

Starting with ExtremeCloud IQ – Site Engine Air Gap Deployment

Quick Guide

Abstract: This document describes the necessary steps the admin should accomplish before the ExtremeCloud IQ – Site Engine can be used in air gap deployment mode.

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Introduction

There are two deployment scenarios available for ExtremeCloud IQ – Site Engine:

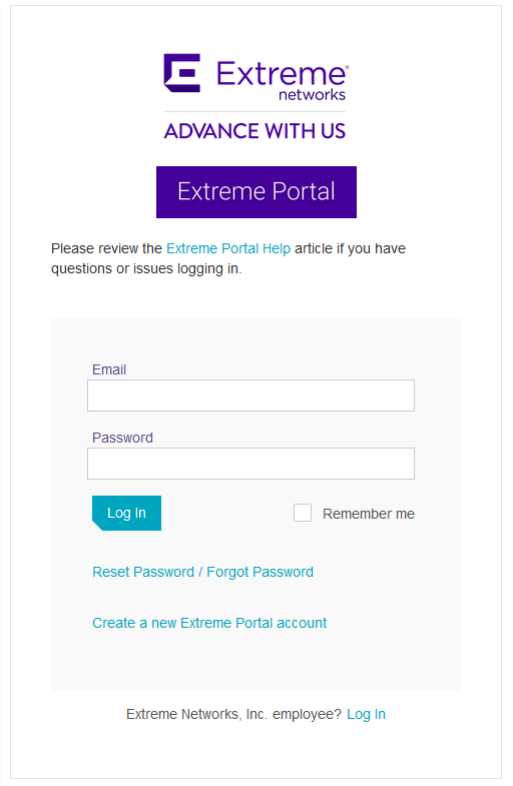
- Connected deployment mode:
 - Internet connectivity is required
 - ExtremeCloud IQ is a licensing authority
 - ExtremeCloud IQ – Site engine is integrated with ExtremeCloud IQ
- Air gap deployment mode:
 - Internet connectivity is not required
 - License file needs to be generated
 - Benefits of ExtremeCloud IQ are not available

There are the following steps:

- Download the installation package of ExtremeCloud IQ – Site Engine.
- Install the ExtremeCloud IQ – Site Engine.
- Generate a license file from Extreme Portal.
- Insert the license file to the ExtremeCloud IQ – Site Engine.

Downloading ExtremeCloud IQ – Site Engine

1. Login to the [Extreme Portal](#)



Extreme networks
ADVANCE WITH US
Extreme Portal

Please review the [Extreme Portal Help](#) article if you have questions or issues logging in.

Email
Password

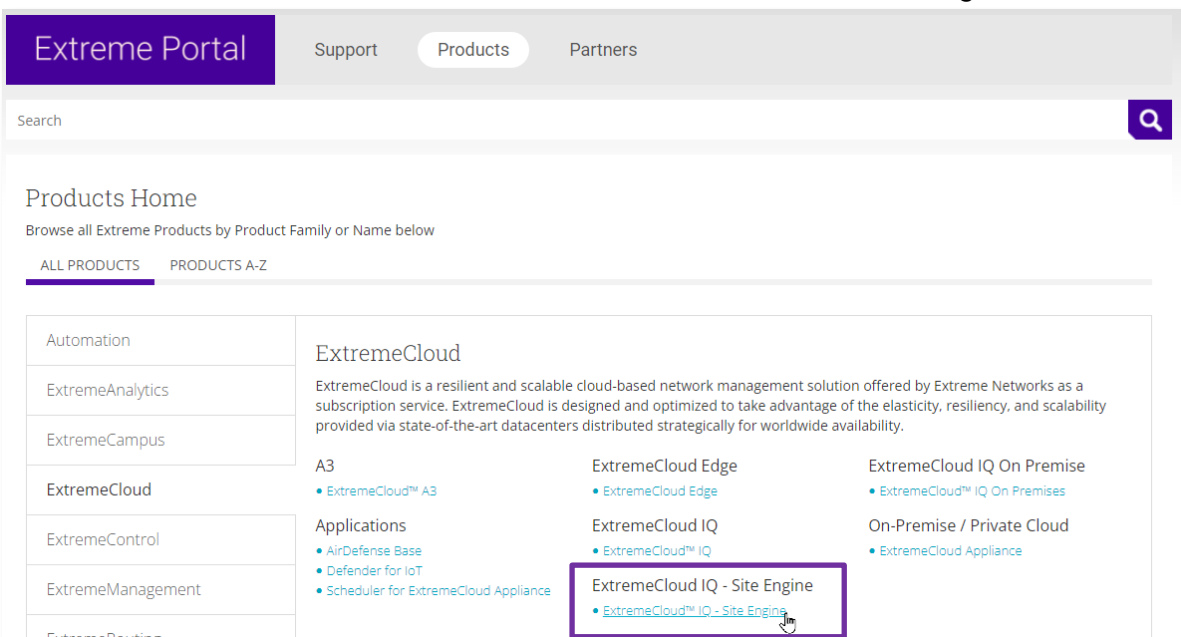
Log In Remember me

[Reset Password / Forgot Password](#)

[Create a new Extreme Portal account](#)

Extreme Networks, Inc. employee? [Log In](#)

2. Select Products -> ExtremeCloud -> ExtremeCloud IQ – Site Engine



Extreme Portal Support Products Partners

Search

Products Home

Browse all Extreme Products by Product Family or Name below

ALL PRODUCTS PRODUCTS A-Z

Automation	ExtremeCloud ExtremeCloud is a resilient and scalable cloud-based network management solution offered by Extreme Networks as a subscription service. ExtremeCloud is designed and optimized to take advantage of the elasticity, resiliency, and scalability provided via state-of-the-art datacenters distributed strategically for worldwide availability.	ExtremeCloud Edge	ExtremeCloud IQ On Premise	
ExtremeAnalytics		A3	ExtremeCloud IQ	
ExtremeCampus		• ExtremeCloud™ A3	• ExtremeCloud Edge	• ExtremeCloud™ IQ On Premises
ExtremeCloud		Applications	• ExtremeCloud™ IQ	On-Premise / Private Cloud
ExtremeControl		• AirDefense Base	• ExtremeCloud™ IQ - Site Engine	• ExtremeCloud Appliance
ExtremeManagement		• Defender for IoT		
ExtremeRouting		• Scheduler for ExtremeCloud Appliance		

3. Select the version and the component (start with XIQ-SE)

Extreme Portal Support Products Partners

Search

+ Automation
+ ExtremeAnalytics
+ ExtremeCampus
- ExtremeCloud
+ A3
+ Applications
+ ExtremeCloud Edge
+ ExtremeCloud IQ
- ExtremeCloud IQ - Site Engine
- ExtremeCloud™ IQ - Site Engine
+ ExtremeCloud IQ On Premise
+ On-Premise / Private Cloud
+ ExtremeControl
+ ExtremeManagement
+ ExtremeRouting
+ ExtremeSwitching
+ ExtremeVisibility
+ ExtremeWireless

ExtremeCloud™ IQ - Site Engine

ExtremeCloud IQ - Site Engine, part of the ExtremeCloud IQ suite of products and services, is a cloud-connected, scalable SaaS management solution that provides you with task automation, access control, granular visibility with real-time analytics, and multi-vendor device management across your networks. ExtremeCloud IQ - Site Engine offers you all the features and functionality of Extreme Management Center, now with real-time flexibility and reduced time-to-benefit, all for the convenience and low cost of one license application.

SOFTWARE / RELEASE NOTES DOCUMENTATION ACTIVATION INSTRUCTIONS

License Dependency

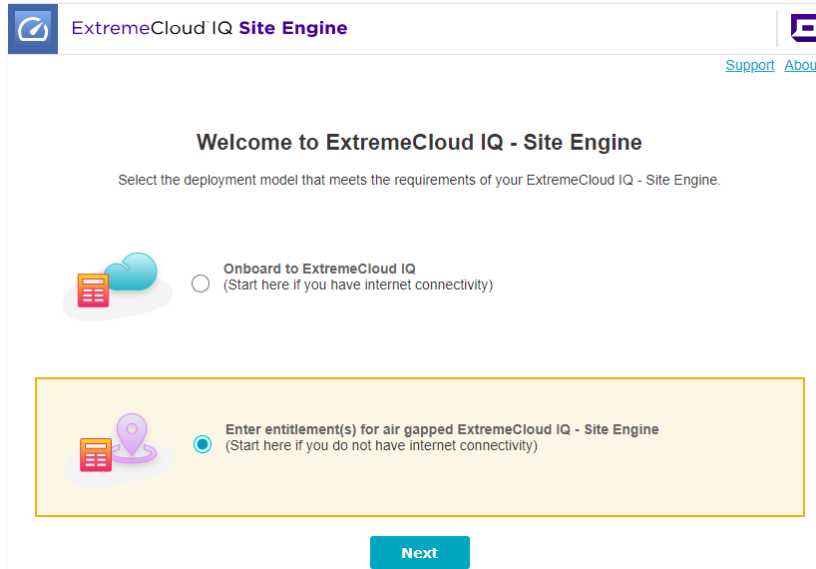
Software & Downloads

Download / Release Name	File Size	Release Type	Release Date	EOVM Date	Tags	Link
21.11.10.57.Analytics		Major	10.12.2021			
21.11.10.57.Control		Major	10.12.2021			
21.11.10.57.Fabric Mgr		Major	10.12.2021			
21.11.10.57.XIQ-SE		Major	10.12.2021			

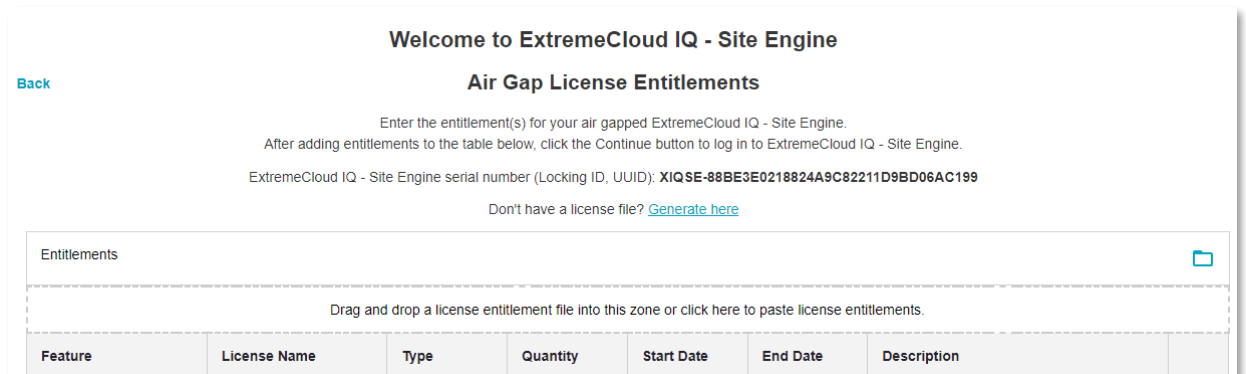
4. Download the file (Hyper-V appliance or VMware appliance or ISO image)
5. Deploy the VM or boot the ISO

Installing ExtremeCloud IQ – Site Engine

1. Connect to the console of ExtremeCloud IQ – Site Engine and follow instructions. Answer questions required by the wizard.
2. Once the installation is completed navigate your web browser to **HTTPS://<IP-of-your-server>:8443** and login to ExtremeCloud IQ – Site Engine, accept the License Agreement
3. Select: Enter entitlement(s) for air gapped ExtremeCloud IQ – Site Engine



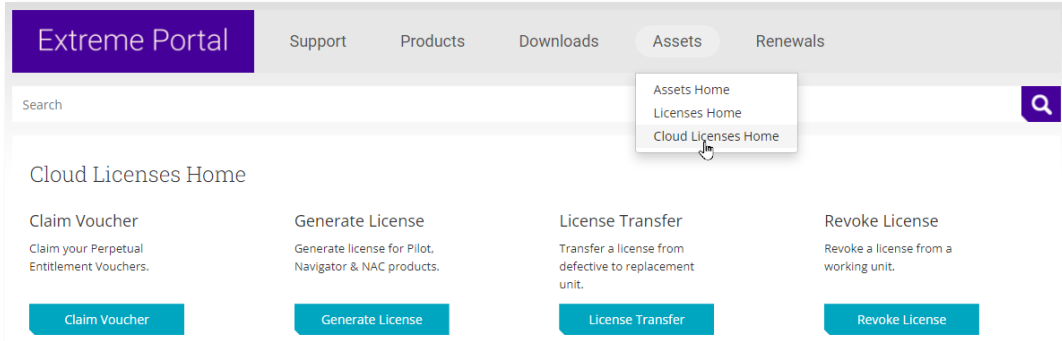
4. Copy the Serial Number (Locking ID)



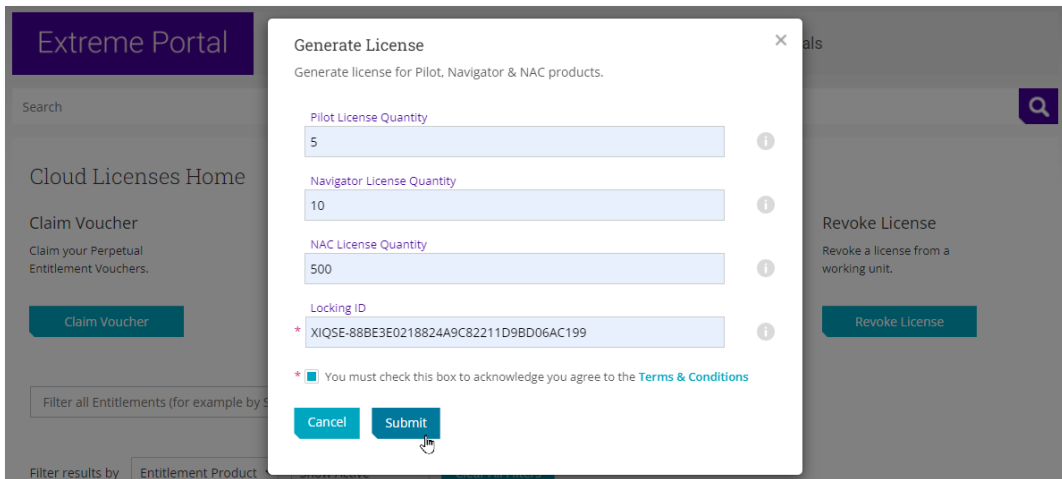
5. How to generate a license file is covered in the next chapter.

Generate a License File at Extreme Portal

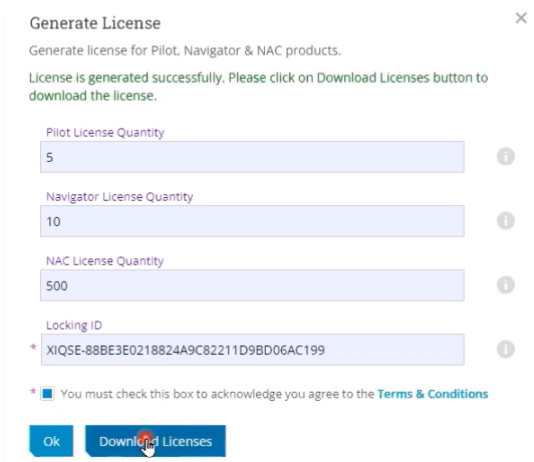
6. Login to the [Extreme Portal](#), navigate Assets > Cloud Licenses Home > Generate License




7. Fill the form and Submit






8. Download the license file



9. Return to the ExtremeCloud IQ – Site Engine and insert the license file.

Entitlements 

Drag and drop a license entitlement file into this zone or click here to paste license entitlements.

Feature	License Name	Type	Quantity	Start Date	End Date	Description	
PRD-XIQ-NAC-S	XIQ-NAC-S	Subscription	500	11/01/2021 01:00:00 AM	01/01/2022 12:59:00 AM	ExtremeCloud IQ - Site Engine - Access Control	
PRD-XIQ-PIL-S-C	XIQ-PIL-S-C	Subscription	5	11/01/2021 01:00:00 AM	01/01/2022 12:59:00 AM	ExtremeCloud IQ - Site Engine - Pilot	
PRD-XIQ-NAV-S-C	XIQ-NAV-S-C	Subscription	10	11/01/2021 01:00:00 AM	01/11/2022 12:59:00 AM	ExtremeCloud IQ - Site Engine - Navigator	

Displaying 3 rows

[Continue](#)

10. Multiple license files can be inserted one by one. Once all license files are inserted select Continue

First Steps With ExtremeCloud IQ – Site Engine

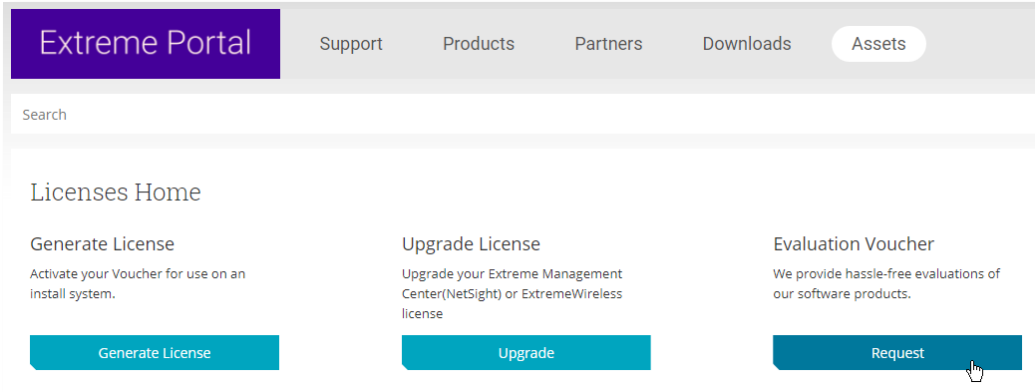
- Navigate your web browser to **HTTPS://<IP-of-your-server>:8443** and login with the account defined during the installation procedure.



- It is recommended to go through the [Initial Configuration Checklist](#)
- For the best user experience, it is recommended to add ExtremeCloud IQ – Site Engine as a device to the database. [Add Device](#) can be used.

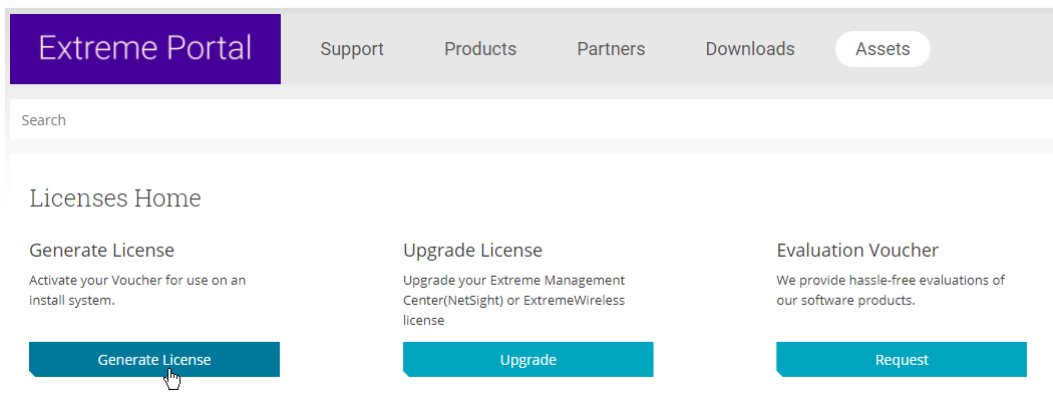
Evaluation License For ExtremeControl

1. Login to the [Extreme Portal](#)
2. Navigate to Assets -> Licenses Home -> Evaluation Voucher -> Request



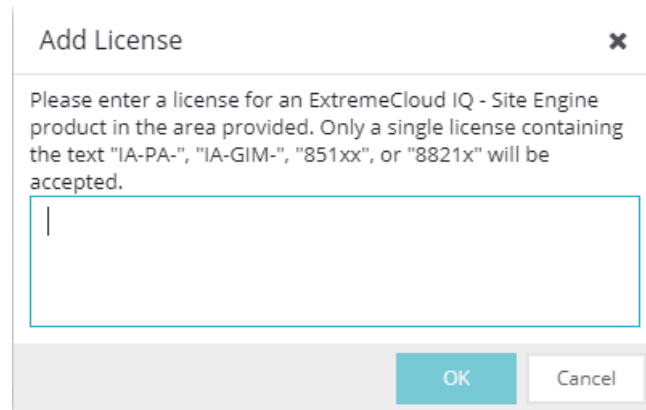
3. Select Product Family: ExtremeManagement, Product ExtremeControl – ExtremeCloud IQ-Site Engine, acknowledge the T&Cs

4. The voucher will be in your mailbox
5. Select Generate License



6. Follow the wizard to get a new license key

7. Login to ExtremeCloud IQ – Site Engine and select Administration > Licenses > Add...



The image shows a dialog box titled "Add License" with a close button (X) in the top right corner. The main text inside the dialog reads: "Please enter a license for an ExtremeCloud IQ - Site Engine product in the area provided. Only a single license containing the text 'IA-PA-', 'IA-GIM-', '851xx', or '8821x' will be accepted." Below this text is a large, empty text input field with a vertical cursor at the beginning. At the bottom of the dialog, there are two buttons: "OK" (highlighted in teal) and "Cancel" (in a light gray box).

8. Enter the license key and press OK

Additional Resources

User Guide online:

<https://emc.extremenetworks.com/>

Firewall settings:

https://emc.extremenetworks.com/content/oneview/r_used_ports.html

Release Notes:

<https://www.extremenetworks.com/support/release-notes/>