Aruba Instant On 1830 Switch Series Release Notes

Version 2.8.1.35

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Description

This release note covers software versions for the 2.0 branch of the software. Version 2.8.1.35 is the seventh release of major version 2.0.

Product series supported by this software:

- Aruba Instant On 1830 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.

Version History

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

Version number	Release date	Remarks
2.8.1.35	2023-06-14	Released, fully supported, and posted to the web.
2.8.0.17	2023-03-16	Released, fully supported, and posted to the web.
2.7.0.103	2022-11-09	Released, fully supported, and posted to the web.
2.6.0.75	2022-11-09	Released, fully supported, and posted to the web.
2.6.0.73	2022-06-23	Released, fully supported, and posted to the web.
2.5.0.48	2022-02-07	Released, fully supported, and posted to the web.
2.5.0.45	2022-02-07	Initial 2.0 release of the Aruba Instant On 1830 software. Released, fully supported, and posted to the web.

Products Supported

This release applies to the following product models:

Product number	Description
JL810A	Aruba Instant On 1830 8G Switch
JL811A	Aruba Instant On 1830 8G 4p Class4 PoE 65W Switch
JL812A	Aruba Instant On 1830 24G 2SFP Switch
JL813A	Aruba Instant On 1830 24G 12p Class4 PoE 2SFP 195W Switch
JL814A	Aruba Instant On 1830 48G 4SFP Switch
JL815A	Aruba Instant On 1830 48G 24p Class4 PoE 4SFP 370W Switch

Compatibility/Interoperability

The switch web agent supports the following web browsers:

Operating system	Browser
Windows 7	Chrome version 87 or higher Firefox version 84 or higher
Windows 10	Chrome version 87 or higher Firefox version 84 or higher
Mac OS X 10.15	Safari version 14 or higher Chrome version 87 or higher Firefox version 84 or higher
Linux OS 2.6, 3.11	Chrome version 87 or higher Firefox version 84 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 2.8.1.35

There are no enhancements introduced in this release.

Version 2.8.0.17

There are no enhancements introduced in this release.

Version 2.7.0.103

The following enhancements are introduced in this release:

Type	Description
Interoperability	Multiple enhancements have been made to improve interoperability with third-party devices.
SNMP	Update to ensure switches use the default SNMP engineID following config-file upload.
WebUI	Corrected errors in the online help.

Version 2.6.0.75

Type	Description
Hardware	Added support for new memory components.

Version 2.6.0.73

There are no enhancements introduced in this release.

Version 2.5.0.48

There are no enhancements introduced in this release.

Version 2.5.0.45

Initial release of the Aruba Instant On 1830 software. Released, fully supported, and posted to the web.

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 2.8.1.35

Type	Bug ID	Description
Diagnostics	28135-0001	**Symptom/Scenario**: In the support file, the cable test section displays only fourteen interfaces. **Workaround**: Review the WebUI to get the Cable Test results.

Type	Bug ID	Description
Diagnostics	28135-0002	**Symptom/Scenario**: Missing information in support files. In this version, the support files include Device SKU, Management information (Device IPv4, HTTP management parameters and Management VLAN), Class of Service, and DoS Protection. **Workaround**: Review the WebUI to get configured values.

Version 2.8.0.17

Type	Bug ID	Description
Diagnostics	SMBS-11	**Symptom/Scenario**: The IPv4 and IPv6 Ping Interval time settings are missing. **Workaround**: None.
SNMP	28017-0002	**Symptom/Scenario**: SNMP users show corrupted Group Names in the UI. This affects only the UI but SNMP works correctly. **Workaround**: None.

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Type	Bug ID	Description
Configuration File	270103-0001	**Symptom/Scenario**: Errors can appear when a user is copying running-config file to backup-config. **Workaround**: Copy running-config file to startup-config file and later to backup-config.
VLAN	26073-0002	**Symptom/Scenario**: VLAN Interface configuration does not update the PVID value of a port when the port is added to a VLAN with untagged membership. **Workaround**: Modify the PVID manually to match the VLAN in which the port was included.
Diagnostics	270103-0003	**Symptom/Scenario**: The Ping Timeout time setting is labeled incorrectly as Interval. The ping interval time is not configurable and set to one second by default. **Workaround**: None
RADIUS	270103-0004	**Symptom/Scenario**: VLANs created by RADIUS authentication show a wrong name. **Workaround**: None
WebUI	270103-0005	**Symptom/Scenario**: Web session remains open after setting the user password for the first time. **Workaround**: Users should re-login after resetting the default username or password.
SNMP	SMBS-15	**Symptom/Scenario**: SNMP groups with the word **default** in its name cannot be deleted. **Workaround**: None
SNMP	SMBS-21	**Symptom/Scenario**: If the SNMP local engine ID field is manually deleted from the config-file, an invalid value will be displayed in the webUI.

Type	Bug ID	Description
		Workaround: Factory reset will regenerate and properly display a unique SNMP engine ID.
LLDP	SMBS-30	**Symptom/Scenario**: Resolved issue recognizing certain special characters in the LLDP TLV's which generates **Connection to the device is lost** pop-ups. **Workaround**: None

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There are no new resolved issues in this release.

Version 2.6.0.73

Type	Bug ID	Description
Spanning Tree Protocol	26073-0002	**Symptom/Scenario**: Loops may occur on the network when the TCN (Topology Change Notification) feature is enabled on all switch ports. **Workaround**: Disable TCN Guard.
WebUI	26073-0001	**Symptom/Scenario**: The SFP/SFP+ ports tool tip is missing from the graphical Device Image. **Workaround**: Navigate to the Port Configuration or Event log to identify the transceiver type.

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Type	Bug ID	Description
LEDs	25045-001	**Symptom/Scenario**:Pressing the external reset pin for more than 5 seconds should turn on the front panel LEDs. **Workaround**: Not required. Factory reset will occur after pressing the external reset pin for more than 5 seconds.
EEE	25045-002	**Symptom/Scenario**: EEE is disabled by default instead of enabled. **Workaround**: Manually enable EEE.
User Accounts	25045-003	**Symptom/Scenario**: Password lockout feature is enabled by default instead of disabled. **Workaround**: Manually disable the Password Lockout feature.

Version 2.5.0.45

Initial release of the Aruba Instant On 1830 software. Released, fully supported, and posted to the web.

Known Issues

Version 2.8.1.35

Type	Bug ID	Description
IGMP	SMBS-68	**Symptom/Scenario**: Enabling IGMP Snooping for eight or more VLANs simultaneously causes the switch to reset. **Workaround**: Enable IGMP in smaller (four or less) groups of VLANs.
WebUI	28135-0003	**Symptom/Scenario**: Unable to upgrade a valid image after getting an error on upgrading invalid image. **Workaround**: Refresh the web page.

Version 2.8.0.17

There are no new known issues in this release.

Version 2.7.0.103

Type	Bug ID	Description
Diagnostics	SMBS-11	**Symptom/Scenario**: The IPv4 and IPv6 Ping and Traceroute Interval time settings are missing. **Workaround**: None

Version 2.6.0.75

There are no new known issues in this release.

Version 2.6.0.73

Type	Bug ID	Description
Diagnostics	26073-0003	**Symptom/Scenario**: The Ping Interval time setting is labeled incorrectly as Timeout. **Workaround**: None.
SNMP	26073-0004	**Symptom/Scenario**: If the SNMP engine ID field is manually deleted from the Configuration file, an invalid value will be displayed in the webUI. **Workaround**: Factory reset will regenerate and properly display a unique SNMP engine ID.
VLAN	26073-0005	**Symptom/Scenario**: VLAN Interface Configuration does not update the ports PVID value when added to a VLAN with untagged membership. **Workaround**: Modify the port VID manually to match the VLAN in which the port was included.

Version 2.5.0.48

Type	Bug ID	Description
Web UI	25045-004	**Symptom/Scenario**: The SFP+ ports tool tip is missing from the graphical device Image. **Workaround**: Navigate to the Port Configuration or Event log to identify the transceiver type.
HTTP	25045-005	**Symptom/Scenario**: HTTP soft session timeout may fail when using non-default values. **Workaround**: Utilize the default value (10 minutes).

Version 2.5.0.45

Type	Bug ID	Description
LEDs	25045-001	**Symptom/Scenario**:Pressing the external reset pin for more than 5 seconds should turn on the front panel LEDs. **Workaround**: Not required. Factory reset will occur after pressing the external reset pin for more than 5 seconds.
EEE	25045-002	**Symptom/Scenario**: EEE is disabled by default instead of enabled. **Workaround**: Manually enable EEE.
User Accounts	25045-003	**Symptom/Scenario**: Password lockout feature is enabled by default instead of disabled. **Workaround**: Manually disable the Password Lockout feature.
Web UI	25045-004	**Symptom/Scenario**: The SFP+ ports tool tip is missing from the graphical device Image. **Workaround**: Navigate to the Port Configuration or Event log to identify the transceiver type.
HTTP	25045-005	**Symptom/Scenario**: HTTP soft session timeout may fail when using non-default values. **Workaround**: Utilize the default value (10 minutes).

Contacting Support

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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