HPE Aruba Networking Central On-Premises

3.0.3.1

Release Notes

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Chapter 1

About this Guide

This release notes describes the new features supported by HPE Aruba Networking Central On-Premises for the release and lists the known and resolved issues.

Related Documents

- HPE Aruba Networking Central On-Premises Installation and Setup Guide
- HPE Aruba Networking Central On-Premises Non-Appliance Installation and Setup Guide
- HPE Aruba Networking Central On-Premises User Guide
- HPE GreenLake Account Home User Guide

Conventions

The following conventions are used throughout this guide to emphasize important concepts:

Table 1: Typographical Conventions

Type Style	Description
Italics	This style is used to emphasize important terms and to mark the titles of books.
System items	This fixed-width font depicts the following: ■ Sample screen output ■ System prompts ■ Keys that are pressed
Bold	■ Text typed into a GUI element ■ GUI elements that are clicked or selected

The following informational icons are used throughout this guide:

Note:
Indicates helpful suggestions, pertinent information, and important things to remember.

Caution:
Indicates a risk of damage to your hardware or loss of data.

Warning:
Indicates a risk of personal injury or death.

Contacting Support

Table 1: Contact Information

Main Site	arubanetworking.hpe.com
Support Site	networkingsupport.hpe.com
Airheads Social Forums and Knowledge Base	community.arubanetworks.com
North American Telephone	1-800-943-4526 (Toll Free)
International Telephone	arubanetworks.com/support-services/contact-support/
Software Licensing Site	licensemanagement.hpe.com
End-of-life Information	networkingsupport.hpe.com/end-of-life
Security Incident Response Team	Site: arubanetworks.com/support-services/security-bulletins/ Email: aruba-sirt@hpe.com

Chapter 2

3.0.3.1 What's New

This release does not include any new features or enhancements.

Chapter 3

Resolved Issues

The following sections provide a comprehensive list of resolved issues for 3.0.3.1 release:

- System Management Resolved Issues
- Network Management Resolved Issues

System Management Resolved Issues

Table 1: System Management Resolved Issues

Issue ID	Description
CNX-251032	The Air Gap option was disabled in the backend even though it appeared as enabled in the Web UI under **Menu** > **System Management** > **Configuration** > **Network** tab. This issue occured when the Air Gap option was enabled before initiating a system upgrade. After the system upgrade completed successfully, the Air Gap feature got disabled in the backend. The fix ensures that Air Gap feature remains in enabled state in the backend.
GLCP-352477	In HPE Aruba Networking Central On-Premises the radius authentication failed in a dual-stack cluster setup when using an IPv6 address. The fix ensures that both IPv4 and IPv6 address can be configured.
CNX-244528	During disaster recovery (DR), the device function assigned was removed from a pre-configured VSF stack. The issue occurred when the VSF stack was onboarded to Data Center 1 (DC1) and synchronized successfully. After failover to DC2, the device remained synchronized, but the device func-tion assignment was lost. The fix ensures that after failover the VSF stack retains all configurations and device function assignment remains intact.
CNX-246290	During an upgrade operation, a **System Disk I/O High Utilization** alert was displayed in the **System Management** > **Manage** > **System Alerts** table. The fix ensures that the system does not displays **System Disk I/O High Utilization** alert.

Network Management Resolved Issues

Table 2: Network Management Resolved Issues

Issue ID	Description
CNX-243321	After creating a VLAN and navigating to the Unified Devices list, the **Configuration Status** of device is displayed as **Out of Sync**. In the audit trail page states that the device configuration push failed. The fix ensures that the device remains in sync.

Known Issues

The following sections provide a comprehensive list of known issues for 3.0.3.1 release:

- System Management Known Issues
- Network Management Known Issues

System Management Known Issues

Table 1: System Management Known Issues

Issue ID	Description
CNX-211280	Cluster setup fails with an NTP error stating **Cluster Onboard Stage - This stage bootstraps data to consul and value, has failed**. The issue occurs when invalid NTP server details were entered initially, even after the details were corrected later. **Workaround:** Contact the HPE Aruba Networking support team.
CNX-237437	In an **Air Gap** setup, the Web UI Interface is the recommended method for downloading and upgrading the new release build. It provides a more reliable option compared to the copadmin CLI menu.
CNX-242947	After a firmware upgrade, the device configuration may go out of sync, causing a full configuration push. During this process, the device temporarily loses connectivity, which can cause the configuration push to fail and result in an automatic rollback. Once the device reconnects to HPE Aruba Networking Central On-Premises, the configuration is reimported. However, the Trust Anchor (TA) profile is not applied during this step beca=use reverse translation is not supported on Greenfield devices. **Workaround**: After the device reconnects to HPE Aruba Networking Central On-Premises, manually push the TA root certificate from HPE Aruba Networking Central On-Premises.
CNX-245881	In FIPS mode, USB-based ISO installation is not supported.
CNX-235850	Kingston USB drive is not detected on the HPE DL360 Gen10 server.

Table 1: System Management Known Issues

Issue ID	Description
CNX-245860	Adding a node after auto download fails because of an image synchronization failure on the new nodes. **Workaround**: Perform the **Add Node** operation before the auto download process or after the upgrade operation is complete.
CNX-251591	During the HPE Aruba Networking Central On-Premises 3.0.30 installation, the following error message is displayed **CNX on-prem CREATE CLUSTER Stage - This stage creates a Kubernetes cluster of given nodes, has failed**. This issue occurs when the Virtual NIC is not reachable. **Workaround:** Perform the following steps on all nodes: 1. Login to iLO server as an Administrator (for password contact the HPE Aruba Networking support team). 2. Navigate to **Information** > **Diagnostics** > **Reset iLO**. 3. Perform a factory reset on the node from which the setup cluster was initiated.
CNX-253899	When an upgrade is initiated on the disaster recovery (DR) cluster, the **Data-Sync** alert is not generated in the **System Alerts** page.

Network Management Known Issues

Table 2: Network Management Known Issues

Issue ID	Description
CNX-250071	Guest users remain stuck in the pre-login state and fail to move to the fisnal access state after authentication. This issue occurs on the Guest network connection flow in the wireless access configuration page, where users connect to the Guest network and attempt to log in. It is because the login service group does not include the required server details, so the authentication request does not complete and users cannot proceed further.
CNX-245410	In the **Alerts** table, the displayed list of alerts may not match the actual alert count. Alerts generated successfully are intermittently missing from the Web UI, and are not consistently visible in either the **Active** or **Cleared** tabs.

Table 2: Network Management Known Issues

Issue ID	Description
CNX-242947	Location override and HTTPS certificate configurations were removed from the HPE Aruba Networking Central On-Premises CLI after performing a firmware upgrade via HTTPS. This issue occurs because the full configurations push failed to preserve the **hpe-anw-central location-override** and **crypto pki ta-profile root-cert** settings, prompting an automatic rollback to the previous configuration.
CNX-235803	The number of sites displayed on the expanded **Sites** card does not match the count shown on the **Sites** tab under the **Configuration** menu.
CNX-233604	Rogue devices on the Floorplan manager WebWebUI overlap due to having the same location. If a rogue device's location cannot be ascertained by location services, the location is assumed to be the same as the associated AP.
CNX-233454	The device enters a conflict state during Capability and Capacity (CNC) validation for DNS and NTP. This issue occurs because the UI fails to validate device capability limits, allowing configurations to be pushed beyond the supported limits.
CNX-232542	In the **Insights** > **Device Firmware Recommendation** > **Switch Firmware Recommendation** page, it recommends end of support firmware version for AOS-CX 10.13.Xxxx series.
CNX-230196	When a VLAN is used as an access VLAN on an interface, the system prevents its deletion and displays an error: **Validation Failure: VLAN '<ID>' cannot be deleted because it is referenced by Interface Ethernet '<Interface>' in the hierarchy**. However, if the VLAN is configured as a trunk VLAN with native VLAN as 1, the deletion succeeds silently, and the interface is configured to trunk all, with no warning or error messages. After deletion, the UI continues to display the deleted VLAN under the VLAN column, resulting in stale information.
CNX-228888	A Net Destination UI for IPv6 automatically deletes both colons (::) when trying to delete a single colon.
CNX-210318	The Firmware Status column displays **Live upgrade scheduled** incorrectly for an AP even after the upgrade is completed and in certain cases even after the firmware policy is deleted. This issue occurs in the **Devices** table under **Firmware Management** page. It happens because an outdated status is sent after the upgrade and it remains in the database.

Table 2: Network Management Known Issues

Issue ID	Description
CNX-199108	Creating OSPF profiles over NBAPI with a **no-advertise-range** leaf specified throws an exception: **HPE_GL_ERROR_INTERNAL_SERVER_ERROR**.
CNX-191954	AIOps is generating false VLAN Mismatch alerts for LAG and VSX interfaces, even when VLANs are configured and allowed on both switches.”
CNX-84012	In AP **System** profile, the **Static Channel** drop-down list for the non-Preferred Scan Channels (PSC) **6 GHz** radio band fails to display dynamic options based on the selected county code.
CNX-254712	The creation of a VSF stack may fail because the VSF auto-stack configuration is not pushed to the switches. This issue affects HPE Aruba Networking Central On-Premises clusters that were initially deployed using releases prior to 3.0.2.0 and do not contain the required database schema updates.