Aruba Instant On Release Notes

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USA

Revision History

The following table provides the revision history of this document.

Table 1: *Revision History*

Revision	Change Description
Revision 25	**10-03-2022**: Support for three new 1930 switches (JL683B, JL684B, JL686B models) is added for the 2.5.0 release and later versions.
Revision 24	**06-14-2022**: The Instant On AP software version 2.6.0 and switch software version 2.6.0 was released.
Revision 23	**07-02-2022**: The Instant On AP software version 2.5.0 and switch software version 2.5.0 was released.
Revision 22	**01-11-2021**: The Instant On mobile app version 2.4.0 was released.
Revision 21	**18-06-2021**: The Instant On mobile app version 2.3.1 was released.
Revision 20	**12-04-2020**: The Instant On mobile app version 2.3.0 was released.
Revision 19	**01-02-2021**: The Aruba Instant On AP software version 2.2.1 and Switch software version 1.0.4 was released.
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.

Table 1: *Revision History*

Revision	Change Description
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 2.6.0

This version includes the following:

- Instant On AP software version 2.6.0.
- Instant On Switch software version 2.6.0.
- Ability to disable wireless networks on specific access points.
- Guest portal with password authentication.
- Support 160 MHz channel width for over-the-air connections on AP25.
- Improved clients status and connection details.
- Adjust quiet light mode per access point.
- Bug fixes and usability enhancements.

Version 2.5.0

This version includes the following:

- Instant On AP software version 2.5.0.
- Instant On Switch software version 2.5.0.
- Support for Instant On 1830 switch series.
- Support for three newly introduced 1930 switches—JL683B, JL684B, and JL686B models.
- Provide feedback on software update progress.
- Show or hide individual devices within a stack in the topology view.
- Bug fixes and usability enhancements.

Version 2.4.0

This version includes the following:

- Instant On AP software version 2.4.0.
- Instant On 1960 Switch software version 2.4.0.
- Support for Instant On 1960 stackable switch series.

- New features available with Instant On 1960 switches:
- Cloud-managed stacking
- Onboarding an Instant On 1960 switch using a QR code
  - Tagged uplink VLAN for Instant On Access Points.
  - Retain configuration when replacing devices in a site.
  - OFDMA control for Wi-Fi 6 multiple clients optimization.
  - Ability to power cycle PoE wired client.
  - Bug fixes and usability enhancements.

Version 2.3.1

This version includes the following:

- Instant On AP software version 2.3.1.
- Instant On Switch software version 1.0.5.
- Bug fixes and usability enhancements.

Version 2.3.0

This version includes the following:

- Instant On AP software version 2.3.0.
- Improved device onboarding experience with delayed software update.
- Secure accounts with Two-Factor Authentication.
- Option to lock and prevent deletion of specific accounts.
- Adjust radio transmit power globally or per-device.
- Client-based 802.1x and MAC authentication on switch ports.
- Port or Network mirroring on Instant On switches.
- Easy troubleshooting with connectivity tests.
- Improved workflow for bulk network VLAN assignment.
- Support of 802.11k for better roaming experience.
- Wi-Fi router client IP reservation.
- Automatic spanning-tree bridge priority assignment.
- Bug fixes and usability enhancements.

Version 2.2.1

This version includes the following:

- Aruba Instant On AP software version 2.2.1.
- Aruba Instant On Switch software version 1.0.4.
- Bug fixes and usability enhancements.

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.

NOTE 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.

NOTE 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:

- Bugs 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 2.6.0.

■ When an application category is being blocked, clients currently using the application may still be allowed access until their session expires.