



ExtremeCloud IQ (Classic) v25.12.0-125 (Hotfix 1) Release Notes

Enhancements, Fixes, and Supported Devices

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August 2026



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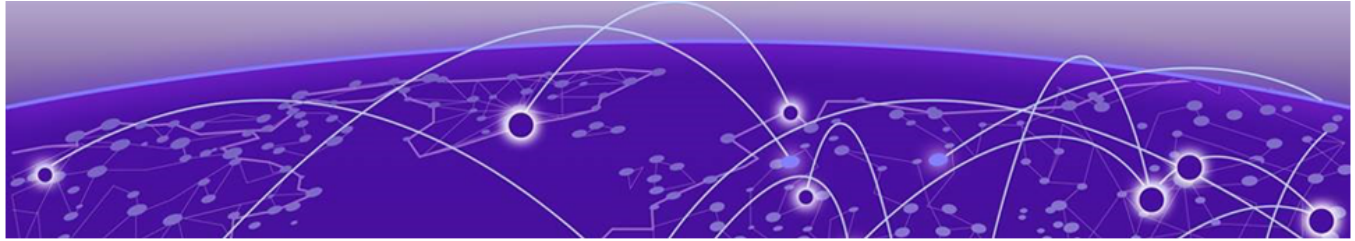
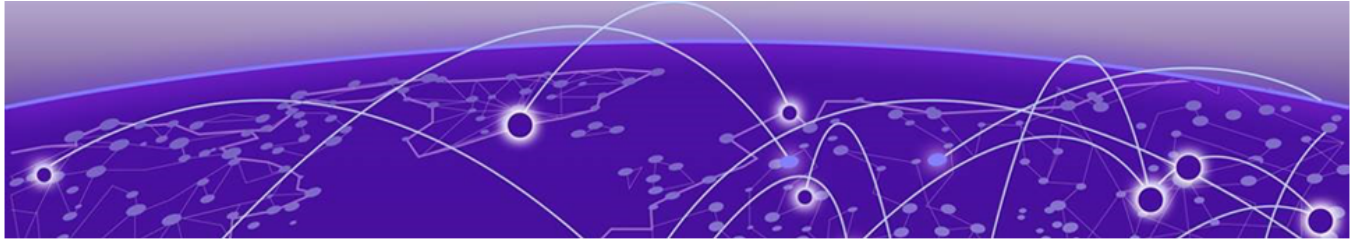


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Abstract

This release notes document for ExtremeCloud IQ (Classic) version 25.12.0-125 (Hotfix 1) provides technical information for network administrators, engineers, and support personnel responsible for cloud-managed wired, wireless, fabric, and multi-vendor network environments. It details new lifecycle management capabilities, including onboarding, monitoring, configuration, image download, drag-and-drop upgrades, and downgrade support for Fabric Engine/VOSS 9.4.1 and 9.3.3 across supported Universal Switches, VSP7400, and VSP4900 platforms. This release addresses multiple issues where services failed to start. Addressed issues resolve wireless monitoring inaccuracies, report export limitations, SNTP-related configuration failures, AP5020 802.1X authentication and UZTNA transport configuration problems, localization defects, and AP operating system conversion errors. Known issues identify limitations affecting SSO session handling, firmware upgrade auditing, API behavior, VLAN and LAG deployments, high-availability and GRE failover scenarios, visualization accuracy, stack management, troubleshooting workflows, and configuration synchronization, with documented workarounds and operational guidance for enterprise-scale deployments and ongoing network management.



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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

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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.

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- Your Extreme Networks service contract number, or serial numbers for all involved Extreme Networks products
- A description of the failure
- A description of any actions already taken to resolve the problem
- A description of your network environment (such as layout, cable type, other relevant environmental information)
- Network load at the time of trouble (if known)
- The device history (for example, if you have returned the device before, or if this is a recurring problem)
- Any related RMA (Return Material Authorization) numbers

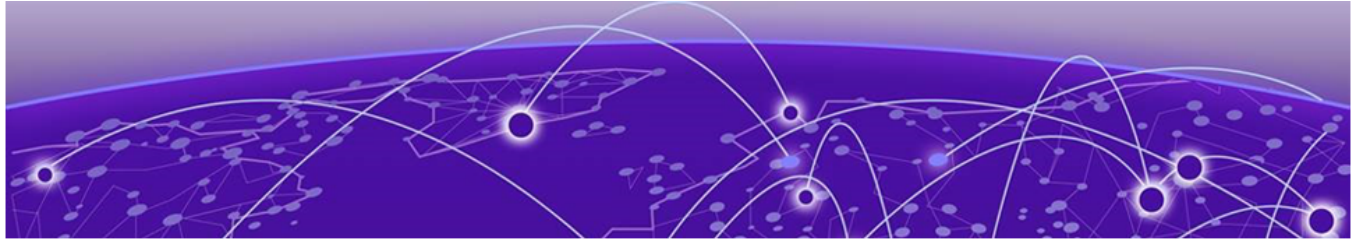
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General Release Information



Note

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

Current Release: 25.12.0-125 (Hotfix 1)

August 2026

This release addresses multiple issues where services failed to start.

Related Links

- [Known Issues](#) on page 12
- [Device Support Information](#) on page 17

Release: 25.12.0-123

August 2026

This release includes new lifecycle management capabilities, including onboarding, monitoring, configuration, image download, drag-and-drop upgrades, and downgrade support for Fabric Engine/VOSS 9.4.1 and 9.3.3 across supported Universal Switches, VSP7400, and VSP4900 platforms.

Related Links

- [Known Issues](#) on page 12
- [Device Support Information](#) on page 17

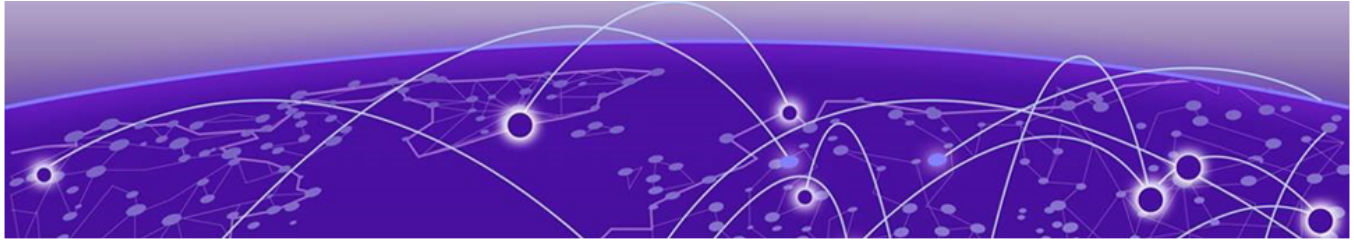
ExtremeCloud IQ Public IP Address Blocks

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

Data Center	IP Block	Addresses and Ports
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
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 10.8.7.



Previous Release

[New Features](#) on page 9

[Addressed Issues](#) on page 10

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

New Features

[New Features in 25.12.0-123](#) on page 10 lists the new features introduced in ExtremeCloud IQ 25.12.0-123.

For more information about ExtremeCloud IQ features, see the ExtremeCloud IQ (Classic) v25.12.0 User Guide.

Device OS Support

This release supports the following device operating systems.

- **EXOS/Switch Engine:**

- IQAgent Version
 - EXOS/Switch Engine release < 31.7: upgrade to IQAgent version 0.9.32
 - EXOS/Switch Engine release >= 31.7 < 33.2 upgrade to IQAgent version 0.9.41
 - EXOS/Switch Engine release >= 33.2 upgrade to IQAgent version 1.9.41
- 33.5.2.118-patch1-6 Latest Supported GA Patch

Onboard, Monitor, Config, Image Mgmt, and Global Download Support

- 33.6.1 Latest Supported GA Image

Onboard, Monitor, Config, Image Mgmt, and Global Download Support

- 32.7.3.15-patch1-33 Previous Supported GA Patch

Onboard, Monitor, Config, Image Mgmt, and Global Download Support

- 32.7.3.15-patch1-33 Previous Supported GA Image

Onboard, Monitor, Config, Image Mgmt, and Global Download Support

- **VOSS/Fabric Engine:**

- 0.9.41 IQ Agent Support
- 9.3.2 Latest Supported GA Image

Onboard, Monitor, Config, Image Mgmt, and Global Download Support

- 9.2.3 Previous Supported GA Patch

Onboard, Monitor, Config, Image Mgmt, and Global Download Support

- 9.2.1.1 Previous Supported GA Image

Onboard, Monitor, Config, Image Mgmt, and Global Download Support

- **IQEngine Support:**
 - IQEngine release 10.8.7

New Hardware Support

ExtremeCloud IQ (Classic) contains no new hardware support.

New Features in 25.12.0-123

[Table 1](#) lists the new features introduced in ExtremeCloud IQ (Classic) release 25.12.0-123.

Table 1: New Features in release 25.12.0-123

Feature ID	Feature	Description
XIQ-50780	Fabric Engine/VOSS 9.4.1 Support	ExtremeCloud IQ supports onboarding, monitoring, configuring, and drag-and-drop image upgrades for Fabric Engine/VOSS 9.4.1 on all ExtremeCloud IQ-supported SKUs, including Universal Switches, VSP7400, and VSP4900. Users can downgrade to a previous image, including the IQAgent image, without GTAC engagement.
XIQ-50781	Fabric Engine/VOSS 9.4.1, 9.3.3, 8.10.9 Support	Support is added for for onboard, monitor and image download with Fabric Engine/VOSS 9.4.1, 9.3.3, 8.10.9. Supported switch models are: 7830, 7720, 7520, 5720, 5520, 5420, 5320 and applicable Universal Hardware 4220 switches, VSP7400, and VSP4900. Version 8.10.9 is only supported on XA1400.
XIQ-50783	Fabric Engine/VOSS 9.3.3.0 Support	ExtremeCloud IQ supports onboarding, monitoring, configuring, and downloading images for Fabric Engine/VOSS 9.3.3.0 on all ExtremeCloud IQ-supported Fabric Engine/VOSS SKUs, including 5000 series and 7000 series Universal Switches, VSP7400, and VSP4900. The Fabric Engine/VOSS downloadable image drop-down is updated to include Fabric Engine/VOSS 9.3.3 as the previous GA image.

Addressed Issues

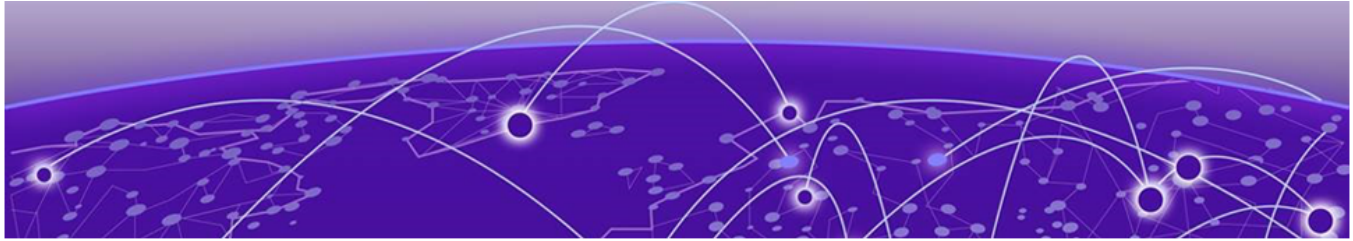
[Table 2](#) lists Addressed Issues in ExtremeCloud IQ 25.12.0-123.

Table 2: Addressed Issues in release 25.12.0-123

Issue ID	Description
CFDs	
CFD-17222 (03273811)	Addressed the issue where there were intermittent authentication failures by improving the IDM gateway reliability.

Table 2: Addressed Issues in release 25.12.0-123 (continued)

Issue ID	Description
CFD-17314 (03270487)	Addressed the issue where the Usage in Bytes column in the Top Access Points By Usage downloadable report under Manage > Summary did not match the Radio 5 GHz Usage in Bytes value shown in the equivalent scheduled report for the same time period.
CFD-17339 (03275916, 03268185)	Addressed the issue where the WiFi Channel Utilization and Connected Clients (My Clients) values displayed in the Wireless Interfaces monitoring graph were not accurately reflected in the accompanying table, and custom time range data fluctuated at regular intervals compared to the Day time range view.
CFD-17340 (03279781)	Addressed an issue where applying UZTNA SSID configuration to AP305C and AP410C access points running IQEngine versions earlier than 10.8.7 could remove required legacy RADIUS-over-TLS proxy settings, causing 802.1X authentication failures.
CFD-17388 (03281109)	Addressed the issue where the CSV export from the Client Monitor and Diagnosis page under Manage only included events visible on the current page rather than all events for the selected time range; the export now includes the full data set regardless of the current page position.
CFD-17467 (03279457)	Addressed an issue where EXOS switches with the same IP address configured for both the primary and secondary SNTP servers failed device initial collection. The table index has been updated to correctly distinguish between primary and secondary servers sharing the same IP address, allowing collection and configuration pushes to complete successfully.
CFD-17483 (03272596)	Resolved an issue where Tunnel Concentrator configurations could omit tunnels for some access points, preventing their tunneled traffic from being handled correctly. Configuration generation now includes the expected AP tunnel entries for large deployments.
CFD-17564 (03287829)	Addressed an issue where AP5020 access points experienced 802.1X authentication failures and SSID outages after upgrading to IQ Engine 10.8.7.0 due to a misconfigured UZTNA transport mode. The fix includes a per-SSID transport selector, letting admins choose between Direct Tunnel (10.8.7.0+) and Legacy Proxy (older firmware), with automatic exclusion of non-qualifying APs.
User Interface	
XCP-22984	Addressed the issue where there were real-time synchronization issues on the Client Health page involving delays and discrepancies in client connection and disconnection status updates.



Known Issues

Table 3 lists known product issues in ExtremeCloud IQ 25.12.0-125 (Hotfix 1).

Table 3: Known Issues in 25.12.0-125 (Hotfix 1)

Issue ID	Description
API	
CFD-11529 (02957942)	API response data is unclear.
XIQ-32459	The ExtremeCloud IQ deployment API HTTP Success status code changed from 200 to 202.
XIQ-39330	The packet loss metric is incorrectly reported as a raw packet count rather than a percentage in both the API response and the user interface.
Device 360	
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.
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-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.
Device Management	
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.
XCP-22265	Export and import of VIQ, backup and restore of VIQ does not work properly if the ExtremeCloud IQ Site Engine is present.
XIQ-46182	An issue exists where the EXOS and Switch Engine 31.7.4.2-patch1-7 cannot be onboarded, monitored, or configured through drag-and-drop image management for all EXOS and Switch Engine supported SKUs.

Table 3: Known Issues in 25.12.0-125 (Hotfix 1) (continued)

Issue ID	Description
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	An issue exists where delta configuration push fails for AP5020 Wifi0 with dual 5G mode when 5G-Low channels are not supported in some countries.
XIQ-34441	Standards-Based GRE failover settings that enable geographic redundancy for AP to GRE Tunnel connections are not supported.
XIQ-33498	AP5050 AFC 6GHz FCC does not support client mode.
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-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-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-47962	Tunnel Concentrator retains the old IP address of an AP after the configuration is updated with a new IP address.
XIQ-47986	Location based SSID classification adds unnecessary AP information to Tunnel Concentrator configuration.
Logs	
XCP-12063	An audit log entry is not generated for a firmware upgrade triggered with a T+1 day schedule. Although the firmware upgrade completes successfully on the scheduled date, no corresponding log entry appears in the Audit Log.
XCP-12064	An audit log entry is not generated upon successful completion of a firmware upgrade. A log is created when the upgrade is initiated, but no log is created when the upgrade completes.

Table 3: Known Issues in 25.12.0-125 (Hotfix 1) (continued)

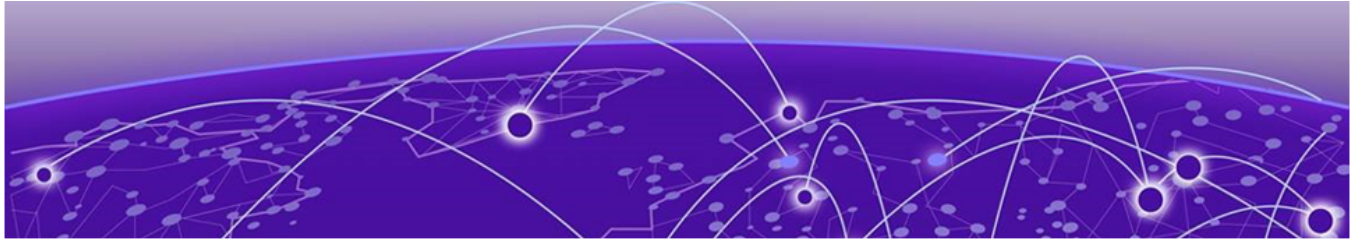
Issue ID	Description
XCP-16651	No audit log entry is generated for a failed firmware upgrade. A failure log with the failure reason and device details is expected but not created.
XIQ-47371	Multiple logs are generated for both single and bulk device deletions.
Onboarding	
XIQ-39282	After successfully 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.
SSO	
XCP-22975	When logging out of an SSO account and logging back in with a different SSO user, the system may incorrectly display the previous user's account information. This occurs because session data from the prior login is not fully cleared on logout. Workaround: Fully close the browser (all tabs and windows) after logging out of the SSO account before logging in with the new user.
XIQ-49634	When switching to a different SSO account from ExtremeCloud IQ, you are redirected to but remain on the original SSO account.
Troubleshooting	
CFD-12971 (03040726)	Capwap disconnection for about 1.5 hours due to the capwap server i/o timeout issue.
XIQ-19977	The MCast rate configured in an AP template does not take effect when sCLI is presented.
XIQ-31433	The Cloud Service component of iBeacon is temporarily disabled. This service will be available in a future release.
XIQ-48210	Downloading the AFC Geolocation report produces a corrupt file that is not in the expected CSV format, making it unusable for troubleshooting.
Upgrading	
CFD-10699 (02906999)	Universal Access Points failed to complete the WiNG-OS conversion, even after a successful CAPWAP and STUN binding.
XCP-13051	While a firmware upgrade is in progress for a device in Extreme Platform ONE Networking it is deleted in ExtremeCloud IQ.
XCP-14211	The Firmware Version dropdown is not visible during a firmware upgrade when multiple APs are selected and the last device in the list is reviewed on high-resolution displays.

Table 3: Known Issues in 25.12.0-125 (Hotfix 1) (continued)

Issue ID	Description
XCP-17804	Following an upgrade, certain data schemas may fail to register due to compatibility conflicts with previously stored schema versions. This can prevent some telemetry and client event data from being processed correctly until the issue is resolved.
User Interface	
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.
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.
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.
CFD-13877 (03094673)	Wi-Fi Interface graph does not match Device > Monitoring > Wireless Interface .
XCP-4999	Currently, when filtering on a switch stack, when a search matches any child device, the entire stack is displayed instead of individual devices.
XCP-18242	A location assigned to multiple devices simultaneously is correctly reflected in the Network Devices table but not in the Inventory page, which continues to show the location as Unassigned for some devices.
XCP-22682	Management port statistics are not displayed on the Usage and Capacity page for Switch Engine/EXOS devices that have all standard ports disabled
XCP-24557	The Usage and Capacity widget on the Dashboard does not include issue counts for stack devices. The widget shows 0 for sites where a stack device has congestion issues.
XIQ-5700	Client Trail showed only the currently connected AP when the client roamed to a different AP from the onboarded ExtremeCloud IQ Controller.
XIQ-19320	The Wi-Fi Interface Transmission power does not update on the Managed Device page after a bulk edit.

Table 3: Known Issues in 25.12.0-125 (Hotfix 1) (continued)

Issue ID	Description
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.
XCP-20852	The Global Sites filter does not return sites in alphabetical order. Sites are currently sorted by creation time instead of alphabetically. Site Groups and search results within the filter are also not sorted alphabetically.
XIQ-21339	When aggregation is enabled with a rate-limit configuration in ExtremeCloud IQ, configuration fails without an error message displayed.
XIQ-31601	A perimeter added or modified from the Planning page does not sync with the Realtime maps page.
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-42050, XIQ-42051	Issues exist with FIPS enabled filters. The Manage Application page displays all applications instead of filtering to show only FIPS-enabled applications, and the Manage Summary widget shows inaccurate data for Top Application Groups , Top Usage , and Total Application Usage metrics.
XIQ-46203	The source field label on the Users monitoring page displays as "other" instead of "others".
XIQ-46795	Stack hostname changes made in device CLI are not reflected in ExtremeCloud IQ interface.
XIQ-50598	A discrepancy exists in Tx/Rx Bytes values between the Port Stats window in ExtremeCloud IQ (Classic) and the Client 360 view for the same device and time interval.



Device Support Information

[Controllers](#) on page 17
[Access Points](#) on page 18
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[Routers](#) on page 45
[ExtremeCloud IQ Site Engine](#) on page 46
[ExtremeCloud IQ CoPilot](#) on page 50
[ExtremeCloud A3](#) on page 50
[Supported Browsers and Display Settings](#) on page 51

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



Note

ExtremeCloud IQ supports onboarding only for homogeneous stacks. Stacks consisting of different models (mixed mode, mixed platforms) are not supported. Those stacks can be managed by ExtremeCloud IQ Site Engine.

Controllers

Device Model	Latest Supported Release	Comments
E1120	XIQC 10.19.01	Monitor only
E2120	XIQC 10.19.01	Monitor only
E2122	XIQC 10.19.01	Monitor only
E3120	XIQC 10.19.01	Monitor only
E3125	XIQC 10.19.01	Monitor only
VE6120	XIQC 10.19.01	Monitor only
VE6120H	XIQC 10.19.01	Monitor only
VE6120K	XIQC 10.19.01	Monitor only
VE6125	XIQC 10.19.01	Monitor only
VE6125K	XIQC 10.19.01	Monitor only
NX5500	WiNG OS 7.9.6.1	Monitor only
NX7500 Series	WiNG OS 7.9.6.1	Monitor only

Device Model	Latest Supported Release	Comments
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
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 18
- [IQ Engine \(Cloud Native\)](#) on page 20
- [ExtremeWireless WiNG](#) on page 20
- [Extreme Wireless](#) on page 21

Universal Hardware

Device Model	Latest Supported Release	Recommended Sustaining Release	Comments
AP302W	IQ Engine 10.8.7 WiNG OS 7.9.6.0 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.3.1
AP305C	IQ Engine 10.8.7 WiNG OS 7.9.6.0 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.1.1
AP305C-1	IQ Engine 10.8.7 WiNG OS 7.9.6.0 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.4.6
AP305CX	IQ Engine 10.8.7 WiNG OS 7.9.6.0 AP 10.18.01	IQ Engine 10.8.5.4 (10.8.5d)	Platform support introduced with IQ Engine 10.1.1
AP3000	IQ Engine 10.8.7 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ engine 10.6.1
AP3000X	IQ Engine 10.8.7 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.6.1
AP4000	IQ Engine 10.8.7 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.4.1

Device Model	Latest Supported Release	Recommended Sustaining Release	Comments
AP4000-1	IQ Engine 10.8.7 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.4.2
AP4020/X/FX	IQ Engine 10.8.7 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.8.4
AP4060	IQ Engine 10.8.7 AP 10.19.01	IQ Engine 10.8.5f (10.8.5.6)	IQ Engine 10.8.4
AP410C	IQ Engine 10.8.7 WiNG OS 7.9.6.0 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.1.2
AP410C-1	IQ Engine 10.8.7 WiNG OS 7.9.6.0 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.4.6
AP460C	IQ Engine 10.8.7 WiNG OS 7.9.6.0 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.1.2
AP460S6C	IQ Engine 10.8.7 WiNG OS 7.9.6.0 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.1.2
AP460S12C	IQ Engine 10.8.7 WiNG OS 7.9.6.0 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.1.2
AP5010	IQ Engine 10.8.7 WiNG OS 7.9.6.0 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.5.1
AP5020	IQ Engine 10.8.7 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.7.2
AP5050U	IQ Engine 10.8.7 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.5.3
AP5050D	IQ Engine 10.8.7 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.5.3
AP510C/CX	IQ Engine 10.8.7 AP 10.18.01	IQ Engine 10.8.5f (10.8.5.6)	Platform support introduced with IQ Engine 10.0.8

IQ Engine (Cloud Native)

Device Model	Latest Supported Release	Comments
AP630	IQ Engine 10.8.7	Platform support introduced with IQ Engine 10.0.1. End of Life Information
AP650	IQ Engine 10.8.7	Platform support introduced with IQ Engine 10.0.1. End of Life Information
AP650X	IQ Engine 10.8.7	Platform support introduced with IQ Engine 10.0.1. End of Life Information
AP150W	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.1.1. End of Life Information
AP130	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.2.1. End of Life Information
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

Device Model	Latest Supported Release	Comments
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
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 22
- [ExtremeXOS](#) on page 39
- [VOSS](#) on page 44
- [Dell EMC](#) on page 45

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 33.6	- 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 33.6	- 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 33.6	- 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 33.6 Fabric Engine 9.4	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 33.6 Fabric Engine 9.4	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 33.6 Fabric Engine 9.4	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 33.6 Fabric Engine 9.4	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 33.6	- 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 33.6	- 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 33.6 Fabric Engine 9.4	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 33.6 Fabric Engine 9.4	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 33.6	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 33.6 Fabric Engine 9.4	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 33.6	- 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 33.6	- 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 33.6	- 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 33.6	- 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 33.6	- 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	• Monitor • Template- and device-level configuration • SSH Proxy
5420F-8W-16P-4XE	Switch Engine 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	- 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 33.6 Fabric Engine 9.4	- 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 33.6 Fabric Engine 9.4	- 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 33.6 Fabric Engine 9.4	- 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 33.6 Fabric Engine 9.4	- 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	• 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 33.6 Fabric Engine 9.4	- 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 33.6 Fabric Engine 9.4	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 33.6 Fabric Engine 9.4	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 33.6 Fabric Engine 9.4	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 33.6 Fabric Engine 9.4	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 33.6	- Monitor - Template- and device-level configuration - SSH Proxy* - Supplemental CLI*	N/A
X435-24T-4S	ExtremeXOS 33.6	- 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 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	N/A
X435-8T-4S	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	N/A
X435-8P-4S	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	N/A
X440-G2-12p-10GE4	ExtremeXOS 33.6	• 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 33.6	• 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 33.6	• 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 33.6	• 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 33.6	• 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 33.6	• 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 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X450-G2-24p-10GE4	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X450-G2-48p-10GE4	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-16mp-32p-10GE4	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • S	Monitor
X460-G2-24p-10GE4	ExtremeXOS 33.6	• 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 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • S	Monitor
X460-G2-24p-24hp-10GE4	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24t-10GE4	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24t-GE4	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24t-24ht-10GE4	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-24x-10GE4	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-48p-10GE4	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-48t-10GE4	ExtremeXOS 33.6	• 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 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X460-G2-48x-10GE4	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-24W	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-48W	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-24MU	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-48P	ExtremeXOS 33.6	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Monitor
X465-24MU-24W	ExtremeXOS 33.6	• 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
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 9.4	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP7400-48Y	VOSS 9.4	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP4900-48P	VOSS 9.4	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP4900-24XE	VOSS 9.4	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported
VSP4900-24S	VOSS 9.4	• Monitor • Template- and device-level configuration • SSH Proxy* • Supplemental CLI*	Not supported

Device Model	Latest Supported Release	Standalone Support	Stack Support
VSP4900-12MXU-12XE	VOSS 9.4	• 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
N3048P	IQAgent 1.1.29
N1524	IQAgent 1.1.29
N1524P	IQAgent 1.1.29
N1548	IQAgent 1.1.29
N1548P	IQAgent 1.1.29

Routers

Device Model	Latest Supported Release	Standalone Support
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
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
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 Site Engine Version	Supported Features
25.8.12	• 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
25.8.13	• 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 • Detect and report orphaned devices • Compatible with Extreme Platform ONE subscriptions
25.11.10	• 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

ExtremeCloud IQ Site Engine Version	Supported Features
25.11.11	• 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
25.11.12	• 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
26.02.10	• 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

ExtremeCloud IQ Site Engine Version	Supported Features
26.02.11	• 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
26.02.12	• 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
26.02.13	• 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 • 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
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 4: Desktop Browsers

Desktop Browsers	Version Supported
Chrome	v116
Edge	v115
Firefox	v115
Internet Explorer	Not supported
Opera	v60
Safari	v13

Table 5: 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.