelist that allows administrators to use the WebUI to view the log files on the **System>Status** page. If a user attempts to access a file not on this list through the WebUI, AMP displays an 'Access Denied' error message.
DE18178	An issue is resolved that prevented a VLAN without a description or AAA profile from being correctly pushed to a controller and created on the device.
DE18185	If you use the controller UI to assign an IP address to a VLAN, and then delete that VLAN from the **Device Setup > Aruba Configuration > Local Config > Network > VLANS > VLAN** page of the AirWave WebUI, AirWave correctly deletes the IP address for the VLAN before it deletes the VLAN itself. In previous versions, the VLAN was deleted *before* its IP address, triggering a configuration mismatch error.
DE18188	The DHCP Option 82 setting configurable in the **Device Setup > Aruba Configuration > Local Config>Network>IP** page of the AirWave WebUI is correctly applied to the controller configuration.
DE18275	Resizing campus icons on the **VisualRF>Network** map no longer causes the campus icons to move to an incorrect location on the map.
DE18287	Instant template configurations created and edited in AirWave support WPA2 passwords with an apostrophe (') or other special characters.
DE18367 DE18372	When you configure a report definition to allow that report to be exported via FTP or SCP, the **Reports >Definitions** page displays a warning if the FTP or SCP settings are invalid.
DE18424	You can use VisualRF to create and export a bill of materials for a campus, building or floor by right-clicking on the icon for that location, and selecting **Bill of Materials**. Earlier versions of AirWave could incorrectly display an error message when a user attempted to create a bill of materials using the right-click menu.
DE18433	VisualRF allows you to drag-and-drop an AP onto a floor plan using the Internet Explorer 11 browser.
DE18487	VisualRF supports .svg files as floor plan background images.