Aruba Instant On 1930 Switch Series Release Notes

Version 1.0.7.0_141

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Description

This release note covers software versions for the 1.0 branch of the software.

Version 1.0.1.0_113 is the initial release of major version 1.0.

Product series supported by this software:

- Aruba Instant On 1930 Switch Series

Important Information

To avoid damage to your equipment, do not interrupt power to the switch during a software update.

Aruba recommends always updating to the latest version of software to ensure the best performance for your switch.

Software version 1.0.7.0 includes a system update *required* to ensure correct operation of the device hardware peripherals—it is not optional.

To perform the update:

1. Execute a firmware upgrade through the local web interface using normal procedures.
2. Upon completion, select reboot to activate the newly installed image.

    After login, the administrator will be presented with a confirmation dialog to initiate the system update.

3. Select **Install Update** to proceed.

    The system update installation will initiate a reboot of the device and may take several minutes.

    Following the installation, a second reboot will be automatically initiated to activate the new version.

Make sure to not disconnect power to the device until the entire system update process is complete.

Version History

All released versions are fully supported by Aruba, unless noted in the table.

Version number	Release date	Remarks
1.0.7.0_141	2021-11-01	Released, fully supported, and posted to the web.
1.0.5.0_139	2021-06-18	Released, fully supported, and posted to the web.
1.0.4.0_133	2021-02-02	Released, fully supported, and posted to the web.
1.0.2.0_125	2020-09-14	Released, fully supported, and posted to the web.
1.0.1.0_116	2020-07-09	Released, fully supported, and posted to the web.
1.0.1.0_113	2020-06-01	Initial release of the Aruba Instant On 1930 software. Released, fully supported, and posted to the web.

Products Supported

This release applies to the following product models:

Product number	Description
JL680A	Aruba Instant On 1930 8G 2SFP Switch
JL681A	Aruba Instant On 1930 8G Class 4 PoE 2SFP 124W Switch
JL682A	Aruba Instant On 1930 24G 4SFP/SFP+ Switch
JL683A	Aruba Instant On 1930 24G Class 4 PoE 4SFP/SFP+ 195W Switch
JL684A	Aruba Instant On 1930 24G Class 4 PoE 4SFP/SFP+ 370W Switch
JL685A	Aruba Instant On 1930 48G 4SFP/SFP+ Switch
JL686A	Aruba Instant On 1930 48G Class 4 PoE 4SFP/SFP+ 370W Switch

Compatibility/Interoperability

The switch web agent supports the following web browsers:

Operating system	Browser
Windows 7	Internet Explorer Edge Chrome version 79 or higher Firefox version 73 or higher
Windows 10	Internet Explorer Edge Chrome version 79 or higher Firefox version 73 or higher
Mac OS X 10.12 to 10.14	Safari version 13 or higher Chrome version 79 or higher Firefox version 73 or higher

Operating system	Browser
Linux OS 2.6, 3.11	Chrome version 79 or higher Firefox version 73 or higher

Aruba recommends using the most recent version of each browser as of the date of this release note.

Enhancements

This section lists released builds that include enhancements found in this branch of the software. Software enhancements are listed in reverse-chronological order, with the newest on the top of the list. Unless otherwise noted, each software version listed includes all enhancements added in earlier versions.

Version 1.0.5.0_139

Type	Description
Voice VLAN	Added Polycom and Yealink IP phone OUIs to the default voice VLAN settings. The administrator must select the Restore Defaults icon in the Telephone OUI Settings to activate the updates.
Web UI	Added 1G physical port speed setting to the local web interface.

Fixes

This section lists released builds that include fixes found in this branch of the software. Software fixes are listed in reverse-chronological order, with the newest on the top of the list. Unless otherwise noted, each software version listed includes all fixes added in earlier versions.

The Symptom statement describes what a user might experience if this is seen on the network. The Scenario statement provides additional environment details and trigger summaries. When available, the Workaround statement provides a workaround to the issue for customers who decide not to update to this version of software.

The Bug ID is used for tracking purposes.

Version 1.0.7.0_141

Type	Bug ID	Description
Authentication	SMBS-9	**Symptom/Scenario:** The switch allows passwords with the $ or & characters to be created, but rejects the passwords during login.
CoS	SMBS-5	**Symptom/Scenario:** Modified queue configuration settings are reverted to default settings following a reboot.
Login	SMBS-4	**Symptom/Scenario:** Username/password settings intermittently fail following firmware update to v1.0.4.0. **Workaround:** Rebooting the switch restores login credentials.

Type	Bug ID	Description
PoE	1070-001	**Symptom/Scenario:** Connecting LAN clients, such as laptops, to a PoE-enabled port results in false positive errors. **Workaround:**The fault indicators (PoE fault LED and Device Image port status) self-correct within 20 seconds.
SNMP	1070-003	**Symptom/Scenario:** When adding a new SNMP view configuration, the **OID Tree** field is limited to 20 characters.
Web UI	1070-002	**Symptom/Scenario:** After configuration changes, the **Save** icon takes longer than expected to display or fails to display at all. **Workaround:** Save the Running configuration to the Start-up configuration to preserve the new configuration settings.

Version 1.0.5.0_139

Type	Bug ID	Description
MAC Address Table	1050-002	**Symptom/Scenario:** Microsoft teaming server loses connection to the network when multiple teamin links fail.
Port Security	1050-001	**Symptom/Scenario:** The web interface does not allow Port Security to be disabled after it has been enabled. **Workaround:** Upload a configuration file to the switch with Port Security set to disabled.
Transceivers	1050-003	**Symptom/Scenario:** The switch experiences random or no connectivity when using certain J8177D transceivers.

Version 1.0.4.0_133

Type	Bug ID	Description
ARP	1040_001	**Symptom/Scenario:** Enabling Proxy ARP results in a crash when a connected client is using a link local address. **Workaround:** Disable Proxy ARP.
LLDP	1010_02	**Symptom/Scenario:** On rare occasions, the LLDP neighbor feature reports an IPv6 address instead of an IPv4 address for remote devices connected to an SFP or SFP+ port. **Workaround:**Disconnect and reconnect the device.

Version 1.0.2.0_125

Type	Bug ID	Description
File management	1020_001	**Symptom/Scenario:** Text displays incorrectly in various output files and display fields.
Power over Ethernet	1020_002	**Symptom/Scenario:** The high power mode setting shows disabled instead of enabled when delivering high power PoE. **Workaround:** Refer to the Output Power field to identify the correct power delivery value.

Version 1.0.1.0_116

Type	Bug ID	Description
LED	1010_01	**Symptom:** The cloud LED on the switch flashes indefinitely. **Scenario:** Upon initial boot up or following a factory reset, the cloud LED flashes indefinitely until the switch is connected to the network or LAN client. **Workaround:** Connect the switch to the network or a LAN client (for example, laptop or printer).
System	1010_03	**Symptom:** The switch fails to boot up and subsequent reboot attempts also fail. **Scenario:** In rare circumstances, an error may be encountered that prevents reading the boot image.

Contacting Support

Main site	https://www.arubainstanton.com/
Support site	https://support.arubainstanton.com/
Social forums and knowledge base	https://community.arubainstanton.com/
Telephone	https://www.arubainstanton.com/contact-support/
EULA	https://www.arubainstanton.com/eula/
Security	https://www.arubanetworks.com/support-services/security-bulletins/ Email: mailto: aruba-sirt@hpe.com