

Aruba Instant On Release Notes



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Revision History

The following table provides the revision history of this document.

Table 1: *Revision History*

Revision	Change Description
Revision 18	17-11-2020: Added a new chapter called Resolved Issues- to include the issues fixed in Aruba Instant On 2.2.0.
Revision 17	11-12-2020: The Aruba Instant On AP software version 2.2.0 and Switch software version 1.0.3 was released.
Revision 16	14-09-2020: The Aruba Instant On AP software version 2.1.1 and Switch software version 1.0.2 was released.
Revision 15	08-03-2020: Support for AP22 access points and Wi-Fi 6 was added.
Revision 14	07-23-2020: The Aruba Instant On mobile app version 2.1.0 and software version 2.1.0 was released.
Revision 13	06-04-2020: The Aruba Instant On software version 2.0.2 was released.
Revision 12	05-27-2020: The Aruba Instant On mobile app version 2.0.0 introduces support for Aruba Instant On Switches.
Revision 11	05-09-2020: The Aruba Instant On software version 2.0.1 was released.
Revision 10	05-04-2020: The Aruba Instant On mobile app version 2.0.0 and software version 2.0.0 was released.
Revision 09	03-02-2020: The Aruba Instant On software version 1.4.1 was released.
Revision 08	01-31-2020: The Aruba Instant On mobile app version 1.4.0 and software version 1.4.0 was released.
Revision 07	12-16-2019: The Aruba Instant On mobile app version 1.3.2 was released.
Revision 06	12-03-2019: The Aruba Instant On software version 1.3.1 was released.
Revision 05	11-14-2019: The Aruba Instant On mobile app version 1.3.1 was released.
Revision 04	11-01-2019: The Aruba Instant On mobile app version 1.3.0 and software version 1.3.0 was released.
Revision 03	09-06-2019: The Aruba Instant On mobile app version 1.2.1 was released.
Revision 02	08-23-2019: The Aruba Instant On mobile app version 1.2.0 and software version 1.2.0 was released.
Revision 01	07-30-2019: The Aruba Instant On software version 1.1.1 was released.

Contacting Support

Table 2: *Contact Information*

Main Site	arubainstanton.com
Support Site	support.arubainstanton.com
Instant On Social Forums and Knowledge Base	community.arubainstanton.com
North American Telephone	1-800-943-4526 (Toll Free) 1-408-754-1200
International Telephone	community.arubainstanton.com/t5/Contact-Support/ct-p/contact-support
EULA	https://www.arubainstanton.com/eula/
Security Incident Response Team	Site: arubanetworks.com/support-services/security-bulletins/ Email: aruba-sirt@hpe.com

Related Documents

The following guides are part of the complete documentation for the Aruba Instant On solution:

- [AP Installation Guides](#)
- [Aruba Instant On User Guide](#)
- [Aruba Instant On Online Help Center](#)

This release note covers Aruba Instant On application software, mobile app, and web application for the management of Instant On Access Points (APs) and switches. For more information on our current product offerings, visit the [Aruba Instant On website](#).

The web version of the Aruba Instant On portal can be accessed at portal.arubainstanton.com.

The following section lists the features and enhancements introduced in the different Aruba Instant On software, mobile app, and web application releases.

Version 2.2.0

This version includes the following:

- Aruba Instant On AP software version 2.2.0.
- Aruba Instant On Switch software version 1.0.3.
- Wi-Fi Enhanced Open (OWE) for encryption and privacy on open wireless networks.
- Control multicast traffic optimizations on wireless networks.
- Per-wireless network bandwidth limiting option.
- Ability to provide a specific set of DNS servers to clients.
- Notification preferences to receive alerts through email.
- Support for up to 3 site administrators.
- Graphical view of Instant On devices and site topology.
- Voice network to detect wired IP phones, for prioritization and separation of data versus voice traffic.
- 802.1X dynamic VLAN port assignment.
- Energy efficiency improvements when detecting unused or low activity switch ports.
- Additional Power over Ethernet (PoE) port options to control budget, priority and schedule.
- Ability to route between wired networks at a selected switch in a site.
- MAC locking to allow only specific wired clients to connect to an Instant On switch port.
- Bug fixes and usability enhancements.

Version 2.1.1

This version includes the following:

- Aruba Instant On AP software version 2.1.1.
- Aruba Instant On Switch software version 1.0.2.
- Bug fixes and usability enhancements.

Version 2.1.0

This version includes the following:

- Aruba Instant On AP software version 2.1.0.
- Ability to configure and monitor AP22 Wi-Fi 6 access points.

- Flexible access control options for wired networks to restrict or allow access to specific network destinations.
- Auto-detection and configuration of wired ports when connecting Instant On devices together.
- Additional wired port information to see the list of devices connected to a wired port.
- Wired network security option to prevent DHCP snooping and ARP attack.
- Improved software update site and devices status, as well as new software availability notification.
- Add Zoox Smart Data as external guest portal partner integration.
- Ability to redirect guest users to a custom URL after being presented the internal portal page.
- Display radio power information for Instant On access points.
- Possibility to configure a network schedule that spans over midnight to the next day.
- Option to provision a static IP to an Instant On access point.

Version 2.0.2

This version includes the following:

- Aruba Instant On AP software version 2.0.2.
- Disable multicast services sharing across networks by default and allow global control of the functionality due to detected issues with Sonos speakers and Chromecast devices.
- Other bugs fixes and stability improvements.



The Shared services options will be automatically turned off when upgrading to the new software. For services to continue being discovered and shared across networks, it is required to reactivate shared services from the advanced menu of the network list view in the mobile app or web application.

Version 2.0.1

This version includes the following:

- Aruba Instant On AP software version 2.0.1.
- Fixed the DLNA and Amazon TV compatibility issue.
- Other bugs fixes and stability improvements.

Version 2.0.0

This version includes the following:

- Aruba Instant On AP software version 2.0.0.
- Aruba Instant On Switch software version 1.0.1.
- Ability to configure and monitor Instant On 1930 Series switches.



Aruba Instant On 1930 Series switches will be available to order on June 1st 2020.

- Ability to add Instant On switches to a new or any existing site.
- Automatic synchronization of wired networks across Instant On devices.
- Quick view of port statuses and wired clients activity.

- Additional switch configurations, such as, Rapid spanning tree, 802.1X authentication, and Link aggregation.
- Ability to edit and rename any wired or wireless client for better identification.
- Allow full or limited access to specific network destinations for wireless clients.
- Ability to access and share typical multicast services, such as, printing, sharing and casting across networks.
- Simplified preferred partner integration with Aislelabs, Purple, Skyfii, and Wavespot for easy guest portal setup and comprehensive analytics.
- Better control over software updates to install them immediately or delay them by an additional week.

Version 1.4.1

This version includes the following:

- Bug fixes and stability improvements.

Version 1.4.0

This version includes the following:

- Support for PPPoE connectivity in Wi-Fi router mode.
- Ability to view and block applications per network.
- Ability to view top used applications per client.
- Simplified configuration of RADIUS **Network Access Attributes** and **NAS IP Address**.
- Support for **Open** Guest network security.
- Ability to control Wi-Fi band selection (2.4 GHz and 5 GHz) for wireless networks.
- Ability to enable or disable legacy 802.11b rates.
- Radio channel selection improvements and ability to control channel selection and channel width.
- Ability to turn device LED off when operating under normal conditions.
- Ability to disable application visibility engine for performance sensitive deployments.
- Improved wireless range for over-the-air connections and better support of outdoor deployments.
- Wireless client roaming performance improvements.
- Other minor bug fixes and usability enhancements.

Version 1.3.2

This version includes the following:

- Bug fixes and stability improvements.

Version 1.3.1

This version includes the following:

- Improvements made to select the best Instant On AP for over-the-air connection.
- Fixed wireless network not being broadcast on the 5 GHz radio for Israel, Japan, and Egypt.
- Bug fixes and stability improvements.

Version 1.3.0

This version includes the following:

- Support for the Aruba Instant On mobile app and web application in two new languages — Korean and Traditional Chinese.
- Possibility to block specific application categories on a network.
- Instant On devices can now be deployed as a Wi-Fi router to the Internet when it connects directly to a modem.
- Additional help and troubleshooting information is included during the initial setup of a site.
- Additional visibility and monitoring information over device connectivity and Ethernet port activity.
- New options added in the Guest Portal — Facebook Wi-Fi, third-party External Captive Portal integration).
- Instant On APs add their names in DHCP requests, allowing easier management of the network infrastructure.

Version 1.2.1

This version includes the following:

- Bugs fixes and stability improvements.

Version 1.2.0

This version includes the following:

- Multi-language support in the following languages for the Instant On mobile app and web application and also the Online Help.
 - English
 - Chinese (Simplified)
 - French
 - German
 - Italian
 - Japanese
 - Portuguese
 - Spanish (Latin America)
 - Possibility to block specific wireless clients from accessing the network.
 - Ability to limit client bandwidth usage on the network.
 - Internal DHCP for clients on employee networks
 - Bugs fixes and stability improvements.

Version 1.1.1

This version includes the following:

- 802.11r support and performance improvements when roaming between APs.
- Support for Aruba Instant On AP-17 access points.
- Bug fixes and stability improvement.

This section describes the known issues observed in Aruba Instant On 2.2.0.

Table 3: *Known Issues in Instant On 2.2.0*

Bug ID	Description
SMB-2450	When an application category is being blocked, clients currently using the application may still be allowed access until their session expires.
SMB-5891	The ACL of another network on the port is applied on the Voice VLAN. This issue occurs when the Voice VLAN is assigned dynamically to a port with a Voice device is connected into it. If that port is already assigned to another VLAN which has an ACL configured, the ACL is applied to that port. In such cases, the Voice device will inherit the ACL from both VLANs. Workaround: Add allowed destination needed for the Voice network in the Restricted access permit IP list of the dedicated network.
SMB-5948	Instant On APs are missing from the topology page. This issue could occur under the following scenarios: <ul style="list-style-type: none"> ■ When a hub type device is used to connect Instant On devices, including some ISP router and unmanaged switch that may work as hubs. ■ When an Instant On AP is connected or seeing another device that provides LLDP without capability, (example: PC windows 10), it can create some inconsistency in the topology. ■ When there is an inconsistency in the topology, it is possible that the devices may appear to be connected to the wrong device or may not appear at all. <p>This issue is not service affecting, it is only a visual issue. Workaround: Avoid the scenario where the Instant On devices are connected on a hub devices.</p>
SMB-6002	The Instant On WebUI sometimes gets stuck in the Please Wait while the site is getting online screen. This issue occurs when the Instant On switch has a trunk uplink to a non Instant On device. The LLDP neighbors are not trunk aware, therefore both, the upstream device and the Instant On switch consider the other as its uplink which creates an inconsistency in the topology and displays the message: Please wait while the site is getting online. This issue is not service affecting, it is only a visual issue. Workaround: No workaround except removing the uplink trunk port.

This section describes the issues resolved in Aruba Instant On 2.2.0.

Table 4: *Resolved Issues in Instant On 2.2.0*

Bug ID	Description
SMB-4793	AP22 radios were automatically restarting when a network change occurred. This caused the wireless clients to lose connectivity for a short period of time. This issue is resolved by removing the radio restart, to avoid any loss of connectivity on AP22 access points, when network changes are applied.
SMB-5052	Wireless clients experienced intermittent connectivity issues when associated with an Instant On AP22 access point. The fix ensures that the intermittent connectivity issue is resolved.