

NetEdit 2.6.1 Release Notes



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Description

NetEdit provides automation of search, edit, validation, deployment, and audit for network configurations. It provides intelligent assistance and continuous validation to help ensure that device configurations are consistent, compliant, and error free. NetEdit can be used without retraining, by leveraging your existing knowledge and experience with switch configuration. This enables you to automate switch configuration change workflows without programming.

For additional details, see the latest Aruba NetEdit datasheet located at https://www.arubanetworks.com/assets/ds/DS_NetEdit.pdf

Version history

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

| Version number | Release date | Remarks |
|----------------|--------------|---|
| 2.5.0 | 2022-11-30 | Released, fully supported, and posted to the web. |
| 2.4.0 | 2022-06-06 | Released, fully supported, and posted to the web. |
| 2.3.0 | 2022-02-26 | Released, fully supported, and posted to the web. |
| 2.2.1 | 2021-12-17 | Released, fully supported, and posted to the web. |
| 2.2.0 | 2021-12-10 | Initial release of the 2.2 major version of NetEdit software. Released, fully supported, and posted to the web. |
| 2.1.3 | 2021-10-29 | Released, fully supported, and posted to the web. |
| 2.1.2 | 2021-09-20 | Released, fully supported, and posted to the web. |
| 2.1.1 | 2021-08-13 | Released, fully supported, and posted to the web. |
| 2.1.0 | 2021-04-16 | Initial release of the 2.1 major version of NetEdit software. Released, fully supported, and posted to the web. |

Important information

This section contains important information about NetEdit.

Administrators will not be able to run some network-related utilities on the OVA as they may not have been installed or were made unavailable to harden the system from probes or attacks. For example, `ping` is only available to root so users on the system cannot probe the network with `ping`.

Devices supported

Installation of this release enables support for the following devices:

| Product number | Description |
|----------------|--|
| JL658A | Aruba 6300M 24-port SFP+ and 4-port SFP56 Switch |
| JL661A | Aruba 6300M 48-port 1GbE PoE Class 4 and 4-port SFP56 Switch |
| JL662A | Aruba 6300M 24-port 1GbE PoE Class 4 and 4-port SFP56 Switch |
| JL663A | Aruba 6300M 48-port 1GbE and 4-port SFP56 Switch |
| JL664A | Aruba 6300M 24-port 1GbE and 4-port SFP56 Switch |
| JL665A | Aruba 6300F 48-port 1GbE PoE Class 4 and 4-port SFP56 Switch |
| JL666A | Aruba 6300F 24-port 1GbE PoE Class 4 and 4-port SFP56 Switch |
| JL667A | Aruba 6300F 48-port 1GbE and 4-port SFP56 Switch |
| JL668A | Aruba 6300F 24-port 1GbE and 4-port SFP56 Switch |
| R0X26A | Aruba 6405 Switch |
| JL375A | Aruba 8400 8-slot Chassis/3xFan Trays/18xFans/Cable Manager/X462 Bundle |
| JL376A | Aruba 8400 1x Mgmt Mod 3x PS 2x 8400X Fabric Mod 1x 32p 10G Mod and 1x 8p 40G Mod Bundle (includes JL375A) |
| JL479A | Aruba 8320 48p 10G SFP/SFP+ and 6p 40G QSFP+ with X472 5 Fans 2 Power Supply Switch Bundle |
| JL579A | Aruba 8320 32p 40G QSFP+ with X472 5 Fans 2 Power Supply Switch Bundle |
| JL581A | Aruba 8320 48p 1G/10GBASE-T and 6p 40G QSFP+ with X472 5 Fans 2 Power Supply Switch Bundle |
| JL624A | Aruba 8325-48Y8C 48p 25G SFP+/28 8p 100G QSFP+/28 Front-to-Back 6 Fans and 2 PSU Bundle |
| JL625A | Aruba 8325-48Y8C 48p 25G SFP+/28 8p 100G QSFP+/28 Back-to-Front 6 Fans and 2 PSU Bundle |
| JL626A | Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Front-to-Back 6 Fans and 2 Power Supply Bundle |
| JL627A | Aruba 8325-32C 32-port 100G QSFP+/QSFP28 Back-to-Front 6 Fans and 2 Power Supply Bundle |

| Product number | Description |
|----------------|---|
| JL659A | Aruba 6300M 48-port HPE Smart Rate 1/2.5/5GbE PoE Class 6 and 4-port SFP56 Switch |
| JL660A | Aruba 6300M 24-port HPE Smart Rate 1/2.5/5GbE PoE Class 6 and 4-port SFP56 Switch |
| JL675A | Aruba 6100 48G Class4 PoE 4SFP+ 370W Switch |
| JL676A | Aruba 6100 48G 4SFP+ Switch |
| JL677A | Aruba 6100 24G Class4 PoE 4SFP+ 370 Switch |
| JL678A | Aruba 6100 24G 4SFP+ Switch |
| JL679A | Aruba 6100 12G Class4 PoE 2G&2SFP+ 139W Switch |
| JL700A | Aruba 8360-32Y4C with MACSec Port to Power 3 Fans 2 PSU Bundle |
| JL701A | Aruba 8360-32Y4C with MACSec Power to Port 3 Fans 2 PSU Bundle |
| JL702A | Aruba 8360-16Y2C Port to Power 3 Fans 2 PSU Bundle |
| JL703A | Aruba 8360-16Y2C Power to Port 3 Fans 2 PSU Bundle |
| JL704C | Aruba 8360-48Y6C v2 48p 25G SFP+/28 4 Sec 6p 100G QSFP+ |
| JL705C | Aruba 8360-48Y6C v2 48p 25G SFP+/28 4 Sec 6p 100G QSFP+ |
| JL706A | Aruba 8360-48XT4C Port to Power 3 Fans 2 PSU Bundle |
| JL707A | Aruba 8360-48XT4C Power to Port 3 Fans 2 PSU Bundle |
| JL708A | Aruba 8360-12C Port to Power 3 Fans 2 PSU Bundle |
| JL709A | Aruba 8360-12C Power to Port 3 Fans 2 PSU Bundle |
| JL710A | Aruba 8360-24XF2C Port to Power 3 Fans 2 PSU Bundle |
| JL711A | Aruba 8360-24XF2C Power to Port 3 Fans 2 PSU Bundle |
| JL724A | Aruba 6200F 24G 4SFP+ Switch |
| JL724B | Aruba 6200F 24G 4SFP+ Switch |
| JL725A | Aruba 6200F 24G Class4 PoE 4SFP+ 370W Switch |
| JL725B | Aruba 6200F 24G Class 4 PoE 4SFP+ 370W Switch |
| JL726A | Aruba 6200F 48G 4SFP+ Switch |
| JL726B | Aruba 6200F 48G 4SFP+ Switch |
| JL727A | Aruba 6200F 48G Class4 PoE 4SFP+ 370W Switch |
| JL727B | Aruba 6200F 48G Class 4 PoE 4SFP+ 370W Switch |

| Product number | Description |
|----------------|--|
| JL728A | Aruba 6200F 48G Class4 PoE 4SFP+ 740W Switch |
| JL728B | Aruba 6200F 48G Class 4 PoE 4SFP+ 740W Switch |
| JL762A | Aruba 6300M 48-port 1GbE and 4-port SFP56 Switch |
| JL817A | Aruba 4100i 12-port 1GbE (8-port Class 4 POE and 4-port Class 6 POE) 2-port SFP+ DIN Mount Switch |
| JL818A | Aruba 4100i 24-port 1GbE (20-port Class 4 POE and 4-port Class 6 POE) 4-port SFP+ Switch |
| R0X27A | Aruba 6410 Switch |
| R8N85A | Aruba 6000 48G Class4 PoE 4SFP 370W Switch |
| R8N86A | Aruba 6000 48G 4SFP Switch |
| R8N87A | Aruba 6000 24G Class4 PoE 4SFP 370W Switch |
| R8N88A | Aruba 6000 24G 4SFP Switch |
| R8N89A | Aruba 6000 12G Class4 PoE 2G/2SFP 139W Switch |
| R8Q67A | Aruba 6200M 24G 4SFP+ Switch |
| R8Q68A | Aruba 6200M 24G Class4 PoE 4SFP+ Switch |
| R8Q69A | Aruba 6200M 48G 4SFP+ Switch |
| R8Q70A | Aruba 6200M 48G Class4 PoE 4SFP+ Switch |
| R8Q71A | Aruba 6200M 36G 12SR5 Class6 PoE 4SFP+ Switch |
| R8Q72A | Aruba 6200F 12G Class4 PoE 2G/2SFP+ 139W Switch |
| R8S89A | Aruba 6300M 24p HPE Smart Rate 1G/2.5G/5G/10G CL6 PoE and 2p 50G and 2p 25G Switch |
| R8S90A | Aruba 6300M 48p HPE Smart Rate 1G/2.5G/5G CL8 PoE and 2p 50G and 2p 25G Switch |
| R8S91A | Aruba 6300M 12p Class8 PoE and 36p Class6 PoE HPE Smart Rate 1G/2.5G/5G and 2p 50G and 2p 10G Switch |
| R8S92A | Aruba 6300M 24p SFP+ LRM support and 2p 50G and 2p 25G MACSec Switch |
| R8S96A | Aruba 10000 10G/25G SFP 6 x 40G/100G QSFP 2 x DSS Module |
| R8V08A | Aruba 6200M 24G 4SFP+ TAA Switch |
| R8V09A | Aruba 6200M 24G Class4 PoE 4SFP+ TAA Switch |

| Product number | Description |
|----------------|---|
| R8V10A | Aruba 6200M 48G 4SFP+ TAA Switch |
| R8V11A | Aruba 6200M 48G Class4 PoE 4SFP+ TAA Switch |
| R8V12A | Aruba 6200M 36G 12SR5 Class6 PoE 4SFP+ TAA Switch |
| R8V13A | Aruba 6200F 12G Class4 PoE 2G/2SFP+ 139W TAA Switch |
| R8Z96A | Aruba 9300-32D 32-port 100/200/400G QSFP-DD 2-port 10G Switch |
| R9Y03A | Aruba 6000 48G Class4 PoE 4SFP 740W Switch |
| R9Y04A | Aruba 6100 48G Class4 PoE 4SFP+ 740W Switch |
| S0M81A | Aruba 6200F 24G 4SFP Switch |
| S0M82A | Aruba 6200F 24G Class 4 PoE 4SFP 370W Switch |
| S0M83A | Aruba 6200F 48G 4SFP Switch |
| S0M84A | Aruba 6200F 48G Class 4 PoE 4SFP 370W Switch |
| S0M85A | Aruba 6200F 48G Class 4 PoE 4SFP 740W Switch |
| S0M86A | Aruba 6200F 24G 4SFP+ TAA-compliant Switch |
| S0M87A | Aruba 6200F 24G Class 4 PoE 4SFP+ 370W TAA-compliant Switch |
| S0M88A | Aruba 6200F 48G 4SFP+ TAA-compliant Switch |
| S0M89A | Aruba 6200F 48G Class 4 PoE 4SFP+ 370W TAA-compliant Switch |
| S0M90A | Aruba 6200F 48G Class 4 PoE 4SFP+ 740W TAA-compliant Switch |



The topology view can display 3rd party devices to ensure network visibility. NetEdit will not manage 3rd party devices.

Compatibility and interoperability



NetEdit version 2.2.0 or later is required in order to discover devices running AOS-CX versions 10.08.1030, 10.07.0050, or 10.06.0170 or later.

NetEdit server requirements (VMWare)

Ability to deploy the NetEdit OVA to a vSphere ESXi Server environment (version 6.0 or higher) with:

- 6 CPUs
- 32 GB RAM
- 115 GB disk space (initial size 2.5 GB when thin provisioned)
- A network with connectivity to the target switches to be managed

NetEdit server requirements (Hyper-V)

- 6 CPUs
- 32 GB RAM
- 115 GB disk space (initial size 2.5 GB when thin provisioned)
- A network with connectivity to the target switches to be managed
- Windows Server 2019 or later

NetEdit client-side requirements

A supported browser with network connectivity to the NetEdit server. Supported browsers:

| Browser | Minimum supported version |
|---------|---------------------------|
| Chrome | 75 |
| Firefox | 69 |

Enhancements

This section lists enhancements added to 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 2.6.1

- Updated to support the 10.11.1005 release of AOS-CX.
- This release introduces the ability to export the configuration of AOS-CX devices in test format.

Version 2.5.0

- Updated to support the 10.11.0001 release of AOS-CX.
- Dashboard tiles now feature a hostname, if available.

Version 2.4.1

Updated to support the 10.10.1000 release of AOS-CX.

Version 2.4.0

Updated to support the 10.10.0001 release of AOS-CX.

Version 2.3.0

Updated to support the 10.09.1000, 10.07.0070, 10.08.1050 and 10.06.0180 releases of AOS-CX. This version also includes support for the Aruba 10000 Switch Series.

Version 2.2.1

No enhancements were included in version 2.2.1.

Version 2.2.0

Updated to support the 10.08.1030, 10.07.0050, and 10.06.0170 releases of AOS-CX. This version also includes performance and reliability improvements to configuration validations and modifications.

This version also includes the following key enhancements:

- Scheduled plans
- Staged devices
- Syslog integration
- Email notifications

See the *NetEdit User Guide* for more information.

Version 2.1.3

Updated to support the 10.08.1020, 10.07.0040, and 10.06.0160 releases of AOS-CX.

Version 2.1.2

Updated to support the 10.08.1010, 10.07.0030, and 10.06.0150 release of AOS-CX. This version also includes support for the Aruba 6000 Switch Series.

Version 2.1.1

Updated to support the 10.08.0001, 10.07.0020, and 10.06.0140 release of AOS-CX. This version also includes support for sub-interfaces.

Version 2.1.0

Updated to support the 10.07.0001 and 10.06.0110 releases of AOS-CX.

Version 2.1.0 includes the following key enhancements:

- TACACS
- CSV Device Import
- Aruba Fabric Composer Integration
- NAE Deployment

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 2.6.1

| Category | Bug ID | Description |
|------------------|--------|---|
| Firmware upgrade | 5321 | Symptom: Users are unable to upload device firmware to firmware repository. Scenario: When attempting to upload a device firmware image that is greater than 1 GB and using Firefox browser, the upload button is not clickable. Workaround: Use the Chrome browser to upload firmware greater than 1GB. |

Version 2.5.0

No known issues were resolved in this release.

Version 2.4.1

| Category | Bug ID | Description |
|-----------|--------|---|
| Solutions | 5226 | Symptom: When the browser language is set to other than "enus", a NAE deployment using solutions fails. Scenario: When a user uses the Deploy Solution from the Devices page, and chooses to deploy a Network Analytics Engine, they will get a unexpected error occurred Error message. This occurs if the user's browser has a language selected other than "en-us". Workaround: Work around for customers is to use "en-us" language in the browsers preference settings. |

Version 2.4.0

| Category | Bug ID | Description |
|------------|--------|--|
| Deployment | 4993 | Symptom: A device is rebooted for a failed firmware plan. Scenario: If deployment fails for a firmware plan with reboot enabled, the device will be rebooted even though the deployment was not successful. |
| Logs | 4969 | Symptom: The 'Export Support Bundle' action in the Logs page is missing essential logs. Scenario: The 'Export Support Bundle' is for NetEdit support and issue triaging. The resulting zip file now correctly includes the event.log file. Workaround: Customers can manually extract the event.log file by clicking the 'Export All' actions in the Logs page. |
| Logs | 5188 | Symptom: The 'Export All' action in the Devices page does not respect current Column Settings. Scenario: The 'Export All' action in the Devices page now produces a CSV file respecting any custom column settings for the device table. |

| Category | Bug ID | Description |
|--------------|--------|--|
| OVA function | 5094 | <p>Symptom: Debian long term support for version 9 (Stretch) is ending in June 2022.</p> <p>Scenario: In order to continue to receive security updates for the Debian operating system that is included with NetEdit OVAs installations prior to NetEdit 2.4.0, it is recommended that customers upgrade to Debian 10 (Buster).</p> <p>Workaround: Instructions for upgrading NetEdit OVA operating system Debian 9 (Stretch) to Debian 10 (buster) can be found in the NetEdit Installation Guide. Simply upgrading the NetEdit app to 2.4.0 will not upgrade the base operating system of the OVA. The instructions in the NetEdit Installation Guide must be followed in order to fully upgrade the base operating system to supported Debian version.</p> |

Version 2.3.0

| Category | Bug ID | Description |
|----------------|--------|---|
| Staged Devices | 5072 | <p>Symptom: Discovery for a staged device fails when the staged device has an IP address and a MAC address.</p> <p>Scenario: When a device is discovered that matches a staged device that has an IP address and a MAC address, the device is deleted and the firmware plan and/or config plan for the staged device are not executed.</p> <p>Workaround: Do not enter a MAC address for a staged device when using an IP address for a staged device.</p> |
| Topology | 5079 | <p>Symptom: The user's organized topology becomes randomly unorganized</p> <p>Scenario: When users organize their topology, the view of the topology becomes jumbled when loading the Network page when a user logs in after logging out (manually or after a session timeout) and closing the browser.</p> <p>Workaround: If the topology view does not revert back to the user organized version after 30 seconds after loading the Network page, the user can navigate away from the Network page to another NetEdit UI page then navigate back to the Network page. The topology view should revert back to the user's organized view.</p> |

Version 2.2.1

| Category | Bug ID | Description |
|-------------|--------|--|
| MultiEditor | 5066 | <p>NOTE: This only applies to the NAE Lite feature.</p> <p>Symptom: Adding a new nae-agent replaces an existing nae-agent.</p> <p>Scenario: When adding a new nae-agent in the MultiEditor, the new agent will replace an existing nae-agent in the editor instead of creating a new nae-agent in the editor.</p> <p>Workaround: Add the new nae-agent through the device CLI.</p> |
| MultiEditor | 5069 | <p>Symptom: Staged device start/copy from config table is not visible.</p> |

| Category | Bug ID | Description |
|----------------|--------|---|
| | | <p>Scenario: In the MultiEditor, when 'Other Staged Device' is selected in the Choose starting configuration dialog, the table will not be displayed correctly if there is only one staged device.</p> <p>Workaround: Create more than one staged device or select the row in the table without being able to view the contents of the row.</p> |
| Staged Devices | 5068 | <p>Symptom: For a staged device, NetEdit is unable to create a config plan, or to select the model and target firmware.</p> <p>Scenario: After upgrading to version 2.2.0 from an existing installation of NetEdit, the Add Staged Device dialog has empty Model and Target Firmware drop-down lists. Additionally, a config plan for a staged device cannot be created.</p> |

Version 2.2.0

| Category | Bug ID | Description |
|-------------|--------|---|
| Config | 4901 | <p>Symptom: Inconsistency between the running config and the startup config is seen.</p> <p>Scenario: After updating to version 2.1.1 from version 2.0.12 of NetEdit, devices receive a warning that indicates differences between the running config and the startup config.</p> <p>Workaround: Make a config change on the device and write memory. This will ensure that the running config and startup config are in sync. If the config change is not desired, the user can go ahead and remove the change.</p> |
| MultiEditor | 4907 | <p>Symptom: NetEdit is unable to display LAG interface changes.</p> <p>Scenario: After performing changes in a LAG interface, the changes are not displayed after the expected time frame of approximately five minutes.</p> <p>Workaround: Navigate away to a different page and then return to the Topology page to see the LAG interface changes.</p> |
| Plans | 5003 | <p>Symptom: The plans page becomes unresponsive.</p> <p>Scenario: When there are more than ten thousand (10,000) plans and a new config plan is created by editing the config, the page becomes unresponsive.</p> |
| Topology | 4714 | <p>Symptom: The link status shows red even though the link should be okay.</p> <p>Scenario: When moving an interface from a LAG to a different LAG, the link status shows red even though the link should be okay.</p> |

Version 2.1.3

| Category | Bug ID | Description |
|----------|--------|--|
| Topology | 4921 | <p>Symptom: The topology view is not persistent.</p> <p>Scenario: When users organize their topology, the view of the topology is not persistent, rendering differently after a session timeout and login.</p> |

Version 2.1.2

No fixes were included in version 2.1.2.

Version 2.1.1

| Category | Bug ID | Description |
|----------|--------|---|
| Topology | 4789 | Symptom: The topology view page becomes unresponsive. Scenario: When a topology with more than 400 devices is discovered, the topology view page becomes unresponsive. |
| Topology | 4856 | Symptom: LAG information in the Topology page takes longer than expected to display. Scenario: After making changes to the LAG interface for discovered devices, the information takes longer than expected to display in the Topology page. Workaround: Reload the page or navigate away and come back to the Topology page. |

Version 2.1.0

| Category | Bug ID | Description |
|------------------|--------|---|
| Deployment | 4508 | Symptom: The device stays in the 'deploying' state indefinitely, unable to be added to a new firmware plan. Scenario: When deploying firmware to a device, if a 'not qualified for deployment' error message is displayed, the device may sometimes stay in the 'deploying' state indefinitely and be unable to be added to a new firmware plan. |
| Device discovery | 4659 | Symptom: A device shows as 'unreachable' in NetEdit. Scenario: When discovering an Aruba 6300 VSF stack in NetEdit, the device will show as 'unreachable' in NetEdit. |
| Device discovery | 4429 | Symptom: Unexpected network traffic related to discovery polling is seen. Scenario: After disabling discover on the Settings page, network traffic related to discovery polling is seen. |
| Logs | 4512 | Symptom: Log flooding fills up the disk on the NetEdit OVA, preventing the user from logging in. Scenario: When the NetEdit log is run excessively, log flooding fills the disk where the NetEdit OVA resides. Workaround: Rotate the logs. |
| MultiEditor | 4569 | Symptom: Password complexity rules are not enforced. Scenario: When creating a new user with a complex password using the MultiEditor, the password complexity rules are not enforced. Workaround: Use the switch CLI to create new users with complex passwords. |
| Settings | 4701 | Symptom: ISL LAG interface settings are changed unexpectedly. Scenario: When deploying a configuration change to a VSX pair, the ISL LAG interface settings are changed unexpectedly. |

Issues and workarounds

The following are known open issues with this version of the software.

The Symptom statement describes what a user might experience if this is seen in the software. The Scenario statement provides additional environment details and trigger summaries. When available, the Workaround statement provides a workaround to the issue.

Version 2.6.1

| Category | Bug ID | Description |
|---------------------|--------------|--|
| Topology | 5332 5435 | Symptom: The topology does not immediately update correctly. Scenario: After removing a link to a LAG, configuring a split port or removing the interfaces from the configuration, the configuration may not display correctly in the interface panel for four to five minutes. Workaround: Wait for the next polling cycle (5 minutes default) in order for the topology to get updated correctly. |
| UIFramework | 5379 | Symptom: Subinterfaces information is not displayed in the topology interface panel. Scenario: In the topology properties panel under the Interfaces dropdown option, the encapsulation information is not displayed for an Aruba 8325 Switch. Workaround: The correct subinterface encapsulation information for 8325 devices can be viewed in the MultiEditor tab. |
| Firmware deployment | 247535 | Symptom: The output of the command mgmd client-details timer <300-900> goes to 0 after deployment Scenario: After the deployment of this command the CLI and NetEdit will show the value as 0 even though the database shows the correct information |
| Discovery | 2711 | Symptom: A stack member is shown on the network view. Scenario: When you discover a set of devices before forming the stack, then form the stack, a stack member may be shown on the network view. Workaround: Delete the stack member that is still visible after the stack is formed. |
| Discovery | 3794 | Symptom: A deleted device connected to a non-AOS-CX device displays again immediately on the Diagnostics page. Scenario: When removing a device that is connected to a non-AOS-CX device from the network and you delete it from the network view, it may show up on the Diagnostics page. Workaround: Wait at least five minutes after taking the device offline before deleting it from the network view. |
| Express Config | 4694 | Symptom/Scenario: When moving a VRF through NetEdit, OSPF adjacencies are lost, resulting in traffic loss. Workaround: Restart the routing process. |
| Firmware deployment | 40631 | Symptom: Deployment of firmware upload fails. Scenario: When attempting to upload a firmware image that is incompatible with the device, the upload fails with an error message similar to <code>request failed 500</code> . Workaround: Verify that the firmware image file is compatible with the device before attempting the upload. |

| Category | Bug ID | Description |
|-------------|--------|--|
| MultiEditor | 0706 | <p>Symptom: Validation errors reported for the invalid commands.</p> <p>Scenario: Select a command that is not valid for the configuration line being entered.</p> <p>Workaround: Use the validation errors reported to find the erroneous commands and enter the correct configuration lines.</p> |
| MultiEditor | 0941 | <p>Symptom: A notification displays in the bottom right side of the editor.</p> <p>Scenario: If multiple validation tasks are initiated on the same device, any subsequent requests that are invoked while the first validation is in progress produce a message that reads "Request failed with status code 429".</p> <p>Workaround: Wait for the first validation task to complete for a specified device before invoking any subsequent validation tasks.</p> |
| MultiEditor | 0998 | <p>Symptom: The editor blocks attempts to edit Networking Analytics Engine (NAE) commands and displays a warning that reads "The line is classified as read only. The line can be deleted but cannot be updated."</p> <p>Scenario: The entering of NAE commands (nae-script, nae-agent) in the editor are allowed even though such lines are marked as read-only after editing.</p> <p>Workaround: Avoid entering NAE commands in the editor outside of pasting a configuration that already includes NAE commands.</p> |
| MultiEditor | 1054 | <p>Symptom: MultiEditor displays a busy indicator (spinner) when starting a new MultiEdit session.</p> <p>Scenario: MultiEditor shows a busy indicator (spinner) while loading or modifying device configurations. Performing very large operations, such as pasting a multi-thousand line configuration into a plan with many devices, may take several minutes. During this time the busy indicator will be present. If an attempt is made to start a MultiEditor session for a different plan, the busy indicator will still be shown until the MultiEditor is able to complete the previous large operation, even if it is for a different plan.</p> <p>Workaround: Wait for the busy indicator to clear before starting a new MultiEditor session.</p> |
| MultiEditor | 1118 | <p>Symptom: The deploy process completes in the UI, but the change is not deployed.</p> <p>Scenario: When deploying a change which includes 15k or more lines of configuration text, the process completes but the change is not deployed. All change validation commands indicate an error has occurred in the post-change results.</p> <p>Workaround: Reduce the number of lines in the switch configuration.</p> |
| Network | 1138 | <p>Symptom: The user will see a "Network Error" message if there are any communication issues. On pages with tables, the tables may show the message "No Data" if the data collection is taking a long time. The user may see a white screen when they initially access the NetEdit web UI.</p> <p>Scenario: The problem may occur if the customer has a slow and/or unreliable network connection.</p> <p>Workaround: The customer should ensure that their network connection is reliable and sufficiently fast.</p> |

| Category | Bug ID | Description |
|-----------------|--------|--|
| Notifications | 4962 | <p>Symptom: Unable to edit a notification method.</p> <p>Scenario: When attempting to modify a notification method, the method cannot be edited.</p> <p>Workaround: Enter an empty line in the Recipient email address field.</p> |
| OVA function | 1162 | <p>Symptom: Machine on the same network as the NetEdit VM cannot get an IP address from the DHCP server.</p> <p>Scenario: When the NetEdit VM is configured to use a DHCP server to get its IP address and the VM experiences a disk error disallowing writes to the disk (for example, forced into read-only mode, out of disk space, and so forth), the DHCP server exhausts the list of IP addresses, causing other machines on the network to not receive an IP address.</p> <p>Workaround: Configure the NetEdit VM to use a static IP address. Log into the NetEdit VM as neadmin and run the netedit_config.py script to reconfigure network settings.</p> |
| Plan management | 1245 | <p>Symptom: Deploying large configurations results in unexpected "Running config changed" plans.</p> <p>Scenario: If a configuration deploy succeeds but the post configuration validation fails, this will result in the plan status being marked as "Deploy Failed". However, since the configuration was successfully applied to the device, that configuration change will be detected by NetEdit's configuration scanning. This can result in a "Running config changed" plan being created for the devices in the "failed" plan. These "Running config changed" plans will contain the configuration changes made in the "failed" plan. This situation may occur when deploying very large configurations, deploying to devices that are under heavy load, or deploying over networks with very high latency.</p> <p>Workaround: If post deploy validation fails due to an intermittent cause, be aware that the successfully applied configuration may appear in a subsequent "Running config changed" plan.</p> |
| Search | 1101 | <p>Symptom: When using the calendar date picker for a search, the year automatically resets to "2018".</p> <p>Scenario: If the "Year" dropdown box is used to select a year in the calendar date picker from the search text box, the year automatically resets to "2018" after about two seconds.</p> <p>Workaround: Rather than using the "Year" dropdown, navigate through the months and years using the left and right arrow buttons or type the date in manually using the MM/DD/YY HH:MM format.</p> |
| Settings | 0904 | <p>Symptom/Scenario: The administrator may not be able to run some older commands because they have been deprecated or they have been made unavailable to the users due to hardening the system from attacks.</p> <p>For example, ping is only available at the root level in order to prevent users from probing the customer's network. If a user wants to use ping they can either re-enable ping via <code>sudo chmod 4755 /bin/ping</code> or use <code>sudo ping <ip address></code>.</p> <p>Some commands such as tools from the net-tools package (ifconfig, arp, netstat, route) have been deprecated and replaced with newer tools from the iproute2 package such as ip and ss.</p> <p>Workaround: If you wish to install the deprecated commands you can perform <code>sudo apt-get update</code> and <code>sudo apt install</code></p> |

| Category | Bug ID | Description |
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| | | <p><code>net-tools</code>. If you need to install other tools not listed here you can search for the tool via <code>sudo apt-cache search <tool name></code> and the system will tell you what package to install via <code>sudo apt install <pkg name></code>.</p> <p>NOTE: Installing additional software on your machine may expose the system to attack vectors if it isn't properly configured.</p> |
| Settings | 1539 | <p>Symptom/Scenario: When attempting to import an invalid file (for example, a .zip file) from the Settings page, then a page crash will occur.</p> <p>Workaround: When attempting to import an invalid file (for example, a .zip file) from the Settings page, then a page crash will occur.</p> |

Feature caveats

| Feature | Description |
|-----------------------------|--|
| MultiEditor | During a configuration of a <code>bgp neighbor max-prefix</code> command (for example, <code>neighbor [A.B.C.D X:X::X:X WORD] maximum-prefix <range></code>) MultiEditor will show maximum range of 1-128000, but this can change depending on SKUs or profile for each device, so the network administrator must verify the device SKU or profile. |
| Staged Devices | The default configuration lines provided when editing a configuration for a staged device is only intended as an example and is not guaranteed to work for all switch models. Customers should review the configuration changes to ensure operability with the staged device model and their network deployments. |
| Configuration | After upgrading to NetEdit to 2.1.x or later, a configuration change is seen for every switch in the network. This is because the <code>led locator</code> command was filtered in NetEdit 2.0.12 and earlier, and is not filtered in NetEdit 2.1.0 and later. |
| Credentials | In the Setting tab, when a credential set is updated, the new credentials will be used for connecting and managing the device in the next connection refresh cycle. The default time set for the refresh cycle is 5 minutes. |
| <code>module</code> command | The <code>module</code> command can only be used manually in the CLI command shell to prepopulate interfaces. |
| Host key checking | NetEdit disables strict host key checking in the internal Java SSH library. SSH tools outside NetEdit are not affected. |
| MultiEditor | When using a dotted decimal subnet mask format in the NetEdit MultiEditor, a syntax error will appear on the configuration line. |
| MultiEditor | When configuring a command using a range in the NetEdit MultiEditor (for example, <code>interface vlan 2-2001</code>), a syntax error will be shown even if the command is valid. |
| MultiEditor | During configuration of a range (such as <code>interface 1/1/1-1/1/3</code> or <code>vlan 1-10</code>) in the MultiEditor, the command displays as an unrecognized command. |
| Reboot Device | Reboot Device is not supported for non AOS-CX devices. |
| Topology | Each user has their own network topology view. Changes by one user are not updated to |

| Feature | Description |
|---------|---|
| | other users. |
| VSF | NetEdit requires that VSF stacks be formed and most changes made using the CLI or Aruba CX mobile app. For example, adding members to a stack, deleting members from a stack, adding a new VSF link, and replacement of a member with a different SKU are not supported using NetEdit. NetEdit only supports adding a port to a VSF link, removing a port in a VSF link, removing a standby member from a VSF stack, and modifying a standby member in a VSF stack. Other changes to the VSF stack using NetEdit may lead to members rebooting and not re-joining the stack. To recover from this scenario, the configuration has to be fixed in the master or the member zeroized and added back to the stack using the CLI. |

Upgrading from earlier versions

Refer to the *NetEdit Installation Guide* for information on upgrading from earlier versions.



Downgrading to an earlier version of NetEdit is not supported.

Documentation feedback

Aruba is committed to providing documentation that meets your needs. To help us improve the documentation, send any errors, suggestions, or comments to Documentation Feedback (docsfeedback-switching@hpe.com). When submitting your feedback, include the document title, part number, edition, and publication date located on the front cover of the document. For online help content, include the product name, product version, help edition, and publication date located on the legal notices page.