

# Aruba Instant On 1960 Switch Series Release Notes

**Version 2.9.1.17**



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### Description

This release note covers software versions for the 2.0 branch of the software. Version 2.9.1.17 is the eighth release of major version 2.0.

Product series supported by this software:

- Aruba Instant On 1960 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
2.9.1.17	2024-03-15	Release of version 2.9.1.17 of the Aruba Instant On 1960 software. 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	2023-09-19	Released, fully supported, and posted to the web.
2.8.0.17	2023-03-16	Release of version 2.8.0.17 of the Aruba Instant On 1960 software. Released, fully supported, and posted to the web.
2.7.0.103	2022-11-09	Release of version 2.7.0.103 of the Aruba Instant On 1960 software. Released, fully supported, and posted to the web.
2.6.0.73	2022-06-23	Release of version 2.6.0.73 of the Aruba Instant On 1960 software. Released, fully supported, and posted to the web.
2.5.0.67	2022-02-07	Release of version 2.5.0.67 of the Aruba Instant On 1960 software. Released, fully supported, and posted to the web.
2.4.0	2021-11-01	Initial release of the Aruba Instant On 1960 software. Released, fully supported, and posted to the web.

## Products Supported

This release applies to the following product models:

Product number	Description
JL805A	Aruba Instant On 1960 12XGT 4SFP+ Switch
JL806A	Aruba Instant On 1960 24G 2XGT 2SFP+ Switch
JL807A	Aruba Instant On 1960 24G 20p Class4 4p Class6 PoE 2XGT 2SFP+ 370W Switch
JL808A	Aruba Instant On 1960 48G 2XGT 2SFP+ Switch
JL809A	Aruba Instant On 1960 48G 40p Class4 8p Class6 PoE 2XGT 2SFP+ 600W Switch
S0F35A	Aruba Instant On 1960 8p 1G Class 4 4p SR1G/2.5G Class 6 PoE 2p 10GBASE-T 2p SFP+ 480W 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



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

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## 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 2.9.1.17

Type	Description
Transceivers	Added support for the following HPE Networking Instant On transceivers: <ul style="list-style-type: none"><li>■ S0G21A: HPE NW ION 10G SFP+ LC LR 10km SMF XCVR</li><li>■ S0G20A: HPE NW ION 1G SFP LC LX 10km SMF XCVR</li><li>■ S0G18A: HPE NW ION 10GBASE-T RJ45 30m Cat6A XCVR</li></ul>



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Added support for Aruba 10GBase-T transceivers.

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### Version 2.9.0.53

Type	Description
SNMP	Added an SNMP Filter Configuration interface to the SNMP webpage.
Stacking	Provided a warning message informing the customer a reboot is required to activate stacking interfaces.

### Version 2.8.1.35

There are no new features or enhancements in this release.

### Version 2.8.0.17

There are no new features or enhancements in this release.

### Version 2.7.0.103

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	Added HTTP or HTTPS RADIUS device management authentication settings.
WebUI	Fixed maximum number of stack ports supported in online help.
WebUI	Corrected errors in the online help.

## Version 2.6.0.73

Type	Description
SNMP	Removed restriction to allow SNMP management from non-management VLANs.

## Version 2.5.0.67

There are no new feature enhancements in this release.

## Version 2.4.0

There are no new feature enhancements in this release.

## 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.



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The number that precedes the fix description is used for tracking purposes.

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### Version 2.9.1.17

Type	Bug ID	Description
VLAN	29053-0003	<b>Symptom/Scenario:</b> Added a mechanism to prevent deleting switch ports from all VLANs. <b>Workaround:</b> None.
WebUI	29117-0003	<b>Symptom/Scenario:</b> Added minor cosmetic changes in the web management platform. <b>Workaround:</b> None.
Routing	SMBS-145	<b>Symptom/Scenario:</b> When configuring a static route to an individual host, the web-interface prevents use of subnet mask 255.255.255.255. <b>Workaround:</b> Manually modify the running config file with static route and subnet mask configurations then upload it to the switch.

### Version 2.9.0.53

Type	Bug ID	Description
ACL	29053-0002	<b>Symptom/Scenario:</b> Applying an ACL to an interface or VLAN can generate an error message indicating lack of resources. <b>Workaround:</b> Attempt to apply the ACL a second time.
IGMP	SMBS-68	<b>Symptom/Scenario:</b> Enabling IGMP Snooping for eight or more VLANs simultaneously causes the switch to reset. <b>Workaround:</b> Enable IGMP snooping in smaller groups of VLANs.
Security	SMBS-97	<b>Symptom/Scenario:</b> The switch does not allow uploading valid CA-signed certificates larger than 3 kB in size. <b>Workaround:</b> : Upload a valid certificate smaller than 3 KB.
WebUI	29053-0001	<b>Symptom/Scenario:</b> Corrected error message text when creating a user account that already exists. <b>Workaround:</b> None.

### Version 2.8.1.35

Type	Bug ID	Description
Diagnostics	228135-0001	<b>Symptom/Scenario:</b> In the support file, the cable test section displays only 14 interfaces. <b>Workaround:</b> Review GUI to get the Cable Test results.
WebUI	29117-0003	<b>Symptom/Scenario:</b> 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. <b>Workaround:</b> Review GUI to get configured values.

## Version 2.8.0.17

Type	Bug ID	Description
Web	28017-0004	<b>Symptom/Scenario:</b> When performing a firmware update in a stacking configuration there is no feedback to the customer about the status of the update. <b>Workaround:</b> None.
Configuration	28017-0003	<b>Symptom/Scenario:</b> Copying an image to stack when connected through HTTPS could produce a crash. <b>Workaround:</b> Copy the image before adding the switch to a stack.
Diagnostics	SMBS-11	<b>Symptom/Scenario:</b> The IPv4 and IPv6 Ping Interval time settings are missing. <b>Workaround:</b> None.
SNMP	28017-0002	<b>Symptom/Scenario:</b> SNMP users show corrupted Group Names in the UI. This affects only the UI but SNMP works correctly. <b>Workaround:</b> None.

## Version 2.7.0.103

Type	Bug ID	Description
Configuration File	270103-0001	<b>Symptom/Scenario:</b> Errors can appear when a user is copying running-config file to backup-config. <b>Workaround:</b> Copy running-config file to startup-config file and later to backup-config.
VLAN	26073-0002	<b>Symptom/Scenario:</b> VLAN Interface configuration does not update the PVID value of a port when the port is added to a VLAN with untagged membership. <b>Workaround:</b> Modify the PVID manually to match the VLAN in which the port was included.
Diagnostics	270103-0003	<b>Symptom/Scenario:</b> The Ping Timeout time setting is labeled incorrectly as Interval. The ping interval time is not configurable and set to one second by default. <b>Workaround:</b> None
RADIUS	270103-0004	<b>Symptom/Scenario:</b> VLANs created by RADIUS authentication show a wrong name. <b>Workaround:</b> None



Type	Bug ID	Description
WebUI	270103-0005	<b>Symptom/Scenario:</b> Web session remains open after setting the user password for the first time. <b>Workaround:</b> Users should re-login after resetting the default username or password.
SNMP	SMBS-15	<b>Symptom/Scenario:</b> SNMP groups with the word <b>default</b> in its name cannot be deleted. <b>Workaround:</b> None
SNMP	SMBS-21	<b>Symptom/Scenario:</b> If the SNMP local engine ID field is manually deleted from the config-file, an invalid value will be displayed in the webUI. <b>Workaround:</b> Factory reset will regenerate and properly display a unique SNMP engine ID.
LLDP	SMBS-30	<b>Symptom/Scenario:</b> Resolved issue recognizing certain special characters in the LLDP TLV's which generates <b>Connection to the device is lost</b> pop-ups. <b>Workaround:</b> None

## Version 2.6.0.73

The following issues are resolved in this release:

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

## Version 2.5.0.67

The following issues are resolved in this release:

Type	Bug ID	Description
ACL	25067-001	<b>Symptom/Scenario:</b> Second ACL applied to an interface isn't properly saved <b>Workaround:</b> Reboot the device to apply the second ACL
Web UI	25067-002	<b>Symptom/Scenario:</b> The current copyright statement is not up to date. <b>Workaround:</b> N/A

## Version 2.4.0

There are no new resolved issues in this release.

## Known Issues

### Version 2.9.1.17

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

### Version 2.9.0.53

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

### Version 2.8.1.35

Type	Bug ID	Description
GUI	28135-0003	<b>Symptom/Scenario:</b> Attempting to upload firmware using an incompatible device image or with firmware downgrade prevention enabled will cause the UI to hang.. <b>Workaround:</b> 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	<b>Symptom/Scenario:</b> The IPv4 and IPv6 Ping and Traceroute Interval time settings are missing. <b>Workaround:</b> None

### Version 2.6.0.73

Type	Bug ID	Description
Diagnostics	26073-0003	<b>Symptom/Scenario:</b> The Ping Interval time setting is labeled incorrectly as Timeout. <b>Workaround:</b> None.

Type	Bug ID	Description
SNMP	26073-0004	<b>Symptom/Scenario:</b> If the SNMP engine ID field is manually deleted from the Configuration file, an invalid value will be displayed in the webUI. <b>Workaround:</b> Factory reset will regenerate and properly display a unique SNMP engine ID.
VLAN	26073-0005	<b>Symptom/Scenario:</b> VLAN Interface Configuration does not update the ports PVID value when added to a VLAN with untagged membership. <b>Workaround:</b> Modify the port VID manually to match the VLAN in which the port was included.

## Version 2.5.0.67

Type	Bug ID	Description
Web UI	25067-003	<b>Symptom/Scenario:</b> The SFP+ ports tool tip is missing from the graphical device Image. <b>Workaround:</b> Navigate to the port configuration or event log to identify the transceiver type.
HTTP	25067-006	<b>Symptom/Scenario:</b> HTTP soft session timeout may fail when using non-default values. <b>Workaround</b> - Utilize the default value (10 minutes).

## Version 2.4.0

There are no new known issues in this release.

## Contacting Support

Main site	<a href="https://www.arubainstanton.com/">https://www.arubainstanton.com/</a>
Support site	<a href="https://support.arubainstanton.com/">https://support.arubainstanton.com/</a>
Social forums and knowledge base	<a href="https://community.arubainstanton.com/">https://community.arubainstanton.com/</a>
Telephone	<a href="https://www.arubainstanton.com/contact-support/">https://www.arubainstanton.com/contact-support/</a>
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