HPE Networking Instant On 1830 Switch Series

Release Notes

Instant On

Hewlett Packard Enterprise

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Chapter 1
Release Notes

Description

This release note covers software versions for the 3.3.4 branch of the software.

Product series supported by this software:

- HPE Networking Instant On 1830 Switch Series

Important Information

To avoid damage to your equipment, do not interrupt power to the switch during a software update. HPE Networking Instant On 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 HPE Networking Instant On, unless noted in the table.

Version number	Release date	Remarks
3.3.4	2025--3-26	Released, fully supported, and posted to the web.
3.3.2	2025-12-11	Released, fully supported, and posted to the web.
3.3.0	2025-08-28	Released, fully supported, and posted to the web.
3.2.0	2025-03-11	Released, fully supported, and posted to the web.
3.1.0	2024-11-25	Released, fully supported, and posted to the web.
3.0.0	2024-07-22	Released, fully supported, and posted to the web.
2.9.1.17	2024-03-15	Released, fully supported, and posted to the web.
2.9.0.53	2023-11-01	Released, fully supported, and posted to the web.
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.

Version number	Release date	Remarks
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	HPE Networking Instant On Switch 8p Gigabit 1830
JL811A	HPE Networking Instant On Switch 8p Gigabit CL4 PoE 65W 1830
JL812A	HPE Networking Instant On Switch 24p Gigabit 2p SFP 1830
JL813A	HPE Networking Instant On Switch 24p Gigabit CL4 PoE 2p SFP 195W 1830
JL814A	HPE Networking Instant On Switch 48p Gigabit 4p SFP 1830
JL815A	HPE Networking Instant On Switch 48p Gigabit CL4 PoE 4p SFP 370W 1830

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

HPE Networking Instant On 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 3.3.4

There are no enhancements introduced in this release.

Version 3.3.2

There are no enhancements introduced in this release.

Version 3.3.0

There are no enhancements introduced in this release.

Version 3.2.0

There are no enhancements introduced in this release.

Version 3.1.0

There are no enhancements introduced in this release.

Version 3.0.0

Type	Description
WebUI	Local web management pages are updated with the HPE Networking Instant On brand.

Version 2.9.1.17

Type	Description
Transceivers	Added support for the following HPE Networking Instant On transceiver: ■ S0G20A: HPE NW ION 1G SFP LC LX 10km SMF XCVR

Version 2.9.0.53

There are no enhancements introduced in this release.

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 3.3.4

Type	Bug ID	Description
WebUI	33403-0001	**Symptom/Scenario:** HTTPS certificate private key is displayed when the web session is connected over HTTP. **Workaround**: N/A

Version 3.3.2

Type	Bug ID	Description
SNMP	SMBS-210	**Symptom/Scenario**: Retrieving interface statistics using SNMP may return an invalid value. **Workaround**: N/A
Security	33205-0001	**Symptom/Scenario**: Upgraded iputils open-source software to version 20250605. This includes fixes for CVE 2025-47268, CVE 2025-48964. **Workaround**: N/A
Security	33205-0002	**Symptom/Scenario**: Upgraded sqlite open-source software to version 3.50.4. Resolves CVE-2025-6965. **Workaround**: N/A
Security	33205-0003	**Symptom/Scenario**: Upgraded rsync open-source software to version 3.4.1. Resolves CVE-2024-12085, CVE-2024-12086, CVE-2024-12087, CVE-2024-12088. **Workaround**: N/A
Security	33205-0004	**Symptom/Scenario**: Updated jquery-validation open-source software to version 1.21.0. Resolves CVE-2025-3573. **Workaround**: N/A

Version 3.3.0

Type	Bug ID	Description
Security	33009-0001	**Symptom/Scenario**: OpenSSL is now upgraded to 3.0.15. This includes fixes for CVE-2024-13176. **Workaround**: N/A

Type	Bug ID	Description
Security	33009-0002	**Symptom/Scenario**: dnsmasq is now upgraded to 2.90-1. This includes fixes for CVE-2023-28450, CVE-2022-0934, CVE-2021-3448. **Workaround**: N/A

Version 3.2.0

There are no new resolved issues in this release.

Version 3.1.0

Type	Bug ID	Description
SNMP	3190-0002	**Symptom/Scenario:** The OID for the manufacturer's name of the physical component has been updated to HPE Networking Instant On.
WebUI	3190-0003	**Symptom/Scenario:** Added minor cosmetic changes in the device shown in web management dashboard.

Version 3.0.0

Type	Bug ID	Description
GUI	28135-0003	**Symptom/Scenario**: WebUI becomes unresponsive when the firmware is uploaded using an incompatible device image or when the firmware downgrade prevention feature is enabled. **Workaround**: Refresh the web page.

Version 2.9.1.17

Type	Bug ID	Description
VLAN	29053-0003	**Symptom/Scenario**: Added a mechanism to prevent deleting switch ports from all VLANs. **Workaround**: None.
WebUI	29117-0003	**Symptom/Scenario**: Added minor cosmetic changes in the web management platform. **Workaround**: None.

Version 2.9.0.53

Type	Bug ID	Description
Security	SMBS-97	**Symptom/Scenario**: The switch does not allow uploading valid CA-signed certificates larger than 3 KB in size. **Workaround**: Upload a valid certificate smaller than 3 KB.
WebUI	29053-0001	**Symptom/Scenario**: Corrected error message text when creating a user account that already exists. **Workaround**: None.

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.
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.

Version 2.7.0.103

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.

Version 2.6.0.75

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.

Version 2.5.0.48

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 3.3.4

There are no new known issues in this release.

Version 3.3.2

There are no new known issues in this release.

Version 3.3.0

There are no new known issues in this release.

Version 3.3.0

There are no new known issues in this release.

Version 3.2.0

There are no new known issues in this release.

Version 3.1.0

There are no new known issues in this release.

Version 3.0.0

There are no new known issues in this release.

Version 2.9.1.17

Type	Bug ID	Description
GUI	28135-0003	**Symptom/Scenario**: Attempting to upload firmware using an incompatible device image or with firmware downgrade prevention enabled will cause the UI to hang. **Workaround**: Refresh the web page.

Version 2.9.0.53

Type	Bug ID	Description
VLAN	29053-0003	**Symptom/Scenario**: After deleting a VLAN, ports with untagged membership are not reassigned to a VLAN. **Workaround**: Manually add the affected ports a VLAN.

Version 2.8.1.35

Type	Bug ID	Description
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.

Type	Bug ID	Description
		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).

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