



ExtremeCloud IQ (Classic) v25.5.1-15 Release Notes

Enhancements, Fixes, and Supported Devices

9039465-00 Rev AA
October 2025



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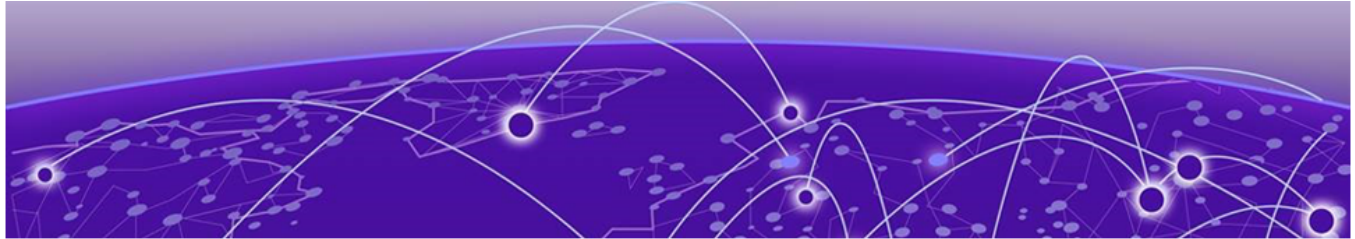
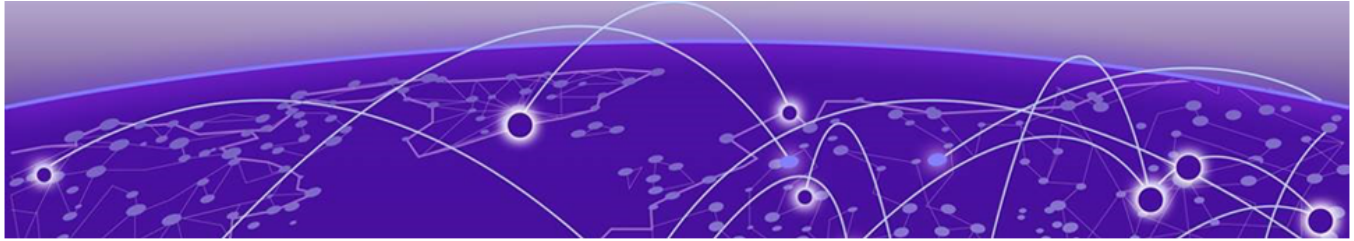


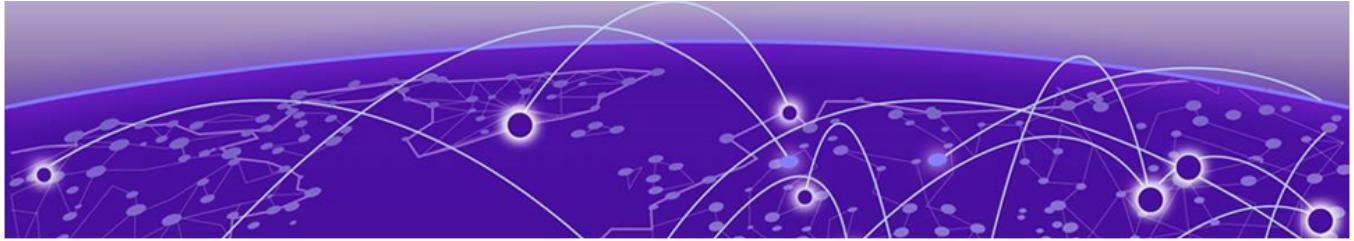
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Abstract

This release notes document for ExtremeCloud™ IQ (Classic) version 25.5.1-15 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

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

Extreme Portal

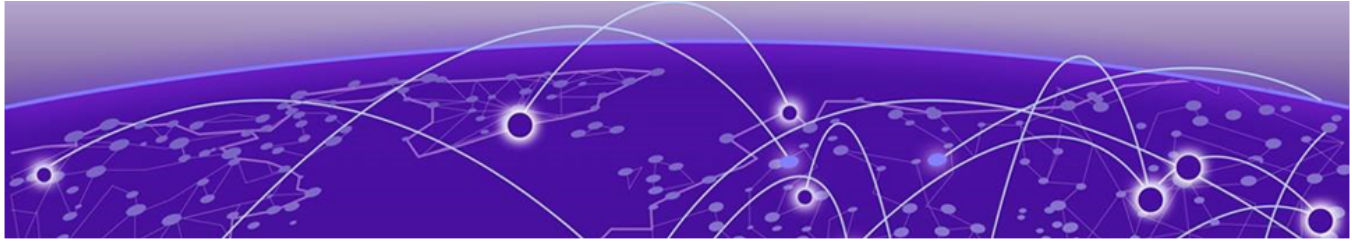
Search the GTAC (Global Technical Assistance Center) knowledge base; manage support cases and service contracts; download software; and obtain product licensing, training, and certifications.

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



Note

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

Current Release: 25.5.1-15

October 2025

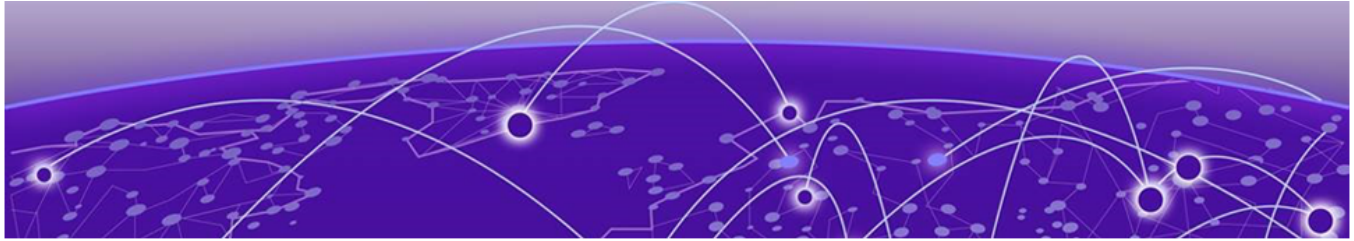
ExtremeCloud IQ Public IP Address Blocks

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	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
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

Data Center	IP Block	Addresses and Ports
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.



New Features in 25.5.1-15

[Table 3](#) on page 9 lists the new features introduced in ExtremeCloud IQ 25.5.1-15.

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 10.8.4

New Hardware Support

No new hardware in this release.

Table 3: New Features in 25.5.1-15

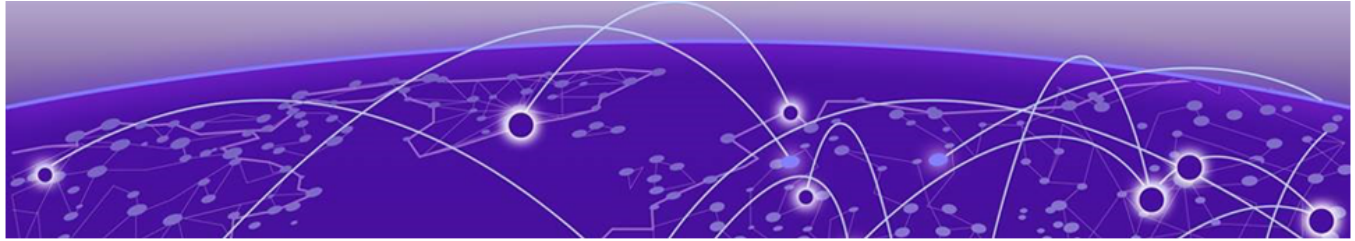
Feature ID	Feature	Description
XIQ-43805	AP5050: AFC Support for Canada	Added AFC (Automated Frequency Coordination) support for Canada on AP5050. Enables outdoor AFC functionality in Canadian deployments with proper certification and regulatory compliance through WFA Production Canada AFC Server integration.
XIQ-43785	WBA OpenRoaming Support in XIQ	Enhanced WBA OpenRoaming support by adding AP4020X platform compatibility. Provides seamless wireless connectivity across OpenRoaming enabled networks while maintaining support for CWP (Captive Web Portal) functionality for terms and conditions acceptance.
XIQ-43670	Fabric Attach Redundancy Support	Implemented Fabric Attach Redundancy Support to enable failover between Eth0 and Eth1 interfaces. Allows VLAN to I-SID mapping configuration on redundant pairs, ensuring continuous service when primary backhaul connections fail.
XIQ-43313	Draw Perimeter Button Removed	Removed the Draw Perimeter button from New Maps interface. Perimeter is now automatically drawn around imported floorplans, with users able to adjust by dragging the existing perimeter as needed.

Table 3: New Features in 25.5.1-15 (continued)

Feature ID	Feature	Description
XIQ-42997	Indoor/Outdoor Configuration Option for AP4060 and AP4060X	Added Indoor/Outdoor configuration options for AP4060 and AP4060X devices. Includes dropdown selection in both Device360 and device templates, with AP4060 supporting both vertical and horizontal orientation settings.
XIQ-42454	Spanning Tree Configuration for AP302W	Added Spanning Tree configuration support for AP302W in both Device360 and device templates. Configuration options now match those available for AP150W, providing consistent spanning tree management across wall-plate access points.
XIQ-40692	Primary Default IQ Engine Public DNS Change	Updated primary default DNS server configuration from OpenDNS (208.67.222.222) to Cloudflare (1.0.0.1) to address OpenDNS service unavailability in France, French territories, and Portugal. Change applies to both factory shipping images and existing deployments.
XIQ-39768	AFC Mobile App Support for Indoor SP Platforms	Introduced AFC Mobile App support for indoor SP platforms. Enables GPS coordinate setting for indoor APs where GPS lock is unavailable, with mobile app querying ExtremeCloud IQ for AP data and reporting location information back to ExtremeCloud IQ.
XIQ-36151	Solum Dongle Support for WiFi 7 APs	Added Solum dongle support for WiFi 7 access points (AP4020, AP5020, AP4020X, AP4020FX). Enhances Electronic Shelf Label (ESL) capabilities for retail and industrial applications.
XIQ-36150	Hanshow Dongle Support for WiFi 7 APs	Added Hanshow dongle support for WiFi 7 access points (AP4020, AP5020, AP4020X, AP4020FX). Provides comprehensive ESL vendor support across latest generation wireless platforms.
XIQ-35545	Support for IQ Engine 10.8r4	Updated supported IQ Engine version to 10.8r4, enabling latest access point firmware features and performance improvements across all compatible platforms.
XIQ-35212	AP5020 and 4020: Support for UL OFDMA	Implemented UL OFDMA (Uplink Orthogonal Frequency Division Multiple Access) support for AP5020 and AP4020 platforms. Improves wireless network efficiency and capacity in high-density deployments.

Table 3: New Features in 25.5.1-15 (continued)

Feature ID	Feature	Description
XIQ-27616	Broadcast/Multicast Control for Tunnel Concentrator	Added Broadcast/Multicast control functionality for Tunnel Concentrator services. Administrators can configure allowed multicast IP addresses and CIDR blocks through dedicated configuration interface with predefined well-known multicast address options.
XIQ-27405	IQ Engine Support for WPA3 Personal Transition Mode	Introduced WPA3 Personal Transition Mode support across 2.4 GHz, 5 GHz, and 6 GHz bands. Enables single SSID operation with PMF optional for 2.4/5 GHz and mandatory for 6 GHz, ensuring compatibility with both WPA2 and WPA3 capable devices.
XIQ-16899	WiFi Interface Statistics Display Issues Resolved	Resolved WiFi interface statistics display issues for AP3000, AP5020, AP4020, and AP4020X devices. Statistics now correctly reflect on appropriate WiFi interface columns in N360, D360, ManageDevice, Maps, and Dashboard views across different operating modes.



Addressed Issues in 25.5.1-15

Table 4 lists Addressed Issues in ExtremeCloud IQ 25.5.1-15.

Table 4: Addressed Issues in 25.5.1-15

Issue ID	Description
CFD-14967 (03162566)	Fixed an issue where creating PPSK users via legacy API failed with an unknown error when using the POST method to the identity credentials endpoint.
CFD-14954 (03160084)	Addressed the issue where delta configuration updates failed with "Configuration Updating Timeout" message, causing update processes to get stuck at specific percentages before showing fail status.
CFD-14842 (03154829)	Fixed an issue where German localization displayed incorrect translations, including "Save" translated as "Sparen" instead of "Speichern" and "Cancel" as "Stornieren" instead of "Abbrechen".
CFD-14810 (03153151)	Addressed the issue where users encountered "Unable to access data" error when attempting to edit any recurring WiFi reports in the Configurations tab.
CFD-14809 (03086871)	Fixed an issue where wired client MAC addresses were not clickable in the client interface, preventing users from accessing client details and connection information.
CFD-14789 (03145196)	Addressed the issue where links within generated reports could not be clicked, displaying encoded characters like "OS\u0020Types" instead of proper formatting.
CFD-14728 (03125211)	Fixed an issue where device updates failed when OWE companion SSID names contained spaces, despite the broadcast SSID allowing spaces in the name.
CFD-14683 (03080831)	Addressed the issue where custom Network Summary reports failed to generate and send via email for specific XIQ instances with large data ranges.
CFD-14533 (000)	Fixed an issue where Connectivity Issues widget filters on the client screen did not work properly, causing mismatched statistics between widget data and filtered grid results.
CFD-14514 (000)	Addressed the issue where the "Configured At Device Level" status icon was not displayed in the network devices dashboard after unlocking device-level configuration.
CFD-14486 (03136846)	Fixed an issue where delta configuration updates removed supplemental CLI commands that were previously pushed via complete configuration updates.

Table 4: Addressed Issues in 25.5.1-15 (continued)

Issue ID	Description
CFD-14473 (03134627)	Addressed the issue where users encountered "A server error occurred during validation" error when attempting to save planning map settings.
CFD-14438 (03117214)	Fixed an issue where OWE SSID configurations lacked the required "security aaa user-profile-mapping enable" command for proper user profile re-assignment based on RADIUS attributes.
CFD-14423 (03072877)	Addressed the issue where client export to Excel was limited to 2000 entries, preventing users from obtaining complete client lists for environments with higher client counts.
CFD-14403 (03129440)	Fixed an issue where duplicate stack templates could be created and remained in the policy despite warnings about assignment rules configuration.
CFD-14374 (03124091)	Addressed the issue where the Client Health dropdown did not display all sites due to API limit changes from 5000 to 100, affecting customers with large site deployments.
CFD-14365 (03098080)	Fixed an issue where static IP address configurations did not appear correctly after AP onboarding, reverting to dynamic DHCP configuration with advanced options enabled.
CFD-14357 (03126841)	Addressed the issue where packet capture functionality was not available in the user interface for users with operator privilege level, despite having documented access permissions.
CFD-14305 (000)	Fixed an issue where sites created in Platform One displayed user information as numbers instead of email addresses when viewed in XIQ audit logs.
CFD-14304 (000)	Addressed the issue where sites created in XIQ received incorrect GPS coordinates when viewed in Platform One, mapping to wrong geographical locations based on city names.
CFD-14246 (03121080)	Fixed an issue where delta configuration updates failed when disabling QoS policies with customized profiles, generating incorrect CLI commands that prevented successful configuration deployment.
CFD-14239 (03120596)	Addressed the issue where sflow configuration could not be saved on SR series switches, preventing proper network monitoring setup.
CFD-14211 (03112275, 03128107)	Fixed an issue where XIQ Connect could not add AP4020 devices, displaying error messages during the device addition process.
CFD-14209 (03118887)	Addressed the issue where AP placement positions differed between the companion app and XIQ GUI interface, causing incorrect device positioning on floor plans.
CFD-14077 (03109596, 03121664)	Fixed an issue where event exports failed with "Unable to access data" error due to undefined sort methods in Elasticsearch queries.

Table 4: Addressed Issues in 25.5.1-15 (continued)

Issue ID	Description
CFD-14053 (03024272)	Addressed the issue where newly created PPSK users in Local PPSK configurations with Private Client Groups failed to authenticate until a second delta configuration was pushed to access points.
CFD-13730 (03080851)	Fixed an issue where Captive Web Portal configurations were not properly removed via delta updates when switching between SSIDs with different Guest Essentials settings.
CFD-12971 (03040726)	Addressed the issue where CAPWAP connections experienced disconnections for extended periods due to CAPWAP server I/O timeout problems.
CFD-10518 (02890106)	Fixed an issue where unique WiFi/wired client devices numbers were displaying incorrectly in XIQ dashboard. The client count by OS was significantly higher than unique WiFi/wired client devices when SSID filtering was applied. Corrected the endpoint services to properly consider SSIDs from filters when calculating wireless client counts.



Known Issues in 25.5.1-15

Table 5 lists known product issues in ExtremeCloud IQ 25.5.1-15.

Table 5: Known Issues in 25.5.1-15

Issue ID	Description
WS-3204	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. Workaround: 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.
XIQ-39282	After successfully onboarding locally managed APs, a misleading Device Update Failed message might appear in the Last Updated field. This is only a display issue and does not affect any functionality.
XIQ-34912	Clients discovered through node alias or DHCP snooping fingerprint might not immediately appear in the Device 360 Clients table. It can take up to 10 minutes for the new entries to appear in the Device 360 Clients table.
XIQ-34908	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.
XIQ-34846	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.
XIQ-34724	Delta configuration push fails for Wifi0 with dual 5G mode when 5G-Low channels are not supported.
XIQ-33709	Some IP VLAN pairs from the Client 360 table and Client pages might be missing if they have multiple IPs learned through Node Alias events.
XIQ-33498	AP5050 AFC 6GHz FCC does not support client mode.

Table 5: Known Issues in 25.5.1-15 (continued)

Issue ID	Description
XIQ-33103	The AFC View on the Manage Device page displays <i>qualified</i> AFC-governed 6 GHz access points. This feature requires version 10.7.2 or higher. The AFC View does not include onboarded devices with a firmware version earlier than the minimum required version. After upgrading to the minimum required version, the AFC View 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 Planning page does not sync with the Realtime maps page.
XIQ-31433	The Cloud Service 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. Workaround: 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. Workaround: 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 Managed Device page after a bulk edit.
XIQ-12503	Network 360 shows Unknown Error when All Access Points Applications is selected and the user selects both ExtremeWireless WiNG and IQ Engine devices. Workaround: Clear selected ExtremeWireless WiNG devices.

Table 5: Known Issues in 25.5.1-15 (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. Workaround: 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 access or trunk , 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 Device > Monitoring > Wireless Interface .
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 25.5.1-15 (continued)

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



Device Support Information

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[ExtremeCloud IQ Site Engine](#) on page 49
[ExtremeCloud IQ CoPilot](#) on page 52
[ExtremeCloud A3](#) on page 53
[Supported Browsers and Display Settings](#) on page 53

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

Controllers

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 20
- [IQ Engine \(Cloud Native\)](#) on page 21
- [ExtremeWireless WiNG](#) on page 22
- [Extreme Wireless](#) on page 23

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 10.8.4	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

Device Model	Latest Supported Release	Comments
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

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 24
- [ExtremeXOS](#) on page 41
- [VOSS](#) on page 46
- [Dell EMC](#) 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 33.2	- 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 33.2	- 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 33.2	- 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 33.2	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 33.2	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 33.2	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 33.2	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.
4220-48P-4X	Switch Engine 33.2	- 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 33.2	- 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 33.2	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
4220-4MW-8P-4X	Switch Engine 33.2	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.
4220-8MW-40P-4X	Switch Engine 33.2	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
4220-8X	Switch Engine 33.2	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-Series-Stack	Switch Engine 33.2	- 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 33.2	- 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 33.2	- 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 33.2	- 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 33.2	- 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 33.2 Fabric Engine 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	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 33.2 Fabric Engine 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	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 33.2 Fabric Engine 9.1.0.1	• 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.
5320-24P-8XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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.
5320-48T-8XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5320-48P-8XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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-24T-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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-24P-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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-24S-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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 33.2 Fabric Engine 9.1.0.1	• 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.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5420F-48P-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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-48P-4XL	Switch Engine 33.2 Fabric Engine 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	• Monitor • Template- and device-level configuration • SSH Proxy
5420F-8W-16P-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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-16W-32P-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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-16MW-32P-4XE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5420M-24T-4YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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-24W-4YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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-48T-4YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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-48W-4YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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-16MW-32P-4YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5520-24W	Switch Engine 33.2 Fabric Engine 9.1.0.1	- 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.
5520-24T	Switch Engine 33.2 Fabric Engine 9.1.0.1	- 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.
5520-24T-ACDC	Switch Engine 33.2 Fabric Engine 9.1.0.1	- Monitor - Template- and device-level configuration - SSH Proxy* - Supplemental CLI*	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 33.2 Fabric Engine 9.1.0.1	- Monitor - Template- and device-level configuration - SSH Proxy* - Supplemental CLI*	Switch Engine: - Monitor - Template- and device-level configuration - SSH Proxy Note: Cross stacking between 4000 and 5000 is not supported.
5520-48W	Switch Engine 33.2 Fabric Engine 9.1.0.1	- 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.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5520-48T	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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.
5520-48T-ACDC	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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.
5520-12MW-36W	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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.
5520-48SE	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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.
5520-48SE-ACDC	Switch Engine 33.2 Fabric Engine 9.1.0.1	• 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.

Device Model	Latest Supported Release	Standalone Support	Stack Support
5520-24X	Switch Engine 33.2 Fabric Engine 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Switch Engine: • Monitor • Template- and device-level configuration • SSH Proxy Note: Cross stacking between 4000 and 5000 is not supported.
5720-24MW	Switch Engine 33.2 Fabric Engine 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Switch Engine: • Monitor • Template- and device-level configuration • SSH Proxy Note: Cross stacking between 4000 and 5000 is not supported.
5720-48MW	Switch Engine 33.2 Fabric Engine 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Switch Engine: • Monitor • Template- and device-level configuration • SSH Proxy Note: Cross stacking between 4000 and 5000 is not supported.
5720-24MXW	Switch Engine 33.2 Fabric Engine 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	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
5720-48MXW	Switch Engine 33.2 Fabric Engine 9.1.0.1	- Monitor - Template- and device-level configuration - SSH Proxy* - Supplemental CLI*	Switch Engine: - Monitor - Template- and device-level configuration - SSH Proxy Note: Cross stacking between 4000 and 5000 is not supported.
7520-48Y	Switch Engine 33.2 Fabric Engine 9.1.0.1	Switch Engine: - Monitor - Template- and device-level configuration - SSH Proxy* - Supplemental CLI* Fabric Engine: Monitor	Switch Engine: - Monitor - Template- and device-level configuration - SSH Proxy Note: Cross stacking between 4000 and 5000 is not supported.
7520-48YE	Switch Engine 33.2 Fabric Engine 9.1.0.1	Switch Engine: - Monitor - Template- and device-level configuration - SSH Proxy* - Supplemental CLI* Fabric Engine: Monitor	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
7520-48XT	Switch Engine 33.2 Fabric Engine 9.1.0.1	Switch Engine: - Monitor - Template- and device-level configuration - SSH Proxy* - Supplemental CLI* Fabric Engine: Monitor	Switch Engine: - Monitor - Template- and device-level configuration - SSH Proxy Note: Cross stacking between 4000 and 5000 is not supported.
7720-32c	Switch Engine 33.2 Fabric Engine 9.1.0.1	Switch Engine: - Monitor - Template- and device-level configuration - SSH Proxy* - Supplemental CLI* Fabric Engine: Monitor	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 33.2	- Monitor - Template- and device-level configuration - SSH Proxy* - Supplemental CLI*	N/A
X435-24T-4S	ExtremeXOS 33.2	- Monitor - Template- and device-level configuration - SSH Proxy* - Supplemental CLI*	N/A

Device Model	Latest Supported Release	Standalone Support	Stack Support
X435-24P-4S	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	N/A
X435-8T-4S	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	N/A
X435-8P-4S	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	N/A
X440-G2-12p-10GE4	ExtremeXOS 33.2	• 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 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*
X440-G2-24p-10GE4	ExtremeXOS 33.2	• 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 33.2	• 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-G2-48p-10GE4	ExtremeXOS 33.2	• 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 33.2	• 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 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X450-G2-24p-10GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X450-G2-48p-10GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-16mp-32p-10GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • S	Monitor
X460-G2-24p-10GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor

Device Model	Latest Supported Release	Standalone Support	Stack Support
X460-G2-24p-GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • S	Monitor
X460-G2-24p-24hp-10GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24t-10GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24t-GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24t-24ht-10GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24x-10GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-48p-10GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-48t-10GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor

Device Model	Latest Supported Release	Standalone Support	Stack Support
X460-G2-48t-GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-48x-10GE4	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-24W	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-48W	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-24MU	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-48P	ExtremeXOS 33.2	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-24MU-24W	ExtremeXOS 33.2	• 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.

IQ Engine (Cloud Native)

Device Model	Latest Supported Release
SR2024 End of Life	IQ Engine 6.5.12
SR2024P End of Life	IQ Engine 6.5.12
SR2124P End of Life	IQ Engine 6.5.12
SR2148P End of Life	IQ Engine 6.5.12
SR2208P End of Life	FASTPATH 9.2.1.20 v1.0.1.29 ExtremeCloud IQ Agent 1.1.31
SR2224P End of Life	FASTPATH 9.2.1.20 v1.0.1.29 ExtremeCloud IQ Agent 1.1.31
SR2324P End of Life	FASTPATH 9.2.1.20 v1.0.1.29 ExtremeCloud IQ Agent 1.1.31
SR2348P End of Life	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	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP7400-48Y	VOSS 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP4900-48P	VOSS 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported

Device Model	Latest Supported Release	Standalone Support	Stack Support
VSP4900-24XE	VOSS 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP4900-24S	VOSS 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP4900-12MXU-12XE	VOSS 9.1.0.1	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
XA1480	VOSS 8.10	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
XA1440	VOSS 8.10	• Monitor • Template- and 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.

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
24.10.10	• License allocation • Device Assignment to the ExtremeCloud IQ Location • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ
24.10.11	• License allocation • Device Assignment to the ExtremeCloud IQ • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ
24.10.12	• License allocation • Device Assignment to the ExtremeCloud IQ • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ
24.10.13	• License allocation • Device Assignment to the ExtremeCloud IQ • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ

ExtremeCloud IQ Site Engine Version	Supported Features
25.2.10	• License allocation • Device Assignment to the ExtremeCloud IQ • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ • Detect and report orphaned devices • Compatible with Extreme Platform ONE subscriptions
25.2.11	• License allocation • Device Assignment to the ExtremeCloud IQ • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ • Detect and report orphaned devices • Compatible with Extreme Platform ONE subscriptions
25.2.12	• License allocation • Device Assignment to the ExtremeCloud IQ • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ • Detect and report orphaned devices • Compatible with Extreme Platform ONE subscriptions

ExtremeCloud IQ Site Engine Version	Supported Features
25.5.10	• License allocation • Device Assignment to the ExtremeCloud IQ • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ • Detect and report orphaned devices • Compatible with Extreme Platform ONE subscriptions
25.5.11	• License allocation • Device Assignment to the ExtremeCloud IQ • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ • Detect and report orphaned devices • Compatible with Extreme Platform ONE subscriptions
25.5.12	• License allocation • Device Assignment to the ExtremeCloud IQ • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ • Detect and report orphaned devices • Compatible with Extreme Platform ONE subscriptions

ExtremeCloud IQ Site Engine Version	Supported Features
25.8.10	• License allocation • Device Assignment to the ExtremeCloud IQ • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ • Detect and report orphaned devices • Compatible with Extreme Platform ONE subscriptions
25.8.11	• License allocation • Device Assignment to the ExtremeCloud IQ • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine with SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ • Detect and report orphaned devices • Compatible with Extreme Platform ONE subscriptions

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	• Licensing • Status Monitoring • SSO • Client Details



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.