Starting with ExtremeCloud IQ – Site Engine version 21.11 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:
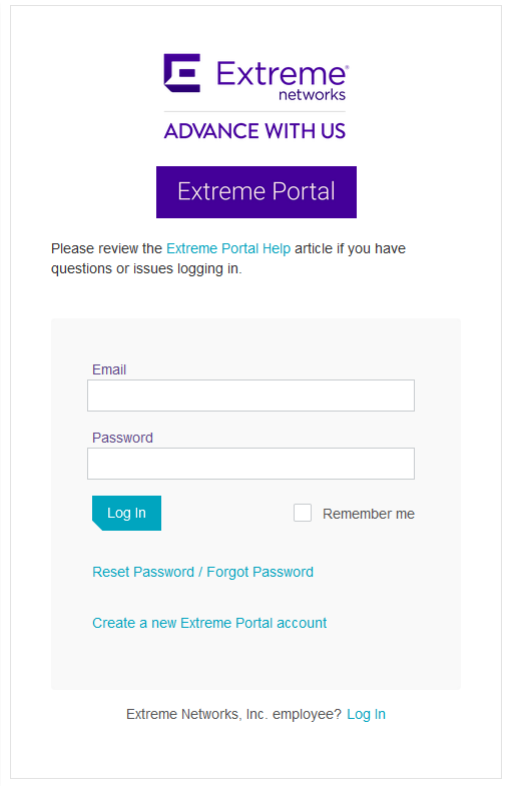- Connected deployment mode:
    - o Internet connectivity is required
    - o ExtremeCloud IQ is a licensing authority
    - o ExtremeCloud IQ – Site engine is integrated with ExtremeCloud IQ
- Air gap deployment mode:
    - o Internet connectivity is not required
    - o License file needs to be generated
    - o Benefits of ExtremeCloud IQ are not available
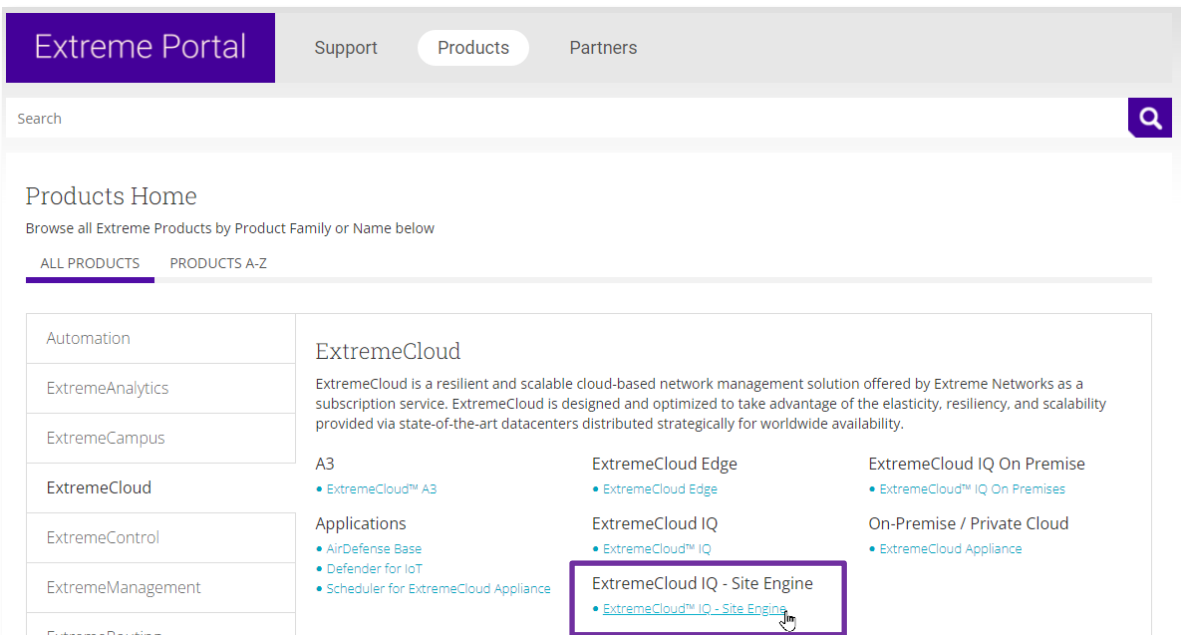
There are the following steps:
- Download the installation package of ExtremeCloud IQ – Site Engine.
- Install the ExtremeCloud IQ – Site Engine.
- Generate a license file from Extreme Portal.
- Insert the license file to the ExtremeCloud IQ – Site Engine.

Downloading ExtremeCloud IQ – Site Engine

1. Login to the Extreme Portal

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

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

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
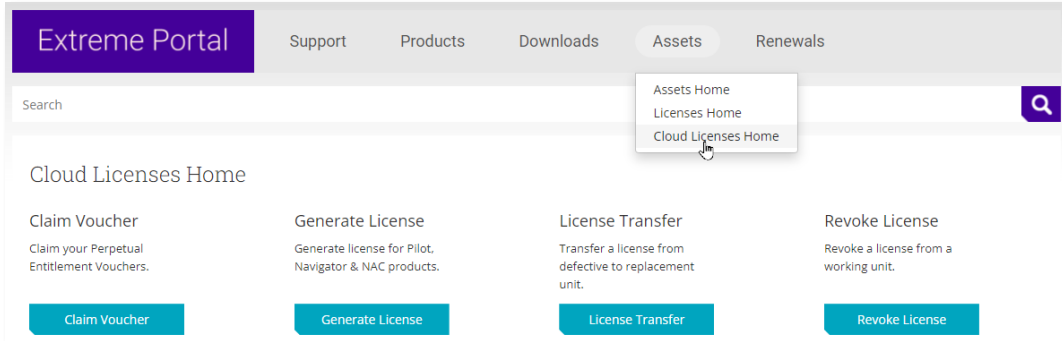3. Select: Enter entitlement(s) for air gapped ExtremeCloud IQ – Site Engine
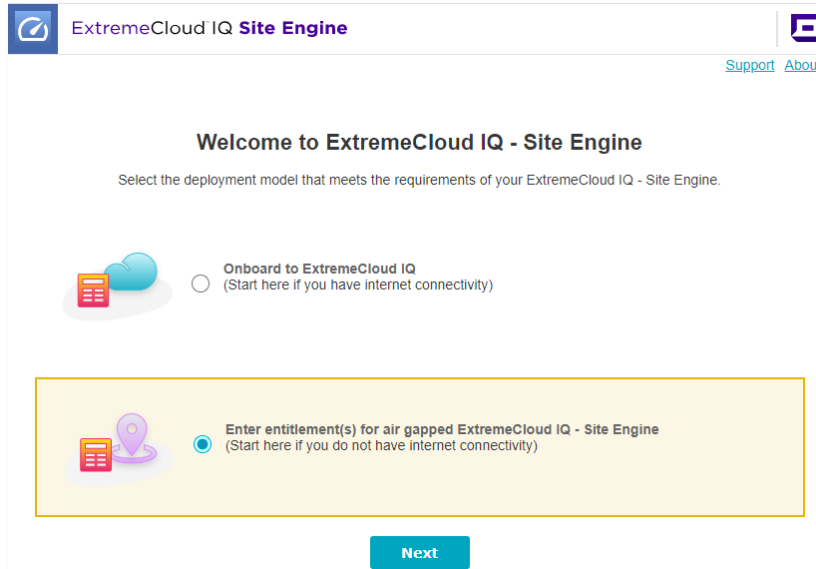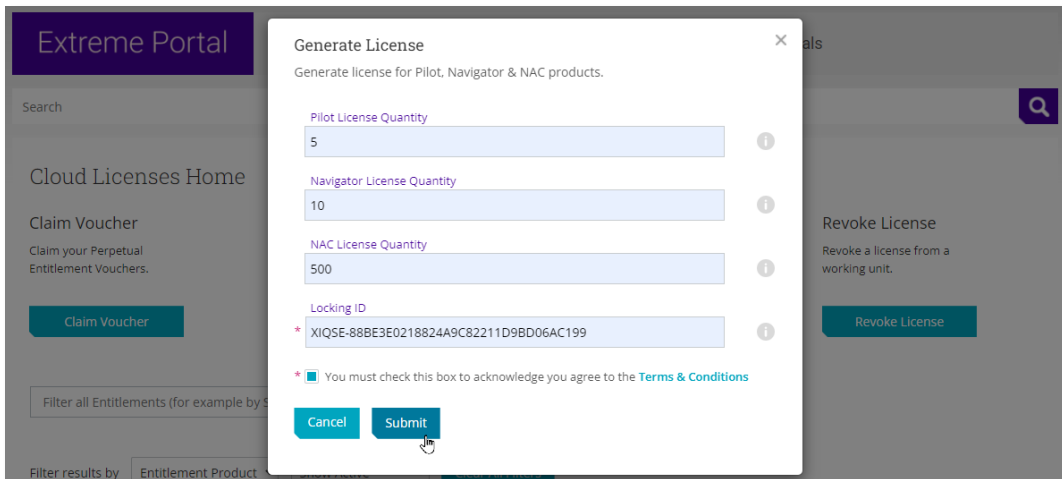

4. Copy the Serial Number (Locking ID)
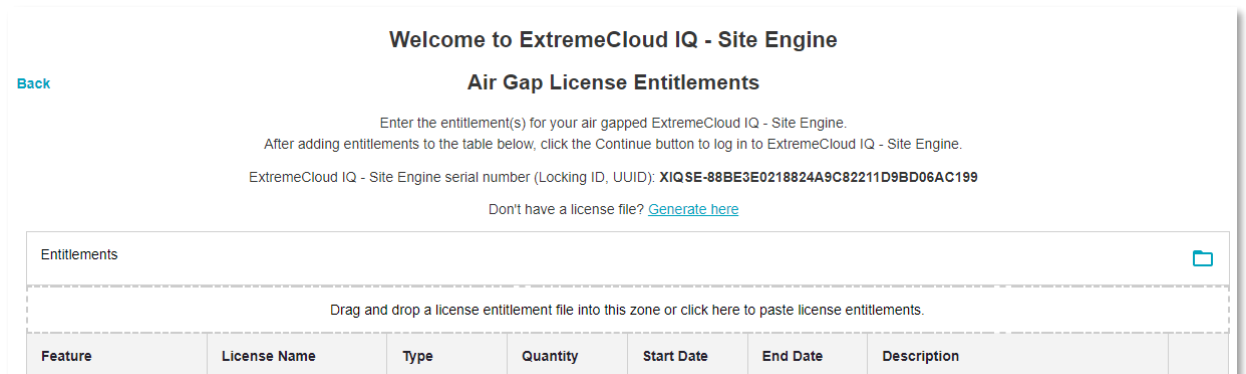
5. How to generate a license file is covered in the next chapter.

Generate a License File at Extreme Portal
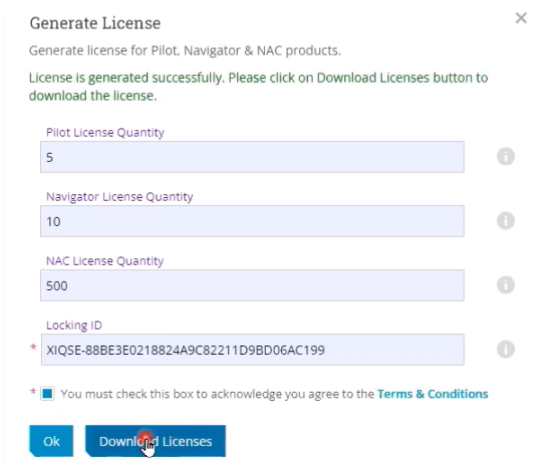
6. Login to the <u>Extreme Portal</u>, navigate Assets > Cloud Licenses Home > Generate License

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
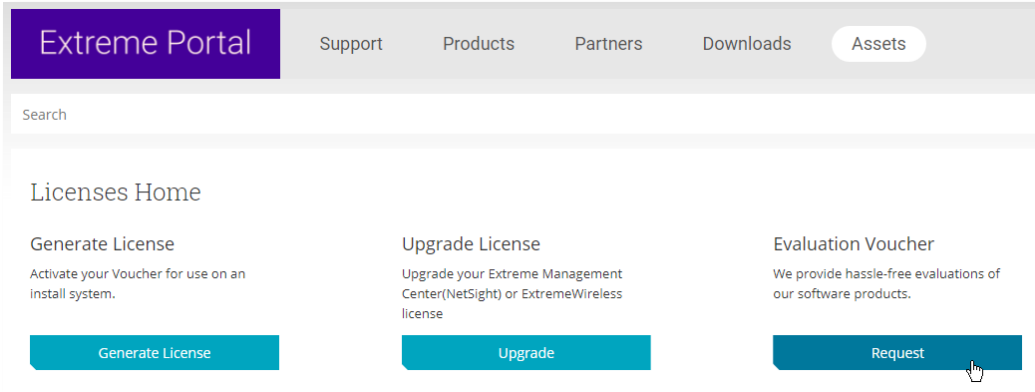
First Steps With ExtremeCloud IQ – Site Engine

- 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.
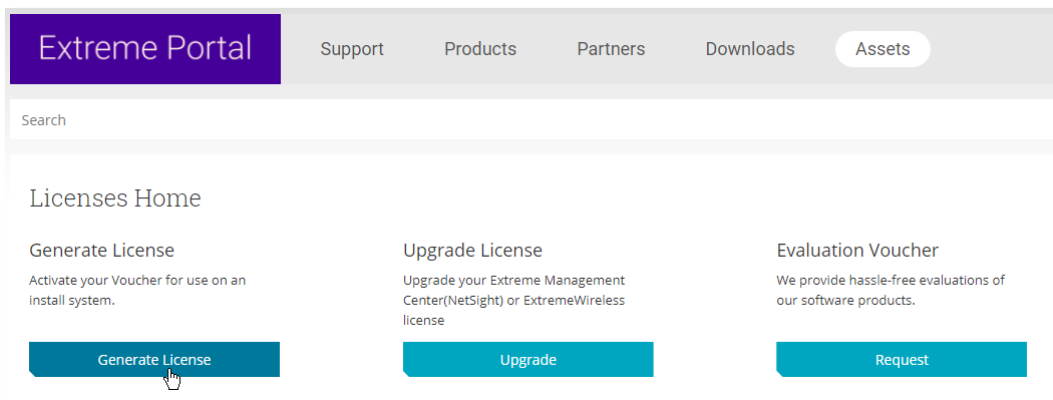
Evaluation License For ExtremeControl

1. Login to the Extreme Portal
2. Navigate to Assets -> Licenses Home -> Evaluation Voucher -> Request
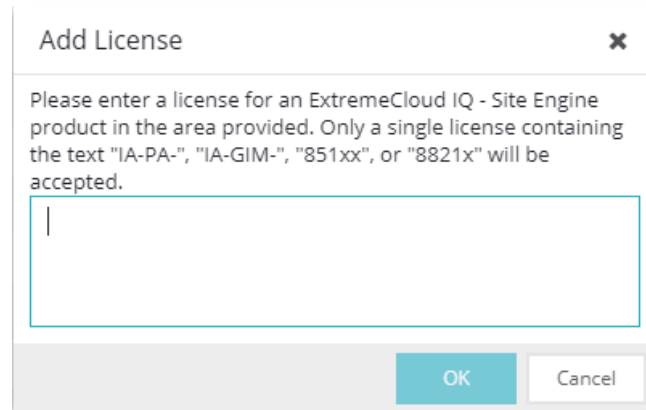

3. Select Product Family: ExtremeManagement, Product ExtremeControl – ExtremeCloud IQ-Site Engine, acknowledge the T&Cs

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…

Add License   ✖

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.

OK   Cancel

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/