ExtremeCloud IQ (New) v25.5.2-10 Release Notes

Enhancements, Fixes, and Supported Devices

Table of Contents

Abstract

This release notes document for ExtremeCloud™ IQ (New) version 25.5.2-10 outlines enhancements, resolved issues, known limitations, and expanded device support across the platform. It introduces support for EXOS/Switch Engine 33.4.1.15 and 32.7.3.15-patch1-19, IQ Engine 10.8r4, and VOSS 9.3, enabling onboard, monitor, configuration, and image management for a wide range of switches and access points, including Wi-Fi 7 APs. Key new features include WBA OpenRoaming for AP4020X, Fabric Attach Redundancy, automatic stack member onboarding with license allocation, UL OFDMA support, and WPA3 Personal Transition Mode. The document provides detailed guidance on supported hardware, browser compatibility, public IP address blocks, and configuration capabilities such as SSH Proxy and Supplemental CLI. It also addresses over 40 resolved issues spanning account management, onboarding, licensing, UI, and device management, while listing known issues affecting APIs, SSO, visualization, and role-based access. This technical document is intended for IT professionals and network administrators and assumes a moderate to advanced understanding of network infrastructure and cloud-managed environments.
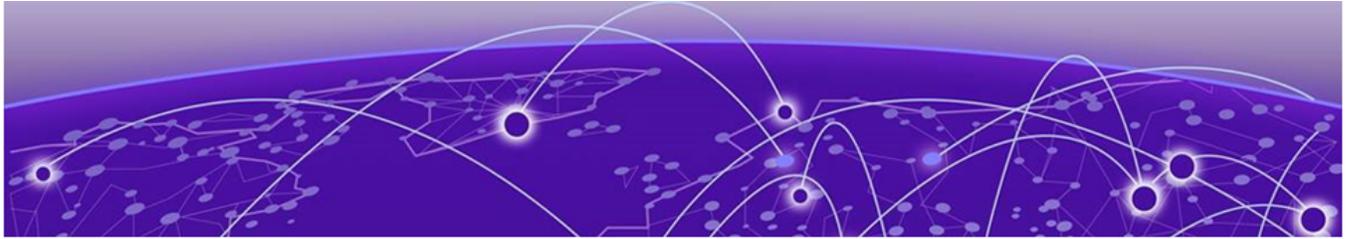
Help and Support

If you require assistance, contact Extreme Networks using one of the following methods:

Extreme Portal

Search the GTAC (Global Technical Assistance Center) knowledge base; manage support cases and service contracts; download software; and obtain product licensing, training, and certifications.

The Hub

A forum for Extreme Networks customers to connect with one another, answer questions, and share ideas and feedback. This community is monitored by Extreme Networks employees, but is not intended to replace specific guidance from GTAC.

Call GTAC

For immediate support: (800) 998 2408 (toll-free in U.S. and Canada) or 1 (408) 579 2800. For the support phone number in your country, visit www.extremenetworks.com/support/contact.
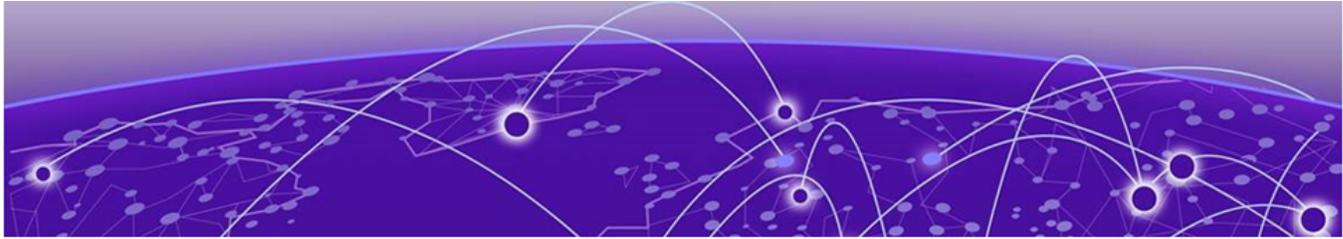
General Release Information

Browser Support and Display Settings on page 7

Current Release: 25.5.2-10

November 2025

Release: 25.5.2-10 New Features

There are no new features for this release.

Release: 25.5.2-10 Addressed Issues

Table 1 lists Addressed Issues in ExtremeCloud IQ 25.5.2-10.

Table 1: Addressed Issues in release 25.5.2-10

Issue ID	Description
CFD-15499, CFD-15501	Addressed licensing issues that can cause unintended license reallocation and block the device unmanage action for HIQ accounts.

ExtremeCloud IQ (New) Public IP Address Blocks

Data Center	IP Block	Addresses and Ports
Global Data Center (GDC)	44.234.22.92/30 18.194.95.0/28 34.253.190.192/26 3.234.248.0/27	
Australia (AUS)	13.210.3.192/28 18.98.198.80/28	Firewall Address and Port Information
Azure, Canada Central (ACA)	20.151.64.48/28	Firewall Address and Port Information
Azure, US East (AVA)	52.226.89.112/28	Firewall Address and Port Information
Brazil (BR)	18.228.70.16/28	Firewall Address and Port Information
Germany (FRA)	3.67.81.96/27 18.194.95.0/28	Firewall Address and Port Information

Data Center	IP Block	Addresses and Ports
India (IN)	13.232.67.8/29 3.6.70.64/29	Firewall Address and Port Information
Ireland (IE)	34.253.190.192/26	Firewall Address and Port Information
Japan (JP)	18.176.203.112/29 13.231.6.232/29 57.181.58.0/28	Firewall Address and Port Information
Netherlands (NL-GCP)	34.91.82.64/27	Firewall Address and Port Information
Singapore (SG-GCP)	34.87.158.80/28	Firewall Address and Port Information
Spain (ES)	18.101.49.128/27	Firewall Address and Port Information
Sweden (SE)	13.48.186.224/29 13.48.4.184/29 13.48.4.240/28	Firewall Address and Port Information
Switzerland (ACH)	51.107.1.192/28	Firewall Address and Port Information
United Arab Emirates (UAE)	3.28.159.128/28	Firewall Address and Port Information
United Kingdom (UK-AGB)	51.143.233.80/28	Firewall Address and Port Information
US East (VA)	34.202.197.0/26 44.192.245.0/26 3.234.248.0/27	Firewall Address and Port Information
US East 2 (VA2)	34.202.197.0/26 44.192.245.0/26 3.234.248.0/27	Firewall Address and Port Information
US-Iowa (IA-GCP)	34.67.130.64/27	Firewall Address and Port Information
US Ohio (OH)	3.145.235.64/26	Firewall Address and Port Information

Supported IQ Engine Software

See the IQ Engine Release Notes for information about IQ Engine version 10.8.4.

Browser Support and Display Settings

Note
ExtremeCloud IQ (New) does not support 32-bit browsers.

Desktop Browsers

ExtremeCloud IQ (New) supports the latest 64-bit versions of the following desktop browsers:

- Chrome
- Edge
- Firefox
- Opera
- Safari

Microsoft Internet Explorer is not supported.

Display Settings

ExtremeCloud IQ (New) supports display resolutions of 1280 x 1024 or higher.

Previous Release
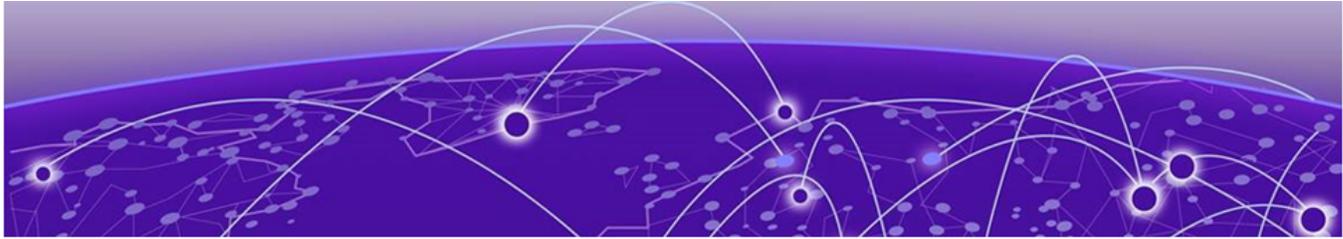
This section lists the new features, addressed issues, and known issues for the previous release.

New Features in 25.5.1-62

Table 4 on page 10 lists the new features introduced in ExtremeCloud IQ 25.5.1-62.

Device OS Support

This release supports the following device operating systems.

Table 2: EXOS/Switch Engine Support Matrix

ExtremeCloud IQ Release 25.4.0	Version	Hardware/Model	ExtremeCloud IQ Onboard / Monitor / Config / Local Image Mgmt	Global Download Image
IQAgent Version	0.9.22/1.9.22 (0.9.22 for NOS versions <= 33.2 1.9.22 for NOS versions >= 33.2)			
	—	5120 Universal HW	✓	—
	—	5320-16P-2MXT-2X Universal HW	✓	—
Latest Supported GA Patch	32.7.2.19-patch1-32	—	✓	✓
Latest Supported GA Image	33.3 GA	X465	✓	✓
Previous Supported GA Patch	31.7.4.2 GA	—	—	✓
Previous Supported GA Image	33.3.1.12	—	✓	✓

Table 3: VOSS Fabric Engine Support Matrix

ExtremeCloud IQ Release 25.4.0	Version	Hardware Model	ExtremeCloud IQ Onboard / Monitor / Config / Local Image Mgmt	Global Download Image
IQAgent Version	9.2.25			
Latest Supported GA Patch	9.2.0	—	✓	✓
Previous Supported GA Patch	9.1.1	—	✓	✓
Previous Supported GA Image	8.10.7	—	✓	✓

IQ Engine

- IQ Engine 10.8.4

New Hardware Support

No new hardware in this release.

Table 4: New Features in release 25.5.1-62

Feature	Description
Switch Engine 33.4.1.15 patch Download Image Support (XIQ-44457)	Added support for EXOS/Switch Engine 33.4.1.15 patch download image functionality for all supported EXOS/Switch Engine SKUs.
EXOS/Switch Engine 33.4.1.15 patch Onboard, Monitor and Config Support (XIQ-44454)	Added support for EXOS/Switch Engine 33.4.1.15 patch onboard, monitor, and configuration capabilities for all supported SKUs.
Switch Engine 33.4.1.15 patch Download Image Support (XIQ-44419)	Added support for EXOS/Switch Engine 32.7.3.15-patch1-18 GA download image functionality for all supported SKUs.
EXOS/Switch Engine 32.7.3.15-patch1-19 patch Onboard, Monitor, Config (Download) Support (XIQ-44418)	Added support for EXOS/Switch Engine 32.7.3.15-patch1-19 patch onboard, monitor, and configuration capabilities.
AFC support for Canada (XIQ-43805)	Added AFC support for Canada for AP5050 devices.

Table 4: New Features in release 25.5.1-62 (continued)

Feature	Description
WBA OpenRoaming Support for AP4020X In ExtremeCloud IQ (XIQ-43785)	Added WBA OpenRoaming support for AP4020X devices with UPA (Use Policy Acceptance) capability.
Fabric Attach Redundancy Support (XIQ-43670)	Added Fabric Attach Redundancy support with red0 binding for redundant pair configuration.
Automatically Add New Stack Member to the Stack (XIQ-43476)	Added automatic stack member onboarding functionality that automatically allocates Extreme Platform ONE Networking licenses when new members join existing stacks.
Indoor/Outdoor Configuration Option for AP4060 and AP4060X (XIQ-42997)	Added Indoor/Outdoor configuration options for AP4060 and AP4060X with vertical/horizontal orientation support.
Add Spanning Tree Configuration for AP302W (XIQ-42454)	Added Spanning Tree configuration support for AP302W matching AP150W functionality.
Change Primary Default IQ Engine Public DNS (XIQ-40692)	Updated default primary DNS from OpenDNS to Cloudflare (1.0.0.1) while keeping OpenDNS as secondary.
Onboard, Monitor, and Configuration Support with Image Drag & Drop (XIQ-40598)	Added support for Fabric Engine/VOSS 9.3 onboard, monitor, configuration, and drag/drop image functionality.
Onboard, Monitor, and Configuration Support with Image Drag & Drop (XIQ-45849)	Added support for Fabric Engine/VOSS 9.1.3 onboard, monitor, configuration, and drag/drop image functionality. Supported switch models include 7720, 7520, 5720, 5520, 5420, 5320, applicable 4220 Universal switches, VSP4900, and VSP7400.
Support SP Indoor AFC Platforms for AFC Mobile App (XIQ-39768)	Added AFC Mobile App support for setting indoor AP GPS coordinates where GPS lock is unavailable.
Automatically Add New Stack Member to the Stack (XIQ-39640)	Added automatic stack member onboarding with license allocation for consistent stack management.
Solum Dongle Support for WiFi 7 APs (XIQ-36151)	Solum dongle support for WiFi 7 APs (AP4020, AP5020, AP4020X, AP4020FX).

Table 4: New Features in release 25.5.1-62 (continued)

Feature	Description
Hanshow Dongle Support for WiFi 7 APs (XIQ-36150)	Added Hanshow dongle support for WiFi 7 APs (AP4020, AP5020, AP4020X, AP4020FX).
Support for IQ Engine 10.8r4 (XIQ-35545)	Added support for IQ Engine 10.8r4.
Support for UL OFDMA for AP4020 and AP5020 (XIQ-35212)	Added UL OFDMA support for AP5020 and AP4020 devices.
Broadcast/Multicast Control for Tunnel Concentrator (XIQ-27616)	Added Broadcast/Multicast control configuration for Tunnel Concentrator services.
IQ Engine Support for WPA3 Personal Transition Mode (XIQ-27405)	Added WPA3 Personal Transition Mode support for IQ Engine with PMF optional for 2.4/5GHz and mandatory for 6GHz.
WiFi Interface Statistics Display Issues Resolved (XIQ-16899)	Fixed WiFi interface statistics display for AP3000/AP5020/AP4020/X devices with different operating modes.
Instant port Device Types Scale Increase (NVO-4791)	Instant port Device Types scale has been increased to up to 260 device types with pagination.
Partially Connected/ Onboarded devices support (NVO-5637)	Support has been added for partially connected/onboarded devices.
Toast Message Efficiency Improvements (NVO-8661)	Efficiency improvements to Toast messages have been made to reduce frequency during network instability.
Quick Navigation Menu Enhancement (NVO-9715)	The Quick Navigation Menu has been updated to display "Unlock Full Features" at Site and Group Site levels.
Visualization Enhancements (NVO-6313), (NVO-6645), (NVO-6958)	• Minimap replacement with View Selector for better flexibility. • Pagination, view centering, and legend updates • Switch Device Details View (Device 360) enhancements
Added Support (NVO-7061)	Added support for the 5320-16P-2MXT-2X switch, 5420-24W-24S-4YE switch, and the 7830 Series switches.

Table 4: New Features in release 25.5.1-62 (continued)

Feature	Description
Support for 5320-16P-2MXT-2X Switch (NVO-6438)	Added support for Switch Engine onboard, monitor, and configuration for the 5320-16P-2MXT-2X switch.
Support for 5420M-24W-24S-4YE Switch (NVO-6436, NVO-6437)	Added support for Fabric Engine and Switch Engine onboard, monitor, and configuration for the 5420M-24W-24S-4YE switch.
Support for 7830 Series Switch (NVO-6435, NVO-6440)	Added support for Fabric Engine onboard, monitor, and configuration for the 7830 Series switch.

Addressed Issues in 25.5.1-62

Table 5 lists Addressed Issues in ExtremeCloud IQ 25.5.1-62.

Table 5: Addressed Issues in release 25.5.1-62

Issue ID	Description
Account Management	
WS-3201	Fixed an issue where the account switcher popup did not load for users with linked external accounts.
WS-3218	Fixed an issue where language changes were not applied to micro-frontend pages when using the account switcher.
WS-3226	Fixed an issue where the account switcher menu appeared unexpectedly during browser refresh.
WS-3268	Fixed an issue where switching to a pilot license external VIQ from the **Contract** page left the application in a loading state.
WS-3281	Fixed an issue where switching accounts from the edit user screen caused errors and blank pages.
API	
XCP-9249	Added API support while mapping externally auth IdP/AD groups to a custom role.
Browser Issues	
NVO-10386	Fixed an issue where a selected link does not stay highlighted in Fabric View while using Microsoft Edge.
WS-2809	Fixed an issue where switching back to English from other languages required a browser refresh to take effect.
Device Management	
XIQ-26907	Fixed an issue where port forwarding configuration required a complete config push instead of working with delta configuration.

**Table 5: Addressed Issues in release 25.5.1-62 (continued)**

Issue ID	Description
XIQ-41057	Fixed an issue where AP5020 WiFi0 interface always reported noise value as 0 regardless of actual RF conditions.
XIQ-43891	Fixed an issue where the export function for stack switch devices only included details of the primary switch instead of all stack members.
XIQ-44031	Fixed an issue where client issue counts were inconsistent between the **Client List** page and C360 Troubleshooting Client Issues page.
XCP-5043	Addressed the issue where UCP appliance table alignment was incorrect under the **Appliance** tab for high-resolution displays (3840×2160). The table now displays with proper alignment across different screen resolutions.
XCP-10812	Device managed by Site Engine cannot be changed from Managed to Unmanaged and Unmanaged to Managed in Extreme Platform ONE Networking. Use ExtremeCloud IQ (New) to perform such actions.
XCP-12595	Fixed an issue where deleted devices were temporarily visible in UI pagination, causing usability problems. The system now properly refreshes the grid after deletion and disables in-progress devices to prevent user actions during deletion processing.
Licensing	
CFD-15499, CFD-15501	Addressed licensing issues that can cause unintended license reallocation and block device unmanagement for HIQ accounts.
XCP-1253	Addressed deprecation of CoPilot Grace Period functionality.
XCP-10232	Fixed an issue where devices were allocated Extreme Platform ONE Networking licenses even when insufficient licenses were available, making the environment unusable.
XCP-10593	Updated Extreme Platform ONE Networking license descriptions from "SaaS Subscription" to "Networking Right-to-use".
XCP-10689	Added graceful migration path from Extreme Platform ONE Networking license back to Pilot license.
XCP-11497	Addressed tier mapping change for Tunnel Concentrator from Tier B to Tier A.
XCP-11515	Addressed subscription mapping corrections for Summit X620, X670, and X770 series switches to appropriate Extreme Platform ONE Networking tiers.
Onboarding	
NVO-9543	Fixed an issue where FA AutoSense configuration during xlsx onboarding created VLAN attributes without performing the unlock step.
XIQ-43686	Fixed an issue where 6GHz channel and admin state were not updating properly during bulk onboarding for WiFi2 interface.

Table 5: Addressed Issues in release 25.5.1-62 (continued)

Issue ID	Description
XCP-6924	The general device onboarding failed toast messages must include reason for failure.
XCP-10371	Wired and Wireless onboarding processes onboard more than 10 devices, exceeding the intended limit.
XCP-10407	The DLCS service returns inconsistent schema structures for HTTP 400 errors across different onboarding interfaces.
Roles	
NVO-9442	Fixed an issue where Observer role users received "Access Denied" error when performing Save Settings action.
XIQ-43835	Fixed an issue where NetSecOps role users received a 403 error when performing Reset VIQ operations.
XCP-10667	Fixed an issue where BizOps users under EP1 could not access the "Unlock Full Features" functionality on the Inventory page.
WS-3030	Fixed an issue where incorrect banner appeared when accessing the application with role-based accounts.
WS-3238	Fixed an issue where users could access restricted screens when switching to external VIQs without proper permissions.
WS-3242	Fixed an issue where External Observer users could access restricted Administration pages during browser refresh.
SSO	
NVO-7270	Extreme Cloud IQ (NEW) and Extreme Platform ONE Networking now support updating Extreme Security ONE certificates that expire with a pending delta configuration update for Switch Engine devices enabled with Instant Secure Port or Fabric Engine devices configured with Extreme Security One RADIUS servers.
User Interface	
XIQ-44776	Added support for VOSS 8.10.8 GA onboard, monitor, configuration, and download image functionality for XA1400 switches.
XIQ-44777	Added support for Fabric Engine/VOSS 8.10.8 onboard, monitor, configuration, and drag-drop image functionality for XA1400 switches.
XCP-9905	When accessing the ExtremeCloud IQ URL (https://ws2.qa.xcloudiq.com/) or the SD-WAN URL (https://extremecloudiq.com/discovery-apps), users are redirected to the existing login pages instead of the Extreme Platform ONE Networking login page.
XCP-11234	The number of client issues displayed on the Client List page does not match the count on the **C360** > **Troubleshooting** > **Client Issues**.

Table 5: Addressed Issues in release 25.5.1-62 (continued)

Issue ID	Description
XCP-12718	Fixed an issue where wildcard operating system version patterns like .xx were not matching actual version entries. The system now correctly handles wildcard patterns such as 33.2.1.xx to match versions like 33.2.1.0, 33.2.1.2, and 33.2.1.16.
WS-2708	Fixed an issue where selected languages were not properly applied across Dashboard, Visualization, Alert List, Network Devices, Clients, and other application pages.
Visualize	
XCP-9249	Added support for mapping externally authenticated IdP/AD groups to custom roles.
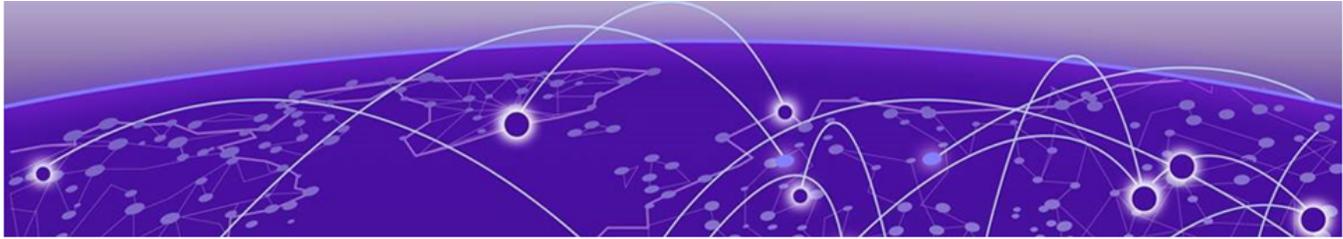
Known Issues in 25.5.2-10

Table 6 lists Known Issues for ExtremeCloud IQ 25.5.2-10.

The following table lists known product issues. Issues are grouped according to ID prefix and sorted within their group with the most recently logged issue listed first. (Issue IDs are in descending order.)

**Table 6: Known Issues in release 25.5.2-10**

Issue ID	Description
9-dot Menu	
WS-3630	The redirection from the 9 dot menu for a trial is not happening correctly.
XCP-3475, XCP-10803, XCP-11090	Accessing applications from the 9-dot menu fails with Internal Server Errors.
Account Management	
WS-775	The Verify Email option in the Account Lockout Notification email takes you to the ExtremeCloud IQ application.
WS-1916	Users with multiple accounts are unable to switch accounts or VIQs.
WS-3199	Navigating to an external user account with no license and refreshing the browser allows a user to continue to access the Extreme Platform ONE Networking menus.
WS-3625	The account is listed incorrectly when switching from ExtremeCloud IQ to Extreme Platform ONE Networking.
XCP-9602	"Unable to resend" error message appears when trying to resend verification email after 30+ minutes on customer creation page.
API	
XIQ-39330	The packet loss metric is incorrectly reported as a raw packet count rather than a percentage in both the API response and the user interface.
XCP-9613	DevX runtime performance dashboard development for API utilization, notifications, and ITSM sync.
XCP-12725	Internal Grafana-based runtime performance dashboard development for API and notification monitoring.
XCP-12727	API rate limiting implementation needed for customer accounts, users, and tokens with appropriate KPI tracking.

Table 6: Known Issues in release 25.5.2-10 (continued)

Issue ID	Description
XCP-13136	External release type and release notes information is missing for cloud managed device upgrade/firmware versions API. This requires dependency resolution with IT services for complete implementation.
Browser Issues	
NVO-1308	Unable to add or delete tags in Safari browser as pop-ups are not working.
NVO-6837	When using Firefox, the device icons are misaligned in the Physical View.
WS-3662	Acceptance of the Terms & Conditions is not reflected until the page refreshed.
XIQ-37416	Flickering Heatmap issues with 3D mapview when using MacBook with Chrome/Firefox browser.
Contracts	
CFD-14518	Canceled contracts are displayed as active in the Contracts view.
Device Management	
NVO-6878	The Device Inspector does not display the Client tab for some devices.
XCP-5227, XCP-5268	Incorrect "Managed_by" value for locally managed devices.
XCP-11576	EOS, EOSM, and EOSL data is not displayed in Hardware Lifecycle for Stack and UCP Appliances, even when dates are expired. The data is properly stored but not reflected in the summary/hardware LifeCycle API response for these device types.
XCP-12743	Bulk delete operations are limited to approximately 250-287 devices due to ExtremeCloud IQ API path parameter constraints. Larger bulk operations will require event-based design implementation for proper scaling.
XCP-13202	Security vulnerabilities are not displayed in the firmware upgrade flow for locally managed switches. Currently, locally managed devices are not in scope for PSIRTS vulnerability reporting.
WS-1947	The maximum number of clients that can be selected to be disconnected is ten in a single request.
Licensing	
XCP-11193	Linking a portal account with Extreme Platform ONE Networking only licenses fails to redirect users from ExtremeCloud IQ to Extreme Platform ONE Networking.
XCP-11270	A user account with both Extreme Platform ONE Networking and ExtremeCloud IQ licenses is redirected to the ExtremeCloud IQ login page after login, instead of the expected Extreme Platform ONE Networking login page.
Logs	

Table 6: Known Issues in release 25.5.2-10 (continued)

Issue ID	Description
XCP-11224	The Audit Log displays API denied error log entries, which are not relevant.
Roles	
WS-3519	External users with the Bizops role have access to the Visualization page.
XIQ-45333	Manage/unmanage actions are not working for EP1 BizOps role users, showing "something went wrong" error.
XCP-10308	Manage or Unmanage actions are not performed for the NetSecOps Role.
XCP-13153	Existing RBAC roles (monitor and observer) are converted to tenant admin post GDC upgrade on staging environment.
SSO	
XCP-8507	The login button does not activate for certain SSO-enabled user login instances.
Upgrading	
XCP-12707	Individual level upgrade firmware screen does not display data properly once CVEs are expanded in the UI. This is dependent on EC1 team fixes for proper chip overflow behavior.
XCP-12708	PSIRTS vulnerability information is not working properly in the E2E upgrade flow due to data format mismatches between AI Core and AFS/Inventory systems. Version normalization is being implemented to address this issue.
User Interface	
WS-3120	Intermittent logins receive a white screen with an incomplete load of the application.
XCP-5043	UCP appliance is misaligned in the table under **Asset** > **Appliance**.
XCP-5065	Search and Filter does not filter the appliance cluster.
XCP-6945	Table alignment for the child devices is not aligned under **All** > **Switch** > **Appliance**.
Visualize	
NVO-7586	Fabric links may not appear in the **Fabric Layer View** when devices use the default ISIS area ID 1515.fee1.900d.1515.fee1.900d and are running Visualization version 24.5 or older.
NVO-7899	Device Action **Configure Fabric** needs to be restricted to Extreme Platform ONE Networking compatible buildings only.
NVO-8908	Node custom positions in topology are not retained on browser refresh.
NVO-9398	Some wireless floor plans not loading for Observer role users.
NVO-10726, WS-3519	External users with the Bizops role have access to the **Visualization** page.
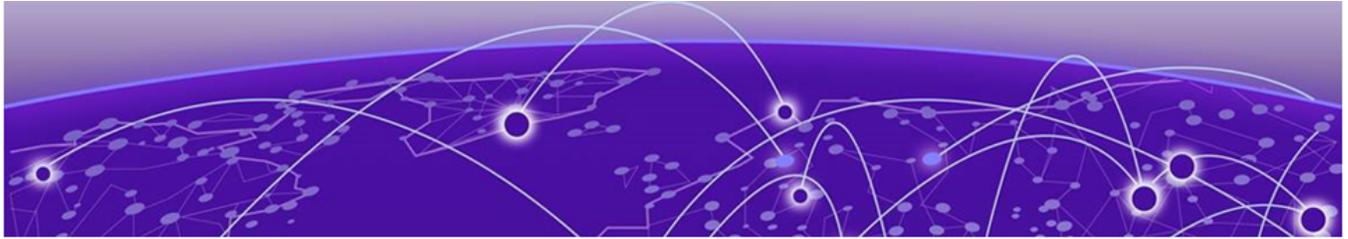
Device Support Information

This section lists the devices that ExtremeCloud IQ supports and includes the latest version of the software that each device supports.

> **Note**
> Site-Engine managed devices that are connected to ExtremeCloud IQ are Unsupported in ExtremeCloud IQ (New).

Universal Compute Platform

Device Model	Latest Supported Release	Comments
ExtremeCloud Edge	5.11.01	1130C 2130C 3150C 3160C 4120C

Access Points

Access Point information is provided in the following sections:

- Universal Hardware on page 21
- IQ Engine (Cloud Native) on page 22

Universal Hardware

Device Model	Latest Supported Release	Comments
AP302W	IQ Engine 10.8.4 WiNG OS 7.9.6.1 AP 10.15.1	Platform support introduced with IQ Engine 10.3.1
AP305C	IQ Engine 10.8.4 WiNG OS 7.9.6.1 AP 10.15.1	Platform support introduced with IQ Engine 10.1.1
AP305C-1	IQ Engine 10.8.4 WiNG OS 7.9.6.1 AP 10.15.1	Platform support introduced with IQ Engine 10.4.6
AP305CX	IQ Engine 10.8.4 WiNG OS 7.9.6.1 AP 10.15.1	Platform support introduced with IQ Engine 10.1.1
AP3000	IQ Engine 10.8.4 AP 10.15.1	Platform support introduced with IQ engine 10.6.1
AP3000X	IQ Engine 10.8.4	Platform support introduced with IQ Engine 10.6.1
AP4000	IQ Engine 10.8.4 AP 10.15.1	Platform support introduced with IQ Engine 10.4.1
AP4000-1	IQ Engine 10.8.4 AP 10.15.1	Platform support introduced with IQ Engine 10.4.2
AP4020	IQ Engine 10.8.4	Platform support introduced with IQ Engine 10.8.1
AP410C	IQ Engine 10.8.4 WiNG OS 7.9.6.1 AP 10.15.1	Platform support introduced with IQ Engine 10.1.2
AP410C-1	IQ Engine 10.8.4 WiNG OS 7.9.6.1 AP 10.15.1	Platform support introduced with IQ Engine 10.4.6
AP460C	IQ Engine 10.8.4 WiNG OS 7.9.6.1 AP 10.15.1	Platform support introduced with IQ Engine 10.1.2
AP460S6C	IQ Engine 10.8.3 WiNG OS 7.9.6.1 AP 10.14.1	Platform support introduced with IQ Engine 10.1.2
AP460S12C	IQ Engine 10.8.4 WiNG OS 7.9.6.1 AP 10.15.1	Platform support introduced with IQ Engine 10.1.2

Device Model	Latest Supported Release	Comments
AP5010	IQ Engine 10.8.4 WiNG OS 7.9.6.1 AP 10.15.1	Platform support introduced with IQ Engine 10.5.1
AP5020	IQ Engine 10.8.4 AP 10.15.1	Platform support introduced with IQ Engine 10.7.2
AP5050U	IQ Engine 10.8.4 AP 10.15.1	Platform support introduced with IQ Engine 10.5.3
AP5050D	IQ Engine 10.8.4 AP 10.15.1	Platform support introduced with IQ Engine 10.5.3
AP510C/CX	IQ Engine 10.8.4	Platform support introduced with IQ Engine 10.0.8

IQ Engine (Cloud Native)

Device Model	Latest Supported Release	Comments
AP630	IQ Engine 10.8.4	Platform support introduced with IQ Engine 10.0.1. End of Life Information
AP650	IQ Engine 10.8.4	Platform support introduced with IQ Engine 10.0.1. End of Life Information
AP650X	IQ Engine 10.8.4	Platform support introduced with IQ Engine 10.0.1. End of Life Information
AP1130	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.2.1. End of Life Information
AP250	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 7.0.2.
AP230	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.2.1. End of Life Information
AP150W	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.1.1. End of Life Information
AP130	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.2.1. End of Life Information
AP122	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 7.0.4.
Atom AP30	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.3.2. End of Life Information

Switches

Switch information is provided in the following sections:
- Universal Hardware on page 24

- ExtremeXOS on page 43
- VOSS on page 47

For the latest release notes for Fabric Engine and Switch Engine , see the Extreme Networks Documentation Site.

Universal Hardware

Device Model	Latest Supported Release	Standalone Support	Stack Support
4120-24MW-4Y	Switch Engine 33.3	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 200Gb stacking through two built-in QSFP28 ports **Note:** Can only stack with other 4120 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.
4120-48MW-4Y	Switch Engine 33.3	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 200Gb stacking through two built-in QSFP28 ports **Note:** Can only stack with other 4120 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
4120-Series-Stack	Switch Engine 33.3	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 200Gb stacking through two built-in QSFP28 ports **Note:** Can only stack with other 4120 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.
4220-12P-4X	Switch Engine 33.3	**Switch Engine:** • Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine:** Monitor **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 40Gb stacking through two built-in SFP+ uplink ports **Note:** Can only stack with other 4220 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
4220-12T-4X	Switch Engine 33.3	**Switch Engine**: • Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine**: Monitor **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 40Gb stacking through two built-in SFP+ uplink ports **Note:** Can only stack with other 4220 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.
4220-24P-4X	Switch Engine 33.3	**Switch Engine**: • Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine**: Monitor **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 40Gb stacking through two built-in SFP+ uplink ports **Note:** Can only stack with other 4220 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
4220-24T-4X	Switch Engine 33.3	**Switch Engine**: • Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine**: Device-level Configuration **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 40Gb stacking through two built-in SFP+ uplink ports **Note:** Can only stack with other 4220 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.
4220-48P-4X	Switch Engine 33.3	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 40Gb stacking through two built-in SFP+ uplink ports **Note:** Can only stack with other 4220 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
4220-48T-4X	Switch Engine 33.3	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 40Gb stacking through two built-in SFP+ uplink ports **Note:** Can only stack with other 4220 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.
4220-4MW-20P-4X	Switch Engine 33.3	**Switch Engine**: • Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine**: Device-level Configuration **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 40Gb stacking through two built-in SFP+ uplink ports **Note:** Can only stack with other 4220 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
4220-4MW-8P-4X	Switch Engine 33.3	**Switch Engine**: • Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine**: Device-level Configuration **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 40Gb stacking through two built-in SFP+ uplink ports **Note:** Can only stack with other 4220 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.
4220-8MW-40P-4X	Switch Engine 33.3	**Switch Engine**: • Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine**: Device-level Configuration **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 40Gb stacking through two built-in SFP+ uplink ports **Note:** Can only stack with other 4220 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
4220-8X	Switch Engine 33.3	**Switch Engine**: • Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine**: Device-level Configuration **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 40Gb stacking through two built-in SFP+ uplink ports **Note:** Can only stack with other 4220 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.
4220-Series-Stack	Switch Engine 33.3	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • 40Gb stacking through two built-in SFP+ uplink ports **Note:** Can only stack with other 4220 devices. Cross stacking between 4120 and 4220 is not supported. Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5120-24X-4Y	Switch Engine 33.3	· Onboard · Monitor · Template- and device-level configuration · SSH Proxy* · Supplemental CLI* **Note:** Pilot license required to configure advanced features.	· Onboard · Monitor · Template- and device-level configuration · SSH Proxy* · Up to 8 unit stacking · Ability to toggle universal ports from stacking-support enabled to stacking-support disabled · Two QSFP28 uplink ports that can operate at 1x100G, 4x10G, or 4x25G **Note:** Can only stack with other 5120 devices.Cross stacking between 4000 and 5000 is not supported.
5120-24XT-4Y	Switch Engine 33.3	· Onboard · Monitor · Template- and device-level configuration · SSH Proxy* · Supplemental CLI* **Note:** Pilot license required to configure advanced features.	· Onboard · Monitor · Template- and device-level configuration · SSH Proxy* · Up to 8 unit stacking · Ability to toggle universal ports from stacking-support enabled to stacking-support disabled · Two QSFP28 uplink ports that can operate at 1x100G, 4x10G, or 4x25G **Note:** Can only stack with other 5120 devices.Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5120-44X-4Y-2C	Switch Engine 33.3	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • Ability to toggle universal ports from stacking-support enabled to stacking-support disabled • Two QSFP28 uplink ports that can operate at 1x100G, 4x10G, or 4x25G **Note:** Can only stack with other 5120 devices.Cross stacking between 4000 and 5000 is not supported.
5120-Series-Stack	Switch Engine 33.3	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Pilot license required to configure advanced features.	• Onboard • Monitor • Template- and device-level configuration • SSH Proxy* • Up to 8 unit stacking • Ability to toggle universal ports from stacking-support enabled to stacking-support disabled • Two QSFP28 uplink ports that can operate at 1x100G, 4x10G, or 4x25G **Note:** Can only stack with other 5120 devices.Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5320-16P-4XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5320-16P-4XE-DC	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5320-24T-8XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5320-24P-8XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5320-48T-8XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5320-48P-8XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5420F-24T-4XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5420F-24P-4XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5420F-24S-4XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5420F-48T-4XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5420F-48P-4XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5420F-48P-4XL	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy

Device Model	Latest Supported Release	Standalone Support	Stack Support
5420F-8W-16P-4XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5420F-16W-32P-4XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5420F-16MW-32P-4XE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5420M-24T-4YE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5420M-24W-4YE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5420M-48T-4YE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5420M-48W-4YE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5420M-16MW-32P-4YE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5520-24W	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5520-24T	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5520-24T-ACDC	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5520-24X-ACDC	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5520-48W	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5520-48T	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5520-48T-ACDC	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5520-12MW-36W	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5520-48SE	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5520-48SE-ACDC	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	• Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5520-24X	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5720-24MW	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5720-48MW	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5720-24MXW	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
5720-48MXW	Switch Engine 33.3 Fabric Engine 9.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Note:** Fabric Engine only supports device-level configuration.	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
7520-48Y	Switch Engine 33.3 Fabric Engine 9.3	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine:** Device-level Configuration	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
7520-48YE	Switch Engine 33.3 Fabric Engine 9.3	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine**: Device-level Configuration	**Switch Engine**: • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
7520-48XT	Switch Engine 33.3 Fabric Engine 9.3	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine**: Device-level Configuration	**Switch Engine**: • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.
7720-32c	Switch Engine 33.3 Fabric Engine 9.3	**Switch Engine:** • Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI* **Fabric Engine**: Device-level Configuration	**Switch Engine**: • Monitor • Template- and device-level configuration • SSH Proxy **Note:** Cross stacking between 4000 and 5000 is not supported.

Note
* SSH Proxy and Supplemental CLI can be used for configuring additional parameters not currently available within template or device-level configurations.

ExtremeXOS

Device Model	Latest Supported Release	Standalone Support	Stack Support
X435-8P-2T-W	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	N/A
X435-24T-4S	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	N/A
X435-24P-4S	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	N/A
X435-8T-4S	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	N/A
X435-8P-4S	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	N/A
X440-G2-12p-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*
X440-G2-12t-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*

Device Model	Latest Supported Release	Standalone Support	Stack Support
X440-G2-24p-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*
X440-G2-24t-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*
X440-G2-48p-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*
X440-G2-48t-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*
X450-G2-24p-GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X450-G2-24p-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X450-G2-48p-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor

Device Model	Latest Supported Release	Standalone Support	Stack Support
X460-G2-16mp-32p-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • S	Monitor
X460-G2-24p-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24p-GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • S	Monitor
X460-G2-24p-24hp-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24t-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24t-GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24t-24ht-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24x-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor

Device Model	Latest Supported Release	Standalone Support	Stack Support
X460-G2-48p-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-48t-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-48t-GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-48x-10GE4	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-24W	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-48W	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-24MU	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor

Device Model	Latest Supported Release	Standalone Support	Stack Support
X465-48P	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-24MU-24W	ExtremeXOS 33.3	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor

> **Note**
> ***** SSH Proxy and Supplemental CLI can be used for configuring additional parameters not currently available within template or device-level configurations.

VOSS

Device Model	Latest Supported Release	Standalone Support	Stack Support
VSP7432CQ	VOSS 9.2.1.0	• Monitor • Device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP7400-48Y	VOSS 9.2.1.0	• Monitor • Device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP4900-48P	VOSS 9.2.1.0	• Monitor • Device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP4900-24XE	VOSS 9.2.1.0	• Monitor • Device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported

Device Model	Latest Supported Release	Standalone Support	Stack Support
VSP4900-24S	VOSS 9.2.1.0	• Monitor • Device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP4900-12MXU-12XE	VOSS 9.2.1.0	• Monitor • Device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported

Note
* SSH Proxy and Supplemental CLI can be used for configuring additional parameters not currently available within template or device-level configurations.