



# ExtremeCloud IQ (Classic) v25.6.4-4 (Patch 4) Release Notes

Enhancements, Fixes, and Supported Devices

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January 2026



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# Abstract

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This release notes document for ExtremeCloud™ IQ (Classic) version 25.6.4-4 (Patch 4) provides a comprehensive overview of new features, resolved issues, known limitations, and supported hardware and software platforms. Key enhancements include AFC support for AP5050 in Canada, WBA OpenRoaming for AP4020X, Fabric Attach Redundancy, UL OFDMA support for AP5020 and AP4020, and WPA3 Personal Transition Mode across multiple frequency bands. The release introduces configuration improvements such as Spanning Tree support for AP302W, indoor/outdoor mode for AP4060 series, and DNS default changes to Cloudflare. It supports IQ Engine 10.8.4, Switch Engine 33.2, and VOSS 9.1.0.1, with expanded device compatibility across Universal Hardware, ExtremeXOS, VOSS, and Dell EMC platforms. Over 20 issues were addressed, including fixes for API failures, localization errors, configuration update timeouts, and dashboard display inconsistencies. Known issues include UI synchronization delays, configuration push failures, and licensing anomalies. The document also outlines firewall and IP address requirements for global data centers, supported browsers, and display settings. Designed for IT professionals and network administrators, this technical document assumes an intermediate to advanced understanding of cloud-managed networking environments.



# Help and Support

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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

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# General Release Information

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## Note

All instances of ExtremeCloud IQ in this guide refer to ExtremeCloud IQ (Classic).

## Release: 25.6.4-4 (Patch 4)

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January 2026

This release improved database performance issues related to upgrade failures, access control requirements, EXOS switch onboard errors, and error logging. Improvements were made to identity provider configuration, and license synchronization. User experience and session management was improved, including clarifying CUID tracking behavior for unlinked accounts, fixing firewall guide links, language selection when switching accounts, and session timeout behavior.

### Related Links

- [Known Issues](#) on page 16
- [Device Support Information](#) on page 20

## Release: 25.6.4-4 (Patch 4) Addressed Issues

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Issue ID	Description
XCP-15882	An IdP created with the Administrator role with <b>All Sites</b> selected in Extreme Platform ONE Networking and later switches to ExtremeCloud IQ (Classic), the <b>Sites</b> in ExtremeCloud IQ (Classic) show <b>Custom</b> and no sites are selected. The workaround is to create an IdP in ExtremeCloud IQ (Classic).
XCP-16604	Addressed an issue where a license violation is reported incorrectly and displays the license violation banner.

## Release: 25.6.2-12 (Patch 2)

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December 2025

This release delivers critical fixes across device management, user access control, and network monitoring capabilities. Key improvements include resolving device onboarding issues for AP4060 series with CONNECT level accounts, fixing operator role permissions for device management, and addressing network interface reporting

delays. Additionally, AFC (Automated Frequency Coordination) functionality receives performance enhancements and expanded device support, while several account creation and authentication workflow issues have been corrected to improve user experience.

## Release: 25.6.2-12 (Patch 2) Addressed Issues

Issue ID	Description
CFD-15718	Resolved an issue where the Operator role could not change the management state of devices.

## Release: 25.6.1-18

December 2025

## Release: 25.6.1-18 Addressed Issues

Issue ID	Description
XIQ-46805, XIQ-46750, XIQ-46481, XIQ-45758	AP4060X models now correctly display GPS/AFC Spectrum capabilities, 6GHz channel availability, and country-specific channel restrictions.
XIQ-46540	The visibility of the WiFi2 tab has been stabilized for AP410C/AP460C devices.
XIQ-46472, XIQ-46479	Monitor and Guest Management role users' access controls have been updated while viewing the device page.
XIQ-46470	Wired client data is now properly synchronized across applications and reporting systems.
CFD-15551	Addressed the issue where ExtremeCloud IQ API calls failed to get the device list from the page verified.

## ExtremeCloud IQ 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	<a href="#">Firewall Address and Port Information</a>
Azure, Canada Central (ACA)	20.151.64.48/28	<a href="#">Firewall Address and Port Information</a>
Azure, US East (AVA)	52.226.89.112/28	<a href="#">Firewall Address and Port Information</a>
Brazil (BR)	18.228.70.16/28	<a href="#">Firewall Address and Port Information</a>



Data Center	IP Block	Addresses and Ports
Germany (FRA)	3.67.81.96/27 18.194.95.0/28	<a href="#">Firewall Address and Port Information</a>
India (IN)	13.232.67.8/29 3.6.70.64/29	<a href="#">Firewall Address and Port Information</a>
Ireland (IE)	34.253.190.192/26	<a href="#">Firewall Address and Port Information</a>
Japan (JP)	18.176.203.112/29 13.231.6.232/29 57.181.58.0/28	<a href="#">Firewall Address and Port Information</a>
Netherlands (NL-GCP)	34.91.82.64/27	<a href="#">Firewall Address and Port Information</a>
Singapore (SG-GCP)	34.87.158.80/28	<a href="#">Firewall Address and Port Information</a>
Spain (ES)	18.101.49.128/27	<a href="#">Firewall Address and Port Information</a>
Sweden (SE)	13.48.186.224/29 13.48.4.184/29 13.48.4.240/28	<a href="#">Firewall Address and Port Information</a>
Switzerland (ACH)	51.107.1.192/28	<a href="#">Firewall Address and Port Information</a>
United Arab Emirates (UAE)	3.28.159.128/28	<a href="#">Firewall Address and Port Information</a>
United Kingdom (UK-AGB)	51.143.233.80/28	<a href="#">Firewall Address and Port Information</a>
US East (VA )	34.202.197.0/26 44.192.245.0/26 3.234.248.0/27	<a href="#">Firewall Address and Port Information</a>
US East 2 (VA2)	34.202.197.0/26 44.192.245.0/26 3.234.248.0/27	<a href="#">Firewall Address and Port Information</a>
US-Iowa (IA-GCP)	34.67.130.64/27	<a href="#">Firewall Address and Port Information</a>
US Ohio (OH)	3.145.235.64/26	<a href="#">Firewall Address and Port Information</a>

## Supported IQ Engine Software

See the [IQ Engine Release Notes](#) for information about IQ Engine version 10.8.5.





## Previous Release

[New Features](#) on page 9

[Addressed Issues](#) on page 14

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

### New Features

[Table 3](#) on page 10 lists the new features introduced in ExtremeCloud IQ 25.6.0-102.

#### Device OS Support

This release supports the following device operating systems.

**Table 1: EXOS/Switch Engine Support Matrix**

XIQ Release 25r4	Version	Hardware/Model	XIQ 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 2: VOSS Fabric Engine Support Matrix**

XIQ Release 25r4	Version	Hardware Model	XIQ 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 10.8.5

#### New Hardware Support

No new hardware in this release.

**Table 3: New Features in 25.6.0-102**

Feature ID	Feature	Description
XIQ-46592	ExtremeCloud IQ AirDefense Support	ExtremeCloud IQ supports AirDefense on Prem (ADSP) for AP5020.
XIQ-42997	AP4060/X Indoor/Outdoor Configuration	Added configuration options for AP4060 and AP4060X to support indoor and outdoor modes through device-level configuration and device templates. The AP4060 model additionally supports vertical and horizontal orientation settings, enabling administrators to configure and modify deployment modes at any time.
XIQ-41840	Standards-Based GRE Failover Settings	Added failover IP address configuration for standards-based GRE tunneling to enable geographic redundancy. Access points can now automatically fail over from a primary tunnel endpoint to a secondary datacenter location when the primary tunnel state changes to down, with fail-back capability to the primary endpoint.
XIQ-41152	Automated Configuration Push to Tunnel Concentrator	Added configuration pushes to Tunnel Concentrators that were not automatically triggered when AP IP addresses changed due to AP or router power cycles, resulting in manual intervention requirements.

**Table 3: New Features in 25.6.0-102 (continued)**

Feature ID	Feature	Description
XIQ-40825	IQ Engine Version Support Enhancement	Added support for IQ Engine versions 10.7r5b for AX access points (4000/U, 650, 302W), 10.7r5c for 11ax and 6E access points (3000/X, 5010/U, 5050U/D), and 10.8r1a for AP4020/5020 models.
XIQ-40498	EXOS/Switch Engine 31.7.4.2 Support	Added onboard, monitor, and configuration support for EXOS/Switch Engine version 31.7.4.2 across all ExtremeCloud IQ-supported EXOS/Switch Engine SKUs via local image management.
XIQ-39770	EXOS/Switch Engine 32.7.2 Support	Added onboard, monitor, and configuration support for EXOS/Switch Engine version 32.7.2 across all ExtremeCloud IQ-supported EXOS/Switch Engine SKUs via local image management.
XIQ-39769	EXOS/Switch Engine 32.7.2 Download Support	Added download image support for EXOS/Switch Engine version 32.7.2, making it available as the latest image for all supported single and stacked EXOS/Switch Engine SKUs in the global image download drop-down list.
XIQ-39125	Fabric Engine/VOSS 9.2 Support	Added support for Fabric Engine/VOSS version 9.2 including onboard, monitor, configuration, and image management capabilities for Universal switches, VSP7400, and VSP4900. The implementation includes IQAgent validation with user-controlled downgrade capability.
XIQ-39122	Fabric Engine/VOSS 9.1.1 Support	Added support for Fabric Engine/VOSS version 9.1.1 including onboard, monitor, configuration, and download capabilities for all supported VOSS/Fabric Engine SKUs (5000 and 7000 series Universal Switches, VSP7400, VSP4900).
XIQ-38315	Enhanced Packet Capture for AP5050U/D	Addressed the issue where AP5050U/D models were using legacy packet capture instead of enhanced packet capture. The implementation now provides proper filter configuration matching the AP5010 enhanced packet capture functionality.
XIQ-38166	802.3az Green Ethernet Support for AP4020	Added 802.3az Energy Efficient Ethernet support for the AP4020 access point model, matching the functionality previously available on other platform models.

**Table 3: New Features in 25.6.0-102 (continued)**

Feature ID	Feature	Description
XIQ-37137	Network Policy SSID Loading Performance	Added a new API endpoint to improve SSID profile loading performance in Network Policy wireless networks section. The optimized API returns only essential SSID information (name, access security, VLAN) reducing load times that previously reached 13 seconds in production environments.
XIQ-36988	LLDP Enabled by Default for AP4020	Addressed the issue with Fabric Attach AutoSense functionality by enabling LLDP by default for unconfigured AP4020 access points. The implementation includes immediate FA LLDP packet transmission after port up and triggered responses to FA-LLDP packets from VOSS/Fabric Engine switches.
XIQ-35885	Dynamic Packet Capture Disable Options	Added configuration toggle to disable Dynamic Packet Capture at the SSID level while maintaining Client Monitor functionality. Administrators can now independently control DPC and Client Monitor states, with automatic DPC disablement when Client Monitor is turned off.
XIQ-35778	Enhanced Client Roaming Visualization	Added improved visual display for client roaming with consolidated map and timeline presentation. The interface now shows roaming quality indicators through red/green chips, distinguishes actual roams from disconnect/connect events, and displays roaming details including reason codes and neighbor APs for supported clients (Zebra, Intel agent-based).
XIQ-35718	Map Rotation During Floor Creation	Added capability to rotate floor background images during floor creation and import. Administrators can now persist rotated backgrounds during upload and adjust map viewing perspectives at any time without data persistence for improved floor visualization.
XIQ-35542	HotSpot 2.0 Configuration for AP5020	Added Hotspot 2.0 configuration support in XIQ SSID settings for the AP5020 access point model.
XIQ-35418	Uplink MU-MIMO Support for AP4020	Added uplink multi-user MIMO configuration capability for the AP4020 access point, enabling directional MU-MIMO settings with compatibility for Intel BE200L client devices.

**Table 3: New Features in 25.6.0-102 (continued)**

Feature ID	Feature	Description
XIQ-35239	WiFi Mesh Support for AP4020	Added wireless bridging and mesh support for AP4020 access points across 2.4GHz, 5GHz, and 6GHz bands, enabling mesh connectivity between AP5000 models and between AP5000 and AP4000 models.
XIQ-35231	AP4020 General Availability Features	Added standard feature set support for AP5020-WW including Private Client Group, Fabric Attach, and container support in kernel.
XIQ-32605	Uplink MU-MIMO Support for AP5020	Added uplink multi-user MIMO configuration capability for the AP5020 access point with WiFi 7 11BE support, enabling directional MU-MIMO settings compatible with Intel BE200L client devices.
XIQ-32319	IoT Scan Duplicate Entry Removal	Added configurable toggle to remove duplicate tag entries from HTTP post within specified time intervals for AP5020/4020 IoT scans, providing administrators with control over redundant entry transmission.
XIQ-31831	Organizational Settings and Administration Reorganization	Reorganized global organizational settings and administration navigation to align with role visibility and hierarchical structure management. The implementation improves administrative access control and settings organization for new customer onboarding.
XIQ-31301	IQ Engine 10.8r1 Support	Added support for IQ Engine version 10.8r1 across supported access point platforms.
XIQ-26459	Imagotag/ESL Dongle Support for AP5020	Added support for SES Imagotag electronic shelf label dongles on the AP5020 access point platform.
HOS-24041	IQ Engine AirDefense Support	IQ Engine supports AirDefense on Prem (ADSP) for AP5020.

## Addressed Issues

Table 4 lists Addressed Issues in ExtremeCloud IQ 25.6.0-102.

**Table 4: Addressed Issues in 25.6.0-102**

Issue ID	Description
CFD-15390 (0000)	Fixed an issue where certain special characters (including backtick, underscore, caret, brackets, equals, asterisk, parenthesis, percent, and exclamation mark) in the default device password field threw a 400 error response.
CFD-15373 (03180157)	Addressed the issue where port configuration changes for ports 49-52 on the SR2348 switch were not applied when modified through the template, although device-level port changes worked correctly.
CFD-15372 (0000)	Fixed an issue where the error message displayed under the Events tab contained grammatical errors. The message now correctly reads "At least one of the source options needs to be selected."
CFD-15326 (0000)	Addressed the issue where the 5420F-8W-16P-4XE switch model incorrectly displayed 802.3bt/2.5GbE port capabilities. The system now accurately represents port capabilities, with improved visual demarcation indicating that only the first 8 ports support 802.3bt.
CFD-15252 (0000)	Fixed an issue where the Private Client Groups documentation link redirected users to the obsolete Aerohive document portal. The warning message and link have been removed from the Private Client Groups configuration page.
CFD-15200 (000)	Addressed the issue where wired clients connected to switches were incorrectly reported as wireless clients with false RSSI, SNR, and frequency values in the Client Health dashboard. The system now correctly identifies and displays wired clients without wireless attributes.
CFD-15169 (03173521)	Fixed an issue where email addresses with leading or trailing spaces were not trimmed on the login portal, causing authentication to fail with an "Email invalid" message. The system now properly trims whitespace from email addresses before authentication.
CFD-15140 (03170738)	Addressed the issue where VHM remained in a Suspended state for an extended period (several hours) after initiating a backup restore operation, when the process typically completes within minutes.
CFD-15139 (03168107)	Fixed an issue where the Account Management page sorting functionality only sorted entries on the current page rather than across all pages, making it difficult to manage accounts in organizations with more than 100 admin accounts.
CFD-15117 (03169384)	Addressed the issue where newly created AP650 templates with custom Radio Profiles were not visible in the AP templates list within Common Objects and could not be selected within any Network Policy, despite the system indicating that objects with those names already existed.

**Table 4: Addressed Issues in 25.6.0-102 (continued)**

Issue ID	Description
CFD-14988 (03159567)	Fixed an issue where newly configured locations using recently uploaded floor plans were missing floor plan displays in Location Essentials, while older locations and locations mapped to existing floor plans displayed correctly.
CFD-14196 (03117088)	Addressed the issue where enabling or disabling radio interfaces on access points with SSIDs configured for 802.11w (MFP) and custom radio profiles generated incorrect delta configuration commands, causing the initial configuration push to fail. The system now correctly generates configuration commands using SSID broadcast names and proper CLI syntax.
CFD-13987 (03102834)	Fixed an issue where the 5GHz radio channel selection on AP4000 devices in certain country codes (such as Japan - 392) only displayed "Auto" as an option, preventing static channel assignment. The system now correctly retrieves and displays available 5GHz channels for manual selection.
XIQ-46181	Fixed an issue where the Applications tab in the Clients page displayed a 400 (Bad Request) error when no application data was available for client devices within the first hour of connection. The system now displays an appropriate message in such scenarios.
XIQ-40387	Addressed the issue where AP4020 Wifi2 interface enabled incorrect channel options (channels 31 and 95) for 320-1MHz bandwidth in Device 360 for countries supporting 6GHz channels 1-93 (such as Morocco, Macao, and Jordan). The system now correctly enables only channel 31 for these countries when using 320-1MHz bandwidth.
XIQ-38184	Fixed an issue where changing the network operating system on 5420 devices running VOSS 9.1.0.0 to EXOS 33.2.0.325 via the cloud failed due to insufficient flash space during the image installation process. The system now properly handles image downloads and installation even with limited flash space availability.
XIQ-37096	Addressed the issue where deleting a CX9000 controller from ExtremeCloud IQ did not automatically remove the adopted access points from the ExtremeCloud IQ devices page, requiring manual deletion of each device individually. The system now properly removes all associated devices when a controller is deleted.
XIQ-33709	Fixed an issue where certain Node Alias entries present on the device CLI were not displayed in ExtremeCloud IQ client tables, including the device details monitor client table, Wired client page, device details for wired clients table, and Topology map wired client table. The system now displays all Node Alias client entries consistently across all ExtremeCloud IQ client pages.





## Known Issues

Table 5 lists known product issues in ExtremeCloud IQ 25.6.2-12.

**Table 5: Known Issues in 25.6.2-12**

Issue ID	Description
WS-3204	<p>When logging in to a legacy Managed Service Provider account that has legacy entitlement keys (LEK), the Extreme Platform ONE interface opens and requires linking to an Extreme Portal account. Because the account contains LEKs, the ExtremeCloud IQ Classic interface should open.</p> <p><b>Workaround:</b> After login, manually enter the URL for the RDC. To resolve the issue, migrate from the Hierarchical VIQ to the MSP program, or purchase new License Entitlement Manager (LEM) licenses.</p>
XIQ-39282	<p>After successfully onboarding locally managed APs, a misleading <b>Device Update Failed</b> message might appear in the <b>Last Updated</b> field. This is only a display issue and does not affect any functionality.</p>
XIQ-34912	<p>Clients discovered through node alias or DHCP snooping fingerprint might not immediately appear in the device details Clients table. It can take up to 10 minutes for the new entries to appear in the device details Clients table.</p>
XIQ-34908	<p>When using a stack template with a Link Aggregation Group (LAG), if the LAG has ports from different slots, you must enable Instant Port Profile/Instant Secure Port from the LAG on the template view that contains the master port. This requirement applies to a preexisting Link Aggregation Group in the template, or when creating a new Link Aggregation Group.</p>
XIQ-34846	<p>On wired VOSS and Fabric Engine devices for Cisco Discovery Protocol (CDP), configuration pushed via ExtremeCloud IQ still requires enabling LLDP TX/RX status through device CLI, for a CDP neighbor to establish.</p>
XIQ-34724	<p>Delta configuration push fails for Wifi0 with dual 5G mode when 5G-Low channels are not supported.</p>
XIQ-33709	<p>Some IP VLAN pairs from the device details table and Client pages might be missing if they have multiple IPs learned through Node Alias events.</p>
XIQ-33498	<p>AP5050 AFC 6GHz FCC does not support client mode.</p>

**Table 5: Known Issues in 25.6.2-12 (continued)**

Issue ID	Description
XIQ-33103	The <b>AFC View</b> on the <b>Manage Device</b> page displays <i>qualified</i> AFC-governed 6 GHz access points. This feature requires version 10.7.2 or higher. The <b>AFC View</b> does not include onboarded devices with a firmware version earlier than the minimum required version. After upgrading to the minimum required version, the <b>AFC View</b> displays the qualified access points.
XIQ-32459	The ExtremeCloud IQ deployment API HTTP Success status code changed from 200 to 202.
XIQ-31601	A perimeter added or modified from the <b>Planning</b> page does not sync with the <b>Realtime</b> maps page.
XIQ-31433	The <b>Cloud Service</b> component of iBeacon is temporarily disabled. This service will be available in a future release.
XIQ-26907	A delta configuration push error might occur when configuring the port Forwarding Rule for Client Mode. <b>Workaround:</b> Push a complete configuration update.
XIQ-21339	ExtremeCloud IQ does not display the error when aggregation is enabled with a rate-limit configuration.
XIQ-20909	When configuring 6GHz radio for a country that does not support it, the configuration push to the AP3000 fails. <b>Workaround:</b> Revert to 2.4 GHz.
XIQ-19977	The MCast rate configured in an AP template does not take effect when sCLI is presented.
XIQ-19509	Access points go offline when pushed to minimum speed and half duplex transmission mode for eth0, and then they reboot. After the reboot, the configuration reverts back to minimum speed with full duplex.
XIQ-19498	When the AP5010 eth0 interface is operating with maximum speed, changing the transmission type causes ExtremeCloud IQ to also generate a delta CLI for speed.
XIQ-19379	When you initiate a "release to the cloud" from the controller, for an AP3000 that was onboarded as locally managed, the system deletes the AP from ExtremeCloud IQ Controller but not from ExtremeCloud IQ.
XIQ-19368	The user interface overrides Supplemental CLI. If you add an sCLI object and there is a code conflict with the GUI, the GUI has priority. To give the sCLI priority, place the sCLI code at the bottom of the command structure in the audit.
XIQ-19320	The Wi-Fi Interface Transmission power does not update in the <b>Managed Device</b> page after a bulk edit.
XIQ-12503	Network 360 shows <b>Unknown Error</b> when <b>All Access Points Applications</b> is selected and the user selects both ExtremeWireless WiNG and IQ Engine devices. <b>Workaround:</b> Clear selected ExtremeWireless WiNG devices.

**Table 5: Known Issues in 25.6.2-12 (continued)**

Issue ID	Description
XIQ-5700	Client Trial showed only the currently connected AP when the client roamed to a different AP from the onboarded ExtremeCloud IQ Controller.
XCP-10232	When there are insufficient licenses to cover all devices in a stack, instead of automatically unmanaging the stack, ExtremeCloud IQ locks and displays the license violation banner. <b>Workaround:</b> Manually unmanage the stack. To return the stack to managed status, purchase new subscriptions with sufficient licenses to cover all devices.
XCP-8478	When there are insufficient CoPilot licenses, the grace period does not start for stack devices. To recover, purchase new subscriptions with sufficient licenses to cover all devices.
XCP-8418	Follow-up to fix ATOM license logic.
EXOS-37458	When using ExtremeCloud IQ to configure a single port in a VLAN as an LLDP voice port with Med Capabilities and policies and then changing the port type to <b>access</b> or <b>trunk</b> , the LLDP configuration for Med Capabilities appears on ExtremeXOS/ Switch Engine devices running EXOS 33.2.
CFD-12971 (03040726)	Capwap disconnection for about 1.5 hours due to the capwap server i/o timeout issue.
CFD-13877 (03094673)	Wi-Fi Interface graph does not match <b>Device &gt; Monitoring &gt; Wireless Interface</b> .
CFD-11529 (02957942)	API response data is unclear.
CFD-10699 (02906999)	Universal Access Points failed to complete the WiNG-OS conversion, even after a successful CAPWAP and STUN binding.
CFD-8946 (02710778, 02748750)	License descriptions are automatically cleared when the Activated status is updated.
CFD-7360 (02498292)	For Wing-AP sites, contrary to present implementation, customers expect to see APs offline when ExtremeCloud IQ / nsight policy is not used for that site.

**Table 5: Known Issues in 25.6.2-12 (continued)**

Issue ID	Description
APC-41057	<p>Legend labels on the SR2200/2300 switch stack graph sometimes disappear when attempting to download or print the graph.</p> <p><b>Workaround:</b></p> <p>Download one graph at a time, and open the downloaded file before choosing to download again.</p> <p><b>Note:</b> The SVG option is the most stable format; PNG, JPG, and PDF have spacing issues on the legend section.</p>
APC-21456	<p>In rare cases, ExtremeCloud IQ does not upload some IGMP sub-commands successfully.</p> <p><b>Note:</b> SR2200/2300 only.</p> <p><b>Workaround:</b> Use the <b>Supplemental CLI</b> to upload commands when necessary. To use the supplemental CLI tool, go to <b>Global Settings &gt; VIQ Management</b>, and set the <b>Supplemental CLI</b> slider to <b>ON</b>.</p>



# Device Support Information

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[Supported Browsers and Display Settings](#) on page 55

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

## Controllers

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Device Model	Latest Supported Release	Comments
E1120	XIQC 10.15.01	Monitor only
E2120	XIQC 10.15.01	Monitor only
E2122	XIQC 10.15.01	Monitor only
E3120	XIQC 10.15.01	Monitor only
E3125	XIQC 10.15.01	Monitor only
VE6120	XIQC 10.15.01	Monitor only
VE6120H	XIQC 10.15.01	Monitor only
VE6120K	XIQC 10.15.01	Monitor only
VE6125	XIQC 10.15.01	Monitor only
VE6125K	XIQC 10.15.01	Monitor only
NX5500	WiNG OS 7.9.6.1	Monitor only
NX7500 Series	WiNG OS 7.9.6.1	Monitor only
NX9500 Series	WiNG OS 7.7.1.9	Monitor only
NX9600 Series	WiNG OS 7.9.6.1	Monitor only
RFS4000 Series	WiNG OS 5.9.7.1	Monitor only
RFS6000 Series	WiNG OS 5.9.1.8	Monitor only

Device Model	Latest Supported Release	Comments
RFS7000 Series	WiNG OS 5.8.6.11	Monitor only
VX9000	WiNG OS 7.9.6.1	Monitor only

## Access Points

Access Point information is provided in the following sections:

- [Universal Hardware](#) on page 21
- [IQ Engine \(Cloud Native\)](#) on page 22
- [ExtremeWireless WiNG](#) on page 23
- [Extreme Wireless](#) on page 24

## Universal Hardware

Device Model	Latest Supported Release	Comments
AP302W	IQ Engine 10.8.4 WiNG OS 7.9.6.0 AP 10.15.1	Platform support introduced with IQ Engine 10.3.1
AP305C	IQ Engine 10.8.4 WiNG OS 7.9.6.0 AP 10.15.1	Platform support introduced with IQ Engine 10.1.1
AP305C-1	IQ Engine 10.8.4 WiNG OS 7.9.6.0 AP 10.15.1	Platform support introduced with IQ Engine 10.4.6
AP305CX	IQ Engine 10.8.4 WiNG OS 7.9.6.0 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 10.8.2	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 7.9.6.0 AP 10.15.1	Platform support introduced with IQ Engine 10.1.2

Device Model	Latest Supported Release	Comments
AP410C-1	IQ Engine 10.8.4 WiNG OS 7.9.6.0 AP 10.15.1	Platform support introduced with IQ Engine 10.4.6
AP460C	IQ Engine 10.8.4 WiNG OS 7.9.6.0 AP 10.15.1	Platform support introduced with IQ Engine 10.1.2
AP460S6C	IQ Engine 10.8.4 WiNG OS 7.9.6.0 AP 10.15.1	Platform support introduced with IQ Engine 10.1.2
AP460S12C	IQ Engine 10.8.4 WiNG OS 7.9.6.0 AP 10.15.1	Platform support introduced with IQ Engine 10.1.2
AP5010	IQ Engine 10.8.4 WiNG OS 7.9.6.0 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 10.8.5	Platform support introduced with IQ Engine 10.0.1. <a href="#">End of Life Information</a>
AP650	IQ Engine 10.8.5	Platform support introduced with IQ Engine 10.0.1. <a href="#">End of Life Information</a>
AP650X	IQ Engine 10.8.5	Platform support introduced with IQ Engine 10.0.1. <a href="#">End of Life Information</a>
AP1130	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.2.1. <a href="#">End of Life Information</a>
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. <a href="#">End of Life Information</a>



Device Model	Latest Supported Release	Comments
AP150W	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.1.1. <a href="#">End of Life Information</a>
AP130	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.2.1. <a href="#">End of Life Information</a>
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. <a href="#">End of Life Information</a>

## ExtremeWireless WiNG

Device Model	Latest Supported Release	Comments
AP560i	WiNG OS 7.9.6.0	Monitor only
AP560h	WiNG OS 7.9.6.0	Monitor only
AP505	WiNG OS 7.9.6.0	Monitor only
AP510i	WiNG OS 7.9.6.0	Monitor only
AP510i-1	WiNG OS 7.9.6.0	Monitor only
AP460i/e	WiNG OS 7.9.6.0	Monitor only
AP410i/e	WiNG OS 7.9.6.0	Monitor only
AP410i-1	WiNG OS 7.9.6.0	Monitor only
AP360i/e	WiNG OS 7.9.6.0	Monitor only
AP310i/e	WiNG OS 7.9.6.0	Monitor only
AP310i/e-1	WiNG OS 7.9.6.0	Monitor Only
AP3000	WiNG OS 7.9.6.0	Monitor Only
AP8533	WiNG OS 7.7.1.11	Monitor only
AP8432	WiNG OS 7.7.1.11	Monitor only
AP8232	WiNG OS 5.9.1.8	Monitor only
AP8222	WiNG OS 5.8.6.11	Monitor only
AP8163	WiNG OS 5.9.7.1	Monitor only
AP8132	WiNG OS 5.9.1.8	Monitor only
AP8122	WiNG OS 5.9.1.8	Monitor only
AP7662	WiNG OS 7.7.1.11	Monitor only
AP7632	WiNG OS 7.7.1.11	Monitor only
AP7622	WiNG OS 5.9.7.1	Monitor only
AP7612	WiNG OS 7.7.1.11	Monitor only
AP7602	WiNG OS 5.9.7.1	Monitor only

Device Model	Latest Supported Release	Comments
AP7562	WiNG OS 7.7.1.11	Monitor only
AP7532	WiNG OS 7.7.1.11	Monitor only
AP7522	WiNG OS 7.7.1.11	Monitor only
AP7502	WiNG OS 5.9.7.1	Monitor only
AP7161	WiNG OS 5.9.1.8	Monitor only
AP7131	WiNG OS 5.8.6.11	Monitor only
AP6562	WiNG OS 5.9.1.8	Monitor only
AP6532	WiNG OS 5.9.1.8	Monitor only
AP6522	WiNG OS 5.9.1.8	Monitor only
AP6521	WiNG OS 5.9.1.8	Monitor only
AP6511	WiNG OS 5.8.6.11	Monitor only

## Extreme Wireless

Device Model	Latest Supported Release	Comments
AP3965	ExtremeWireless 10.51	Monitor only
AP3935	ExtremeWireless 10.51	Monitor only
AP3917	ExtremeWireless 10.51	Monitor only
AP3916C	ExtremeWireless 10.51	Monitor only
AP3915	ExtremeWireless 10.51	Monitor only
AP3912	ExtremeWireless 10.51	Monitor only
SA201	ExtremeWireless 10.51	Monitor only

## Switches

Switch information is provided in the following sections:

- [Universal Hardware](#) on page 25
- [ExtremeXOS](#) on page 42
- [VOSS](#) on page 47
- [Dell EMC](#) on page 48

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 33.2	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <p><b>Note:</b> Pilot license required to configure advanced features.</p>	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>200Gb stacking through two built-in QSFP28 ports</li> </ul> <p><b>Note:</b> 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.</p>
4120-48MW-4Y	Switch Engine 33.2	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <p><b>Note:</b> Pilot license required to configure advanced features.</p>	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>200Gb stacking through two built-in QSFP28 ports</li> </ul> <p><b>Note:</b> 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.</p>

Device Model	Latest Supported Release	Standalone Support	Stack Support
4120-Series-Stack	Switch Engine 33.2	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <p><b>Note:</b> Pilot license required to configure advanced features.</p>	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>200Gb stacking through two built-in QSFP28 ports</li> </ul> <p><b>Note:</b> 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.</p>
4220-12P-4X	Switch Engine 33.2	<p><b>Switch Engine:</b></p> <ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <p><b>Fabric Engine:</b> Monitor</p> <p><b>Note:</b> Pilot license required to configure advanced features.</p>	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>40Gb stacking through two built-in SFP+ uplink ports</li> </ul> <p><b>Note:</b> 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.</p>

Device Model	Latest Supported Release	Standalone Support	Stack Support
4220-12T-4X	Switch Engine 33.2	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Fabric Engine:</b> Monitor <b>Note:</b> Pilot license required to configure advanced features.	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>40Gb stacking through two built-in SFP+ uplink ports</li> </ul> <b>Note:</b> 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 33.2	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Fabric Engine:</b> Monitor <b>Note:</b> Pilot license required to configure advanced features.	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>40Gb stacking through two built-in SFP+ uplink ports</li> </ul> <b>Note:</b> 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 33.2	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Fabric Engine:</b> Monitor  <b>Note:</b> Pilot license required to configure advanced features.	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>40Gb stacking through two built-in SFP+ uplink ports</li> </ul> <b>Note:</b> 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 33.2	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Note:</b> Pilot license required to configure advanced features.	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>40Gb stacking through two built-in SFP+ uplink ports</li> </ul> <b>Note:</b> 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 33.2	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <p><b>Note:</b> Pilot license required to configure advanced features.</p>	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>40Gb stacking through two built-in SFP+ uplink ports</li> </ul> <p><b>Note:</b> 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.</p>
4220-4MW-20P-4X	Switch Engine 33.2	<p><b>Switch Engine:</b></p> <ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <p><b>Fabric Engine:</b> Monitor</p> <p><b>Note:</b> Pilot license required to configure advanced features.</p>	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>40Gb stacking through two built-in SFP+ uplink ports</li> </ul> <p><b>Note:</b> 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.</p>



Device Model	Latest Supported Release	Standalone Support	Stack Support
4220-4MW-8P-4X	Switch Engine 33.2	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Fabric Engine:</b> Monitor <b>Note:</b> Pilot license required to configure advanced features.	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>40Gb stacking through two built-in SFP+ uplink ports</li> </ul> <b>Note:</b> 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 33.2	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Fabric Engine:</b> Monitor <b>Note:</b> Pilot license required to configure advanced features.	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>40Gb stacking through two built-in SFP+ uplink ports</li> </ul> <b>Note:</b> 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 33.2	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Fabric Engine:</b> Monitor  <b>Note:</b> Pilot license required to configure advanced features.	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>40Gb stacking through two built-in SFP+ uplink ports</li> </ul> <b>Note:</b> 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 33.2	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Note:</b> Pilot license required to configure advanced features.	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>40Gb stacking through two built-in SFP+ uplink ports</li> </ul> <b>Note:</b> 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 33.2	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <p><b>Note:</b> Pilot license required to configure advanced features.</p>	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>Ability to toggle universal ports from stacking-support enabled to stacking-support disabled</li> <li>Two QSFP28 uplink ports that can operate at 1x100G, 4x10G, or 4x25G</li> </ul> <p><b>Note:</b> Can only stack with other 5120 devices. Cross stacking between 4000 and 5000 is not supported.</p>
5120-24XT-4Y	Switch Engine 33.2	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <p><b>Note:</b> Pilot license required to configure advanced features.</p>	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>Ability to toggle universal ports from stacking-support enabled to stacking-support disabled</li> <li>Two QSFP28 uplink ports that can operate at 1x100G, 4x10G, or 4x25G</li> </ul> <p><b>Note:</b> Can only stack with other 5120 devices. Cross stacking between 4000 and 5000 is not supported.</p>

Device Model	Latest Supported Release	Standalone Support	Stack Support
5120-44X-4Y-2C	Switch Engine 33.2	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <p><b>Note:</b> Pilot license required to configure advanced features.</p>	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>Ability to toggle universal ports from stacking-support enabled to stacking-support disabled</li> <li>Two QSFP28 uplink ports that can operate at 1x100G, 4x10G, or 4x25G</li> </ul> <p><b>Note:</b> Can only stack with other 5120 devices. Cross stacking between 4000 and 5000 is not supported.</p>
5120-Series-Stack	Switch Engine 33.2	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <p><b>Note:</b> Pilot license required to configure advanced features.</p>	<ul style="list-style-type: none"> <li>Onboard</li> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Up to 8 unit stacking</li> <li>Ability to toggle universal ports from stacking-support enabled to stacking-support disabled</li> <li>Two QSFP28 uplink ports that can operate at 1x100G, 4x10G, or 4x25G</li> </ul> <p><b>Note:</b> Can only stack with other 5120 devices. Cross stacking between 4000 and 5000 is not supported.</p>

Device Model	Latest Supported Release	Standalone Support	Stack Support
5320-16P-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.
5320-16P-4XE-DC	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.
5320-24T-8XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.
5320-24P-8XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.
5320-48T-8XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5320-48P-8XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5420F-24T-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5420F-24P-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5420F-24S-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5420F-48T-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>

Device Model	Latest Supported Release	Standalone Support	Stack Support
5420F-48P-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5420F-48P-4XL	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul>
5420F-8W-16P-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5420F-16W-32P-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5420F-16MW-32P-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>



Device Model	Latest Supported Release	Standalone Support	Stack Support
5420M-24T-4YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5420M-24W-4YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5420M-48T-4YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5420M-48W-4YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5420M-16MW-32P-4YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>

Device Model	Latest Supported Release	Standalone Support	Stack Support
5520-24W	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5520-24T	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5520-24T-ACDC	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul>	<p><b>Switch Engine:</b></p> <ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5520-24X-ACDC	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul>	<p><b>Switch Engine:</b></p> <ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5520-48W	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>

Device Model	Latest Supported Release	Standalone Support	Stack Support
5520-48T	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5520-48T-ACDC	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5520-12MW-36W	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5520-48SE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>
5520-48SE-ACDC	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <p><b>Note:</b> Cross stacking between 4000 and 5000 is not supported.</p>

Device Model	Latest Supported Release	Standalone Support	Stack Support
5520-24X	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.
5720-24MW	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.
5720-48MW	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.
5720-24MXW	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5720-48MXW	Switch Engine 33.2 Fabric Engine 9.1.0.1	<ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul>	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.
7520-48Y	Switch Engine 33.2 Fabric Engine 9.1.0.1	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Fabric Engine:</b> Monitor	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.
7520-48YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Fabric Engine:</b> Monitor	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.

Device Model	Latest Supported Release	Standalone Support	Stack Support
7520-48XT	Switch Engine 33.2 Fabric Engine 9.1.0.1	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Fabric Engine:</b> Monitor	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy</li> </ul> <b>Note:</b> Cross stacking between 4000 and 5000 is not supported.
7720-32c	Switch Engine 33.2 Fabric Engine 9.1.0.1	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul> <b>Fabric Engine:</b> Monitor	<b>Switch Engine:</b> <ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy</li> </ul> <b>Note:</b> 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 33.2	<ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul>	N/A
X435-24T-4S	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>Monitor</li> <li>Template- and device-level configuration</li> <li>SSH Proxy*</li> <li>Supplemental CLI*</li> </ul>	N/A

Device Model	Latest Supported Release	Standalone Support	Stack Support
X435-24P-4S	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	N/A
X435-8T-4S	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	N/A
X435-8P-4S	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	N/A
X440-G2-12p-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>
X440-G2-12t-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>
X440-G2-24p-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>
X440-G2-24t-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>

Device Model	Latest Supported Release	Standalone Support	Stack Support
X440-G2-48p-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>
X440-G2-48t-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>
X450-G2-24p-GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X450-G2-24p-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X450-G2-48p-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X460-G2-16mp-32p-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• S</li> </ul>	Monitor
X460-G2-24p-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor



Device Model	Latest Supported Release	Standalone Support	Stack Support
X460-G2-24p-GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• S</li> </ul>	Monitor
X460-G2-24p-24hp-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X460-G2-24t-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X460-G2-24t-GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X460-G2-24t-24ht-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X460-G2-24x-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X460-G2-48p-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X460-G2-48t-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor

Device Model	Latest Supported Release	Standalone Support	Stack Support
X460-G2-48t-GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X460-G2-48x-10GE4	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X465-24W	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X465-48W	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X465-24MU	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X465-48P	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor
X465-24MU-24W	ExtremeXOS 33.2	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Monitor

**Note**

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

## IQ Engine (Cloud Native)

Device Model	Latest Supported Release
SR2024 <a href="#">End of Life</a>	IQ Engine 6.5.12
SR2024P <a href="#">End of Life</a>	IQ Engine 6.5.12
SR2124P <a href="#">End of Life</a>	IQ Engine 6.5.12
SR2148P <a href="#">End of Life</a>	IQ Engine 6.5.12
SR2208P <a href="#">End of Life</a>	FASTPATH 9.2.1.20 v1.0.1.29 ExtremeCloud IQ Agent 1.1.31
SR2224P <a href="#">End of Life</a>	FASTPATH 9.2.1.20 v1.0.1.29 ExtremeCloud IQ Agent 1.1.31
SR2324P <a href="#">End of Life</a>	FASTPATH 9.2.1.20 v1.0.1.29 ExtremeCloud IQ Agent 1.1.31
SR2348P <a href="#">End of Life</a>	FASTPATH 9.2.1.20 v1.0.1.29 ExtremeCloud IQ Agent 1.1.31

## VOSS

Device Model	Latest Supported Release	Standalone Support	Stack Support
VSP7432CQ	VOSS 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Not supported
VSP7400-48Y	VOSS 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Not supported
VSP4900-48P	VOSS 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Not supported

Device Model	Latest Supported Release	Standalone Support	Stack Support
VSP4900-24XE	VOSS 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Not supported
VSP4900-24S	VOSS 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Not supported
VSP4900-12MXU-12XE	VOSS 9.1.0.1	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Not supported
XA1480	VOSS 8.10	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Not supported
XA1440	VOSS 8.10	<ul style="list-style-type: none"> <li>• Monitor</li> <li>• Template- and device-level configuration</li> <li>• SSH Proxy*</li> <li>• Supplemental CLI*</li> </ul>	Not supported

**Note**

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

## Dell EMC

Device Model	Latest Supported Release
N3132PX	IQAgent 1.1.29
N3024EF	IQAgent 1.1.29
N3024EP	IQAgent 1.1.29
N3024ET	IQAgent 1.1.29
N3048EP	IQAgent 1.1.29
N3048ET	IQAgent 1.1.29

Device Model	Latest Supported Release
N3024	IQAgent 1.1.29
N3024F	IQAgent 1.1.29
N3024P	IQAgent 1.1.29
N3048	IQAgent 1.1.29
N3048P	IQAgent 1.1.29
N2128PX	IQAgent 1.1.29
N2024	IQAgent 1.1.29
N2024P	IQAgent 1.1.29
N2048	IQAgent 1.1.29
N2048P	IQAgent 1.1.29
N1524	IQAgent 1.1.29
N1524P	IQAgent 1.1.29
N1548	IQAgent 1.1.29
N1548P	IQAgent 1.1.29
N1108T-ON	IQAgent 1.1.29
N1108P-ON	IQAgent 1.1.29
N1124T-ON	IQAgent 1.1.29
N1124P-ON	IQAgent 1.1.29
N1148T-ON	IQAgent 1.1.29
N1148P-ON	IQAgent 1.1.29

## Routers

Device Model	Latest Supported Release	Standalone Support
XR200P	IQ Engine 6.9.7	Platform support introduced with IQ Engine 6.9.2
XR600	IQ Engine 10.0.11	Platform support introduced with IQ Engine 9.0.1
XR600P	IQ Engine 10.0.11	Platform support introduced with IQ Engine 9.0.1
VGVA	IQ Engine 6.9.7	

## ExtremeCloud IQ Site Engine

ExtremeCloud IQ Site Engine Version	Supported Features
24.10.13	<ul style="list-style-type: none"> <li>• License allocation</li> <li>• Device Assignment to the ExtremeCloud IQ</li> <li>• Device Statistics</li> <li>• Port Statistics</li> <li>• Unmanage/Manage device</li> <li>• Device Group to CCG mapping</li> <li>• Open Site Engine with SSO</li> <li>• Stack members</li> <li>• NAC details update for wireless end-systems</li> <li>• Wired end-systems reported to ExtremeCloud IQ</li> </ul>
25.2.10	<ul style="list-style-type: none"> <li>• License allocation</li> <li>• Device Assignment to the ExtremeCloud IQ</li> <li>• Device Statistics</li> <li>• Port Statistics</li> <li>• Unmanage/Manage device</li> <li>• Device Group to CCG mapping</li> <li>• Open Site Engine with SSO</li> <li>• Stack members</li> <li>• NAC details update for wireless end-systems</li> <li>• Wired end-systems reported to ExtremeCloud IQ</li> <li>• Detect and report orphaned devices</li> <li>• Compatible with Extreme Platform ONE subscriptions</li> </ul>
25.2.11	<ul style="list-style-type: none"> <li>• License allocation</li> <li>• Device Assignment to the ExtremeCloud IQ</li> <li>• Device Statistics</li> <li>• Port Statistics</li> <li>• Unmanage/Manage device</li> <li>• Device Group to CCG mapping</li> <li>• Open Site Engine with SSO</li> <li>• Stack members</li> <li>• NAC details update for wireless end-systems</li> <li>• Wired end-systems reported to ExtremeCloud IQ</li> <li>• Detect and report orphaned devices</li> <li>• Compatible with Extreme Platform ONE subscriptions</li> </ul>

ExtremeCloud IQ Site Engine Version	Supported Features
25.2.12	<ul style="list-style-type: none"><li>• License allocation</li><li>• Device Assignment to the ExtremeCloud IQ</li><li>• Device Statistics</li><li>• Port Statistics</li><li>• Unmanage/Manage device</li><li>• Device Group to CCG mapping</li><li>• Open Site Engine with SSO</li><li>• Stack members</li><li>• NAC details update for wireless end-systems</li><li>• Wired end-systems reported to ExtremeCloud IQ</li><li>• Detect and report orphaned devices</li><li>• Compatible with Extreme Platform ONE subscriptions</li></ul>
25.5.10	<ul style="list-style-type: none"><li>• License allocation</li><li>• Device Assignment to the ExtremeCloud IQ</li><li>• Device Statistics</li><li>• Port Statistics</li><li>• Unmanage/Manage device</li><li>• Device Group to CCG mapping</li><li>• Open Site Engine with SSO</li><li>• Stack members</li><li>• NAC details update for wireless end-systems</li><li>• Wired end-systems reported to ExtremeCloud IQ</li><li>• Detect and report orphaned devices</li><li>• Compatible with Extreme Platform ONE subscriptions</li></ul>
25.5.11	<ul style="list-style-type: none"><li>• License allocation</li><li>• Device Assignment to the ExtremeCloud IQ</li><li>• Device Statistics</li><li>• Port Statistics</li><li>• Unmanage/Manage device</li><li>• Device Group to CCG mapping</li><li>• Open Site Engine with SSO</li><li>• Stack members</li><li>• NAC details update for wireless end-systems</li><li>• Wired end-systems reported to ExtremeCloud IQ</li><li>• Detect and report orphaned devices</li><li>• Compatible with Extreme Platform ONE subscriptions</li></ul>

ExtremeCloud IQ Site Engine Version	Supported Features
25.5.12	<ul style="list-style-type: none"> <li>• License allocation</li> <li>• Device Assignment to the ExtremeCloud IQ</li> <li>• Device Statistics</li> <li>• Port Statistics</li> <li>• Unmanage/Manage device</li> <li>• Device Group to CCG mapping</li> <li>• Open Site Engine with SSO</li> <li>• Stack members</li> <li>• NAC details update for wireless end-systems</li> <li>• Wired end-systems reported to ExtremeCloud IQ</li> <li>• Detect and report orphaned devices</li> <li>• Compatible with Extreme Platform ONE subscriptions</li> </ul>
25.8.10	<ul style="list-style-type: none"> <li>• License allocation</li> <li>• Device Assignment to the ExtremeCloud IQ</li> <li>• Device Statistics</li> <li>• Port Statistics</li> <li>• Unmanage/Manage device</li> <li>• Device Group to CCG mapping</li> <li>• Open Site Engine with SSO</li> <li>• Stack members</li> <li>• NAC details update for wireless end-systems</li> <li>• Wired end-systems reported to ExtremeCloud IQ</li> <li>• Detect and report orphaned devices</li> <li>• Compatible with Extreme Platform ONE subscriptions</li> </ul>
25.8.11	<ul style="list-style-type: none"> <li>• License allocation</li> <li>• Device Assignment to the ExtremeCloud IQ</li> <li>• Device Statistics</li> <li>• Port Statistics</li> <li>• Unmanage/Manage device</li> <li>• Device Group to CCG mapping</li> <li>• Open Site Engine with SSO</li> <li>• Stack members</li> <li>• NAC details update for wireless end-systems</li> <li>• Wired end-systems reported to ExtremeCloud IQ</li> <li>• Detect and report orphaned devices</li> <li>• Compatible with Extreme Platform ONE subscriptions</li> </ul>



ExtremeCloud IQ Site Engine Version	Supported Features
25.8.12	<ul style="list-style-type: none"><li>• License allocation</li><li>• Device Assignment to the ExtremeCloud IQ</li><li>• Device Statistics</li><li>• Port Statistics</li><li>• Unmanage/Manage device</li><li>• Device Group to CCG mapping</li><li>• Open Site Engine with SSO</li><li>• Stack members</li><li>• NAC details update for wireless end-systems</li><li>• Wired end-systems reported to ExtremeCloud IQ</li><li>• Detect and report orphaned devices</li><li>• Compatible with Extreme Platform ONE subscriptions</li></ul>
25.8.13	<ul style="list-style-type: none"><li>• License allocation</li><li>• Device Assignment to the ExtremeCloud IQ</li><li>• Device Statistics</li><li>• Port Statistics</li><li>• Unmanage/Manage device</li><li>• Device Group to CCG mapping</li><li>• Open Site Engine with SSO</li><li>• Stack members</li><li>• NAC details update for wireless end-systems</li><li>• Wired end-systems reported to ExtremeCloud IQ</li><li>• Detect and report orphaned devices</li><li>• Compatible with Extreme Platform ONE subscriptions</li></ul>
25.11.10	<ul style="list-style-type: none"><li>• License allocation</li><li>• Device Assignment to the ExtremeCloud IQ</li><li>• Device Statistics</li><li>• Port Statistics</li><li>• Unmanage/Manage device</li><li>• Device Group to CCG mapping</li><li>• Open Site Engine with SSO</li><li>• Stack members</li><li>• NAC details update for wireless end-systems</li><li>• Wired end-systems reported to ExtremeCloud IQ</li><li>• Detect and report orphaned devices</li><li>• Compatible with Extreme Platform ONE subscriptions</li></ul>

ExtremeCloud IQ Site Engine Version	Supported Features
25.11.11	<ul style="list-style-type: none"> <li>• License allocation</li> <li>• Device Assignment to the ExtremeCloud IQ</li> <li>• Device Statistics</li> <li>• Port Statistics</li> <li>• Unmanage/Manage device</li> <li>• Device Group to CCG mapping</li> <li>• Open Site Engine with SSO</li> <li>• Stack members</li> <li>• NAC details update for wireless end-systems</li> <li>• Wired end-systems reported to ExtremeCloud IQ</li> <li>• Detect and report orphaned devices</li> <li>• Compatible with Extreme Platform ONE subscriptions</li> </ul>
25.11.12	<ul style="list-style-type: none"> <li>• License allocation</li> <li>• Device Assignment to the ExtremeCloud IQ</li> <li>• Device Statistics</li> <li>• Port Statistics</li> <li>• Unmanage/Manage device</li> <li>• Device Group to CCG mapping</li> <li>• Open Site Engine with SSO</li> <li>• Stack members</li> <li>• NAC details update for wireless end-systems</li> <li>• Wired end-systems reported to ExtremeCloud IQ</li> <li>• Detect and report orphaned devices</li> <li>• Compatible with Extreme Platform ONE subscriptions</li> </ul>

## ExtremeCloud IQ CoPilot

ExtremeCloud IQ CoPilot Feature	Minimum Firmware				
	IQ Engine	Switch Engine	Fabric Engine	Extreme XOS	VOSS
Wi-Fi Efficiency	10.5.2	—	—	—	—
Wi-Fi Capacity	10.5.2	—	—	—	—
PoE Stability	10.5.2	32.1	8.6	32.1	8.6
Port Efficiency	10.5.2	31.7	8.6	31.7	8.6
DFS Recurrence	10.5.2	—	—	—	—
Adverse Traffic Patterns	10.5.2	31.7	8.6	31.7	8.6
Wireless Connectivity Experience	10.5.2	—	—	—	—
Wired Connectivity Experience	—	31.7	8.6	31.7	8.6

ExtremeCloud IQ CoPilot Feature	Minimum Firmware				
	IQ Engine	Switch Engine	Fabric Engine	Extreme XOS	VOSS
Hardware Health	10.5.2	—	—	—	—
Missing VLAN Detection *	10.7.4	—	—	—	—

\* Supported on AP3000/AP3000X/AP5010/AP5050U/AP5050D

## ExtremeCloud A3

ExtremeCloud A3 Version	Supported Features
5.0.1-4	<ul style="list-style-type: none"> <li>• Licensing</li> <li>• Status Monitoring</li> <li>• SSO</li> <li>• Client Details</li> </ul>



### Note

For end of sales and end of service information, see <https://www.extremenetworks.com/support/end-of-sale-and-end-of-support-products>.

## Supported Browsers and Display Settings

### Desktop and Mobile Browser Support



### Note

ExtremeCloud IQ does not support 32-bit browsers.

**Table 6: Desktop Browsers**

Desktop Browsers	Version Supported
Chrome	v116
Edge	v115
Firefox	v115
Internet Explorer	Not supported

**Table 6: Desktop Browsers (continued)**

Desktop Browsers	Version Supported
Opera	v60
Safari	v13

**Table 7: Mobile Browsers**

Mobile Browsers	Version Supported
Android Webview	v73
Chrome for Android	v116
Edge	v79
Firefox for Android	v67
Opera for Android	v52
Safari for iOS	v13
Samsung Internet	Not supported

## Display Settings

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