ExtremeCloud IQ v25.1.0.149 Release Notes

Enhancements, Fixes, and Supported Devices

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Abstract

The release notes for ExtremeCloud IQ version 25.1.0.149 provide detailed information on several technical enhancements, new features, and critical fixes introduced in this release for network administrators managing the ExtremeCloud IQ platform. Key technical points include support for advanced device operating systems such as ExtremeXOS/Switch Engine (33.2) and VOSS/Fabric Engine (9.1.0.1), alongside IQ Engine 10.7.5 for improved network orchestration. Notable new features include the ability to configure LLDP with multicast filters, enhanced ELRP settings for port management, and WPA3-SAE support with Protected Management Frames (PMF) for 6 GHz radios. The AP5020 now supports dynamic packet capture and dual 5 GHz/6 GHz radio modes, improving wireless performance diagnostics. Additionally, new VLAN attributes, real-time RF heat maps, and roaming trail visualization on the client map enhance network management. Addressed issues include performance fixes for AP5020 wired speed display, client session duplication, and syslog hostname configurations. Known issues highlight potential configuration push errors, Wi-Fi 6E support limitations, and unresolved firmware version discrepancies for certain devices. This release is designed for IT professionals and network engineers focused on optimizing and troubleshooting complex wireless deployments.

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

Current Release: 25.1.0.149

January 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	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
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

Data Center	IP Block	Addresses and Ports
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 v10.7.5 Software

See the IQ Engine Release Notes for information about the current release of IQ Engine.

New Features in 25.1.0.149

Device OS Support

This release supports the following device operating systems:

- **ExtremeXOS/Switch Engine**:
  - 31.7.3.37 Patch 1-54 Image Download Support
  - 33.2 Image Download Support
  - 33.2 Onboard, Monitor, Config, Image Drag & Drop Support
  - 32.6.3.127 Patch 1-X Onboard, Monitor, Config, Image Drag & Drop Support
  - 32.7.1.9 Patch 1-X Image Download Support
  - 32.7.1.9 Patch 1-X Onboard, Monitor, Config, Image Drag & Drop Support
  - EXOS IQAgent—Switch Engine supports IQAgent 0.9.8/1.9.8 (0.9.8 for NOS versions <= 33.1 1.9.8 for NOS versions >= 33.2)
- **VOSS/Fabric Engine**:
  - VOSS IQAgent 0.9.13—Fabric Engine supports IQAgent 0.9.13
  - VOSS/Fabric Engine 9.1.0.1—for all supported VSP/Fabric Engine SKUs
- **IQ Engine**:
  - IQ Engine 10.7.5

New Hardware Support

There is no new hardware support in this release.

Table 1: New Extreme Essentials Features in 24.7.0

Feature ID	Feature	Description
XESS-1705	AirDefense Essentials Fast termination support	AirDefense Essentials sends Fast Termination message for both the AP and the STA termination.
XESS-1599	Rogue Alarm Detection and Reporting (New Algorithm)	New logic has been introduced to address false rogue detection.
XESS-1557	AP5020: Essentials support for multi BLE functions for dual IoT Radio	Extreme Essentials support for AP5020 dual BLE radios. The BLE webhook now supports Eddystone and Generic scan, in addition to the already supported iBeacon (AP5020 only).

Table 1: New Extreme Essentials Features in 24.7.0 (continued)

Feature ID	Feature	Description
XESS-1513	AirDefense Alarms Webhook	Extreme AirDefense Essentials now supports a live webhook stream for all alarms including status changes.
XESS-1474	AP5020: Essentials WiFi Support	AP5020 is now fully integrated into all the 3 essentials - Guest, Location, and AirDefense.

Table 2: New Features in 25.1.0.149

Feature ID	Feature	Description
XIQ-37060	RTTS: Limit session to 10 minutes	Each Real-Time On-Demand packets streaming and client stats session is limited to 10 min. If customer needs more time for real-time troubleshooting, they have to start the new session.
XIQ-36884	XIQ LLDP Handling for Upgrade/Backward Compatibility	Improved ExtremeCloud IQ support for access point models that have LLDP enabled out-of-the-box.
XIQ-36359	xAPI Enhancement for LLDP Information	The xAPI for `GET: /devices/{id}/` now includes **Management IP address** of the connected upstream device (typically a switch) and **Port Description**.
XIQ-36357	API Enhancement to 'Clients/Active' Call	The API endpoint `GET: /clients/active` now provides improved identification of the **Radio Mode type** and **Encryption Method**, and it also returns the **MAC protocol**.
XIQ-36355	xAPI Radio-Information Enhancements for BSSID Data	The xAPI endpoint `/devices/radio-information`, which retrieves client radio information for devices, now includes related **BSSID** information.
XIQ-36203	Timebound: EXOS/Switch Engine 31.7.3.37-patch1-54 Onboard, Monitor, Config (Drag/Drop) Support	ExtremeCloud IQ supports Switch Engine and EXOS 31.7.3.37 Patch 1-54 through the local image management option.
XIQ-36191	Timebound: ST:EXOS/Switch Engine 31.7.3.37-patch1-54 GA Download Image Support	ExtremeCloud IQ supports Switch Engine and EXOS 31.7.3.37-patch1-54.

Table 2: New Features in 25.1.0.149 (continued)

Feature ID	Feature	Description
XIQ-35480	HotSpot 2.0 Configuration In XIQ SSID - 11ax support	Hotspot 2.0 is now available as a configuration option for SSIDs within ExtremeCloud IQ. With this release, HotSpot 2.0 supports the following 802.11ax AP models: · AP305C/X · AP410C · AP510C/X · AP460C/S6C/S12
XIQ-35367	Add AP3000/X-IL for Israel	AP3000/X-IL for Israel is supported.
XIQ-34937	New gen maps: Phase 3 completion	The following features are now available for Real Time Heat Maps: · **Antenna Patterns**: Data sheet style antenna patterns can now be displayed for the access point (AP) models that are located on the floor. · **AP Installation Height**: You can now adjust the installation height for each individual AP. By default, the installation height is inherited from the floor information. · **AP Coverage**: Coverage can be displayed for individual AP (right click > Show coverage). · **Hide AP**: You can hide APs from the floor by right-clicking and selecting **Hide** or by using the Show/Hide icon in the Device Inventory.
XIQ-34886	Near Real-time Trouble Shooting and Packet Capture over Inlets	Near Real-Time Troubleshooting and datastream are now available in ExtremeCloud IQ. These features are supported on the following 6E access points: · AP3000/x · AP5010 · AP5050U/D
XIQ-34885	Support 802.3az Green Ethernet for AP5020 - UI support	Energy-Efficient Ethernet (EEE), or IEEE 802.3az, is now supported in ExtremeCloud IQ for the AP5020. This feature enables physical layer transmitters to consume less power during periods of idleness or low data activity. To activate this feature in ExtremeCloud IQ, go to the Wired Port Configuration in Device360 or the AP5020 Device Template.

Table 2: New Features in 25.1.0.149 (continued)

Feature ID	Feature	Description
XIQ-34542	WiFi 6 and 6E AP IOT Scans : Option to remove duplicate entries in HTTP post	By default, BLE scans have unique BLE entries. The UI includes an option to remove duplicates, which must be turned OFF if users want to receive multiple entries for the same tag. On the AP5020, this feature supports iBeacon, Eddystone, and Generic BLE scans. On WiFi 6E APs, this feature supports iBeacon and Generic BLE scans. And on WiFi 6 APs, this feature supports iBeacon scans only.
XIQ-34270	ST: Fabric Engine/VOSS 9.1 Onboard, Monitor, Config, and Download Image Support	ExtremeCloud IQ supports the Fabric Engine/VOSS 9.1 image download for all supported VSP/Fabric Engine SKUs.
XIQ-34203	Timebound: ST:EXOS/Switch Engine 33.1 GA Download Image Support	ExtremeCloud IQ supports Switch Engine and EXOS 33.1.
XIQ-34184	Automatically apply configuration to offline devices	Administrators can activate a new feature in ExtremeCloud IQ that ensures configurations are pushed to offline devices once they reconnect. Online devices with pending configuration tasks will display a new icon. Additionally, administrators can use a new filter to identify devices with staged configuration tasks.
XIQ-34116	Allow hide/unhide device from the map	Customers can assign locations to devices without displaying them on the floor-level heatmap. They have the option to hide the device from the map while retaining the location assignment.
XIQ-33916	AFC: Graph to show AFC server(s) availability for the past 24 hours	The AFC Wireless View includes a new feature designed to show AFC service status over the last 24 hours.
XIQ-33843	UZTNA: EAP-TLS auth not working with IDM	UZTNA and Cloud PPSK/ID Manager can now utilize the native RADSEC Proxy in Cloud APs simultaneously.
XIQ-33325	AP5020 Radio Mode Configuration Phase 2 (mode 2, 4)	AP5020 radio modes 2 and 4 are now supported, enabling scanning on Radio 1.

Table 2: New Features in 25.1.0.149 (continued)

Feature ID	Feature	Description
XIQ-32747	Deprecate Facebook from Cloud Captive Portal Social Login Options	Support for Facebook Social Login through the ExtremeCloud IQ Cloud Captive Web Portal has been deprecated. **Note:** • For new Cloud CWP creations, the Facebook checkbox option has been removed, and the Facebook option is no longer available on the landing page. • For existing Cloud CWPs with the Facebook login option, you must resave the CWP and Network Policy, then redeploy the respective network policy to the device to remove the existing Facebook login button.
XIQ-32330	Show AFC dependent APs-outdoor	Channel map type now shows 6 GHz LP (Low Power) vs 6GHz SP (Standard Power) radios. Low and standard power radios are visually distinguished by color and they both show the channel that is being used.
XIQ-32329	Allow Installation height to be set per AP	We now support setting the device installation height per individual AP. Installation height is inherited from the floor and this individual setting overrides the inherited height.
XIQ-32318	Generic Scan: Support Chorus & HTTP post in universal HW 6E APs	WiFi 6E APs support Generic scan with filtering option for Google chorus and HTTP Post.
XIQ-31771	Manage By column for devices not managed by XIQ	Enhanced the **Managed By** column. If ExtremeCloud IQ does not manage the device, it is clear what entity owns the device configuration.
XIQ-31300	Support for IQE 10.7r5	IQ Engine 10.7r5 is now supported in Extreme Cloud IQ version 25.1.
XIQ-31294	Tunnel Concentrator - Support syslog	Extreme Tunnel Concentrator supports syslogs.
XIQ-30518	AFC: Support new alerts for channel and power notifications	ExtremeCloud IQ now supports two new alerts for Automated Frequency Coordination (AFC). • First time up for 6 GHz radios when allocated spectrum from AFC • Every time the 6 GHz radio is disabled by AFC.

Table 2: New Features in 25.1.0.149 (continued)

Feature ID	Feature	Description
XIQ-30106	[Tunnel Concentrator] - Config push for LAG on UCP appliances for TC	Extreme Tunnel Concentrator now supports LAG configuration on the UCP ports.
XIQ-30048	Change SES Imagotag to Electronic Shelf Label	Updated **SES-Imagotag** to **Electronic Shelf Label** on both the AP Interface configuration page and the AP template interface configuration page.
XIQ-28932	Support for IQ Engine 10.7.4	ExtremeCloud IQ supports IQ Engine v10.7.4.
XIQ-28894	HotSpot 2.0 Configuration In ExtremeCloud IQ SSID—6E Support	ExtremeCloud IQ supports Hotspot 2.0 for AP3000, AP5010, and AP5050 devices.
XIQ-18526	Support for EXOS/Switch Engine Updated SSH server cypher	ExtremeCloud IQ now supports Switch Engine and IQ agent onboarding, monitor, and management if the SSH2 key algorithm is set to SHA2-512 via CLI, SSH Proxy, or through Supplemental CLI running Switch Engine 32.5 or newer.
XIQ-18011	New Manage By column for devices not managed by XIQ	The **Manage** > **Devices** > **Device Managed By** filter now shows the name of the entity that manages the device. This applies for devices managed through XIQ Controller, WiNG Controller, and XIQ Site Engine.

Addressed Issues in in 25.1.0.149

Table 3: Addressed Issues in 25.1.0.149

Issue ID	Description
CFD-13130 (03049575)	Resolved an issue where the Clients Summary API query was not properly returning client counts for Sites or Buildings.
CFD-13119 (03044279)	Resolved an issue where exporting map other than a floor to PDF was not working properly.
CFD-13110 (3049283)	Resolved an issue where SNMP servers could not be added/configured when using the Italian language setting.
CFD-13046 (03045086)	Resolved an issue where clicking on the type of heat map (All/Real/Simulated) would toggle the heat map off entirely.
CFD-13045 (03043698)	Resolved an issue where credentials were not being sent to users when importing the users via csv.
CFD-13034 (03044099)	Resolved an issue where disabling a radio in an SSID would also hide/disable MAC Authentication.
CFD-12998 (03043493)	Resolved an issue where more than 25 SNMP server classification rules were not allowed in an SNMP configuration in policy.
CFD-12980 (03038117)	Resolved an issue where the Guest Essentials splash template was not being shown when a GE-enabled SSID was removed and re-added to the same or different policy.
CFD-12909 (03044057)	Resolved an issue where error 400 appears when the administrator's home GDC is different from the external customer's GDC.
CFD-12895 (03033866)	Resolved an issue in the API where MAC Firewall rules were not being saved after a DETACH call for a rule, resulting in errors when ATTACH was executed.
CFD-12867 (03028846)	Resolved an issue where the downloaded csv in **Manage** > **Clients** was only including clients shown on the first page of the clients table.
CFD-12843 (03034821)	Resolved an issue where the Client Issues widget was limiting data to only 10 clients.
CFD-12835 (03029090)	IDM to Handle the accounting interim update for UZTNA user preventing disconnects.
CFD-12811 (03033042)	Corner case to handle AP interfaces connected to 2 different switched in LLDP info table.
CFD-12804 (03029086)	Resolved an issue where CLI fails for a AP4000 delta push when SSID Option Settings are modified.

Table 3: Addressed Issues in 25.1.0.149 (continued)

Issue ID	Description
CFD-12761 (03029390)	Resolved an issue with ExtremeGuest Essentials showing an Error: Communication Error message and configuration loss due to large location tree.
CFD-12744 (03017507)	ExtremeCloud IQ used the wrong data type for tx_error and rx_error to save the value that sent by device, when average value larger than 127, it will become negative.
CFD-12739 (03024499, 03018370)	The **Used By** column for MAC Objects/MAC OUIs no longer has a sorting option, as the data is not a sortable field.
CFD-12736 (03025090)	Resolved an issue with ExtremeGuest Essentials where the country code for Czech republic was missing from the splash page.
CFD-12727 (03027340)	Added the missing**Issue** column to the exported Copilot Anomaly csv file.
CFD-12711 (03020224, 03027854, 0304803)	Resolved an issue where the Top Access Points graph was not loading under **Manage** > **Summary**.
CFD-12707 (03022248)	Resolved an issue where the user profile assignment was not working correctly with MAC authentication.
CFD-12690 (03020455)	Resolved an issue where the Delta config push was renewing radsec certificate when no changes were made to radsec settings.
CFD-12685 (03022469)	Resolved an issue where CWP SSID pin csv reports are not attached to report emails.
CFD-12665 (03021046, 03024657, 03035924, 03040727)	Resolved issues where Android OS devices are assigned to the default user profile instead of the user profile defined for the Android OS devices.
CFD-12621 (03017590)	Resolved an issue where the PMF button in ExtremeCloud IQ is always off and does not reflect if PMF is actually enabled.
CFD-12617 (02935096)	Resolved an issue where Google Social Login authentication cache timeouts were not working as expected.
CFD-12485 (03012057)	Resolved an issue where the box for Move location in **Manage** > **Planning** is too small.
CFD-12464 (02999398)	Resolved an issue where the customer was unable to filter for specific client information, and was seeing misinformation under **Manage** > **Clients**.
CFD-12408 (02996748)	Enhanced the communication between Site Engine and ExtremeCloud IQ. Site Engine reports firmware versions change of stack to ExtremeCloud IQ.
CFD-12406 (03005505, 02973850)	Resolved an issue where Captive Web Portal users can sponsor themselves using Emails with domain not listed in the Approver Email Domain List.

Table 3: Addressed Issues in 25.1.0.149 (continued)

Issue ID	Description
CFD-12404 (03007463)	Exported VIQ files are ineligible for download when no license is available or a trial license is being used. Updated the text and tooltip to reflect this.
CFD-12403 (0300557)	Resolved an issue where observer accounts are not able to search for client devices intermittently.
CFD-12381 (03005806)	Resolved an issue where filtering by location in Top Applications was not working.
CFD-12368 (02984333)	Resolved an issue when an AP was onboarded via importing CSV with static IP address parameters, the Static IP address of Mgt interface changes to DHCP client after onboard.
CFD-12324 (02996594)	Resolved an issue where the client received an error when performing an override on the SSID Broadcast Name for a newly onboarded AP5020 device.
CFD-12289 (02997315, 03009166)	Resolved an issue where ExtremeCloud IQ does not detect the customer's Chromebook with OS versions 115-126.
CFD-12268 (02996190)	Resolved an issue where resetting an ExtremeWireless WiNG AP to factory defaults would also remove it from ExtremeCloud IQ.
CFD-12246 (02996262)	Resolved an issue where enabling OFDMA in an AX 6GHz radio profile, the change did not save.
CFD-12232 (02995394)	Resolved an issue where the number of unknown clients was inconsistent between the **Manage** > **Devices** > **Monitoring** > **Overview** and **Clients** pages.
CFD-12122 (02971947)	Resolved an issue with ExtremeGuest Essentials where active clients did not match active users due to multiple connect and disconnect calls.
CFD-12111 (02988407)	Removed public-facing API calls for device vlan-attributes that were intended for internal use.
CFD-12102 (02966263)	Resolved an issue when a portAssignment is saved under certain conditions, a new entry in the database is created, instead of updating the old one causing the foreign key exception.
CFD-12062 (02986083)	• Data Center Name: G2R1 Redirector • Host: qa-redirector.extremecloudiq.com • Switch Connection Host: g2r1.qa.xcloudiq.com • CAPWAP Master Host: g2r1-cwpm-01.qa.xcloudiq.com • CAPWAP Server Hosts: g2r1-cws-1.qa.xcloudiq.com,g2r1-cws-0.qa.xcloudiq.com • Firewall Configuration Guide: https://extremecloudiq.com/support/G2R1.html • Build ID: 2024-11-08-12.41.01 Build Version: 24.7.0.71 • VIQ ID: 65522
CFD-12025 (02974058)	Resolved an issue where AP302Ws added to ExtremeCloud IQ with older versions of release images (10.3r2 or older), the device function column in ExtremeCloud IQ is not set as ApAsrouter.

Table 3: Addressed Issues in 25.1.0.149 (continued)

Issue ID	Description
CFD-11919 (02976535)	Resolved an issue where PPSK users were not being removed from the back end after expiration. Now, when the user is expired AND the **Delete Credentials** option is enabled, the user/key is removed from both the front end and back end, disallowing reuse of the credentials.
CFD-11896 (02969095, 02979477)	Resolved an issue where customers were unable to add APs to the Cloud Config Group.
CFD-11889 (02969862)	Resolved an issue where the customer was unsure if client details were accurate. For example, between **Manage** > **Clients** > **Client Mac** and **Manage** > **Devices** > **Clients** > **Client Mac**.
CFD-11883 (02965294)	Resolved an issue where non-default radio profiles were showing a value in the **Used By** column even when not assigned. **Note:** This does not affect default radio-profiles, which still shows a **Used By** value even when removed from a device or template. There is no workaround for this.
CFD-11862 (02974419)	Resolved an issue with SSID sorting in the devices/radio-information API to match the output of the **show interface** command.
CFD-11842 (02969888)	Resolved an issue where a customer was unable to export/import ExtremeCloud IQ to a new RDC.
CFD-11783 (02969413)	Resolved an issue where a customer was experiencing clients, under specific circumstances, authenticating to a WPA3 802.1x SSID with Open Authentication and no challenge.
CFD-11761 (02968791, 03013808)	Removed links to **Need Help** for Copilot Anomalies to YouTube due to XSS security concerns.
CFD-11031 (02911374)	Resolved an issue where application data sent by WING access points was not being included in the **Applications** data.
CFD-10296 (02860251, 03039405)	Resolved an issue where AP5010 Delta configurations cannot be generated.
XESS-151	Resolved an issue with false rogue alarms.
XIQ-37170	Resolved an issue with the SSID Override when editing multiple APs at the same time.
XIQ-36642	Resolved an issue where orphaned devices were reported as connected. Orphaned devices are now reported to Site Engine version 25.2.10 and newer.
XIQ-36545	Resolved an issue where wireless client details and statistics were stale when connected to WiNG through NX5500 and NX7500 controllers.
XIQ-36481	Resolved an issue where creating a Link Aggregation Group on 5320/5420/5520/5720 switches using Universal ports would not work, regardless of whether stacking was enabled on those port.

Table 3: Addressed Issues in 25.1.0.149 (continued)

Issue ID	Description
XIQ-35451	Resolved an issue where some access points radios in the new maps were shown as disabled and they still showed connected clients.
XIQ-35211	Reverted the fix for another radio issue that caused a CLI push error.
XIQ-34763	Resolved an issue where disconnected clients were incorrectly displayed in the **Healthy** tab under **Manage** > **Clients**.
XIQ-34252	Previously, ExtremeCloud IQ showed two different Japan country codes (4014 and 392). Now, the standard country code for Japan is 392, with backward compatibility maintained for legacy IQ Engine versions.

Known Issues in 25.1.0

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

Table 4: Known Issues in 25.1.0

Issue ID	Description
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.
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	If a template has a Link Aggregation Group with ports from different slots, trying to enable Instant Port Profile or Instant Secure Port on the Link Aggregation Group from the template view of a slot that does not contain the master port results in the feature not getting enabled on the master port. The delta is not properly generated. This limitation applies to a preexisting Link Aggregation Group in the template, or when creating a new Link Aggregation Group, and might result in the failure to enable features like node alias or Instant Port Profile on all Link Aggregation Group member ports.
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 4: Known Issues in 25.1.0 (continued)

Issue ID	Description
XIQ-33103	The **AFC View** on the **Manage Device** page displays *qualified* AFC-governed 6 GHz access points. This feature requires version 10.7.2 or higher. If access points are initially onboarded directly from the **AFC View** and have firmware below the minimum required version, they do not appear on the **AFC View**. After upgrade to the minimum required version, the qualified access points appear in the **AFC View**.
XIQ-32459	The ExtremeCloud IQ deployment API HTTP Success status code changed from 200 to 202.
XIQ-31639	The IoT heat map is always shown, regardless of whether an IoT profile is configured on the AP. There is no status for IoT radios in the API.
XIQ-31601	When new perimeter is added or modified from the **Planning** page; it 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 not showing error when aggregation is enabled with rate-limit configuration.
XIQ-20909	When configuring 6 GHz 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 minimum speed and half duplex transmission mode for eth0, rebooting after some time, and then 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	Occasionally, APs are not deleted from ExtremeCloud IQ, but are deleted from ExtremeCloud IQ Controller.
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. This is done by placing the sCLI code at the top of the command structure in the audit. 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.

Table 4: Known Issues in 25.1.0 (continued)

Issue ID	Description
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-5700	Client Trial showed only the currently connected AP when the client roamed to a different AP from the onboarded ExtremeCloud IQ Controller.
CFD-12226 (02995025) XMAPP-1689	ExtremeCloud IQ v24.5.0.65 supports XIQ Mobile Application (v12.1). Mobile Application prompts the user to upgrade. Customers must upgrade to Mobile Application v12.1 to authenticate. **Important:** If users skip the Mobile Application upgrade, they will not be able to login to ExtremeCloud IQ using the previous Mobile Application version. • Mobile App (v12.1) has been released in Apple Store (iOS) and Play Store (Android). • Mobile App users are prompted to upgrade to the new version upon launching the App. • Mobile App forces an upgrade after 7 days.
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 4: Known Issues in 25.1.0 (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

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 10.11.01	Monitor only
E2120	XIQC 10.11.01	Monitor only
E2122	XIQC 10.11.01	Monitor only
E3120	XIQC 10.11.01	Monitor only
E3125	XIQC 10.11.01	Monitor only
VE6120	XIQC 10.11.01	Monitor only
VE6120H	XIQC 10.11.01	Monitor only
VE6120K	XIQC 10.11.01	Monitor only
VE6125	XIQC 10.11.01	Monitor only
VE6125K	XIQC 10.11.01	Monitor only
NX5500	WiNG OS 7.9.5.0	Monitor only
NX7500 Series	WiNG OS 7.9.5.0	Monitor only
NX9500 Series	WiNG OS 7.7.1.9	Monitor only
NX9600 Series	WiNG OS 7.9.5.0	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 7.9.5.0	Monitor only

Access Points

Access Point information is provided in the following sections:

Universal Hardware

Device Model	Latest Supported Release	Comments
AP302W	IQ Engine 10.7.5 WiNG OS 7.9.5.0 AP 10.11.1	Platform support introduced with IQ Engine 10.3.1
AP305C	IQ Engine 10.7.5 WiNG OS 7.9.5.0 AP 10.11.1	Platform support introduced with IQ Engine 10.1.1
AP305C-1	IQ Engine 10.7.5 WiNG OS 7.9.5.0 AP 10.11.1	Platform support introduced with IQ Engine 10.4.6
AP305CX	IQ Engine 10.7.5 WiNG OS 7.9.5.0 AP 10.11.1	Platform support introduced with IQ Engine 10.1.1
AP3000	IQ Engine 10.7.5 AP 10.11.1	Platform support introduced with IQ engine 10.6.1
AP3000X	IQ Engine 10.7.5	Platform support introduced with IQ Engine 10.6.1
AP4000	IQ Engine 10.7.5 AP 10.11.1	Platform support introduced with IQ Engine 10.4.1
AP4000-1	IQ Engine 10.7.5 AP 10.11.1	Platform support introduced with IQ Engine 10.4.2
AP410C	IQ Engine 10.7.5 WiNG OS 7.9.5.0 AP 10.11.1	Platform support introduced with IQ Engine 10.1.2
AP410C-1	IQ Engine 10.7.5 WiNG OS 7.9.5.0 AP 10.11.1	Platform support introduced with IQ Engine 10.4.6

Device Model	Latest Supported Release	Comments
AP460C	IQ Engine 10.7.5 WiNG OS 7.9.5.0 AP 10.11.1	Platform support introduced with IQ Engine 10.1.2
AP460S6C	IQ Engine 10.7.5 WiNG OS 7.9.5.0 AP 10.11.1	Platform support introduced with IQ Engine 10.1.2
AP460S12C	IQ Engine 10.7.5 WiNG OS 7.9.5.0 AP 10.11.1	Platform support introduced with IQ Engine 10.1.2
AP5010	IQ Engine 10.7.5 WiNG OS 7.9.5.0 AP 10.11.1	Platform support introduced with IQ Engine 10.5.1
AP5020	IQ Engine 10.7.5 AP 10.11.1	Platform support introduced with IQ Engine 10.7.2
AP5050U	IQ Engine 10.7.5 AP 10.11.1	Platform support introduced with IQ Engine 10.5.3
AP5050D	IQ Engine 10.7.5 AP 10.11.1	Platform support introduced with IQ Engine 10.5.3
AP510C/CX	IQ Engine 10.7.5	Platform support introduced with IQ Engine 10.0.8

IQ Engine (Cloud Native)

Device Model	Latest Supported Release	Comments
AP630	IQ Engine 10.7.5	Platform support introduced with IQ Engine 10.0.1. End of Life Information
AP650	IQ Engine 10.7.5	Platform support introduced with IQ Engine 10.0.1. End of Life Information
AP650X	IQ Engine 10.7.5	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
AP550	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 7.0.3. End of Life Information
AP390	IQ Engine 6.5.16	End of Life Information
AP370	IQ Engine 6.5.16	End of Life Information
AP350	IQ Engine 6.5.16	End of Life Information
AP340	IQ Engine 6.5.10	End of Life Information

Device Model	Latest Supported Release	Comments
AP330	IQ Engine 6.5.16	End of Life Information
AP320	IQ Engine 6.5.10	End of Life Information
AP250	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 7.0.2.
AP245X	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 7.0.2. End of Life Information
AP230	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.2.1. End of Life Information
AP170	IQ Engine 6.5.16	End of Life Information
AP150W	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.1.1. End of Life Information
AP141	IQ Engine 6.5.16	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.
AP122X	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.2.1. End of Life Information
AP121	IQ Engine 6.5.16	End of Life Information
AP120	IQ Engine 6.5.10	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 7.9.5.0	Monitor only
AP560h	WiNG OS 7.9.5.0	Monitor only
AP505	WiNG OS 7.9.5.0	Monitor only
AP510i	WiNG OS 7.9.5.0	Monitor only
AP510i-1	WiNG OS 7.9.5.0	Monitor only
AP460i/e	WiNG OS 7.9.5.0	Monitor only
AP410i/e	WiNG OS 7.9.5.0	Monitor only
AP410i-1	WiNG OS 7.9.5.0	Monitor only
AP360i/e	WiNG OS 7.9.5.0	Monitor only
AP310i/e	WiNG OS 7.9.5.0	Monitor only
AP310i/e-1	WiNG OS 7.9.5.0	Monitor Only
AP3000	WiNG OS 7.9.5.0	Monitor Only

Device Model	Latest Supported Release	Comments
AP8533	WiNG OS 7.7.1.9	Monitor only
AP8432	WiNG OS 7.7.1.9	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 7.7.1.9	Monitor only
AP7632	WiNG OS 7.7.1.9	Monitor only
AP7622	WiNG OS 5.9.7.1	Monitor only
AP7612	WiNG OS 7.7.1.9	Monitor only
AP7602	WiNG OS 5.9.7.1	Monitor only
AP7562	WiNG OS 7.7.1.9	Monitor only
AP7532	WiNG OS 7.7.1.9	Monitor only
AP7522	WiNG OS 7.7.1.9	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 29
- ExtremeXOS on page 44
- VOSS on page 49
- IQ Engine (Cloud Native) on page 25
- Dell EMC on page 51

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	• 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
4220-12T-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.
4220-24P-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
4220-24T-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.
4220-48P-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	• 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
4220-4MW-8P-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.
4220-8MW-40P-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
4220-8X	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-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
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.

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
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

Device Model	Latest Supported Release	Standalone Support	Stack Support
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.

IQ Engine (Cloud Native)

Device Model	Latest Supported Release	Comments
AP630	IQ Engine 10.7.5	Platform support introduced with IQ Engine 10.0.1. End of Life Information
AP650	IQ Engine 10.7.5	Platform support introduced with IQ Engine 10.0.1. End of Life Information
AP650X	IQ Engine 10.7.5	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
AP550	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 7.0.3. End of Life Information
AP390	IQ Engine 6.5.16	End of Life Information
AP370	IQ Engine 6.5.16	End of Life Information
AP350	IQ Engine 6.5.16	End of Life Information
AP340	IQ Engine 6.5.10	End of Life Information
AP330	IQ Engine 6.5.16	End of Life Information
AP320	IQ Engine 6.5.10	End of Life Information
AP250	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 7.0.2.

Device Model	Latest Supported Release	Comments
AP245X	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 7.0.2. End of Life Information
AP230	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.2.1. End of Life Information
AP170	IQ Engine 6.5.16	End of Life Information
AP150W	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.1.1. End of Life Information
AP141	IQ Engine 6.5.16	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.
AP122X	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.2.1. End of Life Information
AP121	IQ Engine 6.5.16	End of Life Information
AP120	IQ Engine 6.5.10	End of Life Information
Atom AP30	IQ Engine 10.6.1a	Platform support introduced with IQ Engine 8.3.2. End of Life Information

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
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

Device Model	Latest Supported Release
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
BR200WP End of Life	IQ Engine 6.9.7	
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
23.11.12	• License allocation • Device Assignment to the ExtremeCloud IQ Location • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine without SSO • Stack members • NAC details update for wireless end-systems
24.2.10	• License allocation • Device Assignment to the ExtremeCloud IQ Location • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine without SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ
24.2.11	• License allocation • Device Assignment to the ExtremeCloud IQ Location • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine without SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ
24.2.12	• License allocation • Device Assignment to the ExtremeCloud IQ Location • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine without SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ

ExtremeCloud IQ Site Engine Version	Supported Features
24.2.13	• License allocation • Device Assignment to the ExtremeCloud IQ Location • Device Statistics • Port Statistics • Unmanage/Manage device • Device Group to CCG mapping • Open Site Engine without SSO • Stack members • NAC details update for wireless end-systems • Wired end-systems reported to ExtremeCloud IQ
24.02.14	• 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
24.02.15	• 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
24.07.10	• 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

ExtremeCloud IQ Site Engine Version	Supported Features
24.07.11	• 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
24.10.10	• 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

ExtremeCloud IQ Site Engine Version	Supported Features
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 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

*beta support from 10.4

**beta support from 10.5.1

ExtremeCloud A3

ExtremeCloud A3 Version	Supported Features
5.0.1-4	• Licensing • Status Monitoring • SSO • Client Details

Supported Browsers and Display Settings

Desktop and Mobile Browser Support

> **Note**
> ExtremeCloud IQ does not support 32-bit browsers.

Table 5: Desktop Browsers

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

Table 6: 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.