

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
 - 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

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			٩
Products Home Browse all Extreme Products by Produc ALL PRODUCTS PRODUCTS A-Z	t Family or Name below		
Automation	ExtremeCloud		
ExtremeAnalytics	ExtremeCloud is a resilient and scalable subscription service. ExtremeCloud is d	e cloud-based network management soluti esigned and optimized to take advantage (on offered by Extreme Networks as a of the elasticity, resiliency, and scalability
ExtremeCampus	provided via state-of-the-art datacenter	s distributed strategically for worldwide av	vailability.
ExtremeCloud	 A3 ExtremeCloud™ A3 	ExtremeCloud Edge ExtremeCloud Edge	• ExtremeCloud™ IQ On Premise
ExtremeControl	Applications AirDefense Base 	ExtremeCloud IQ • ExtremeCloud™ IQ	On-Premise / Private Cloud • ExtremeCloud Appliance
ExtremeManagement	Defender for IoT Scheduler for ExtremeCloud Appliance	ExtremeCloud IQ - Site Engine • <u>ExtremeCloud™ IO - Site Engine</u>	

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

Quick Guide – Starting with ExtremeCloud IQ – Site Engine in Air Gap Deployment Mode

Extreme Portal	Support Products	Partners					
Search							Q
+ Automation + ExtremeAnalytics + ExtremeCampus - ExtremeCloud + A3 + Applications	ExtremeCloud™ IQ - ExtremeCloud IQ - Site Engine, pa management solution that provid multi-vendor device management ExtremeCloud IQ - Site Engine offe flexibility and reduced time-to-be	Site Engine rt of the ExtremeCloud es you with task autom across your networks. ers you all the features hefit, all for the conven	IQ suite of pro nation, access c and functional ience and low o	ducts and services ontrol, granular vi ity of Extreme Mar cost of one license	i, is a cloud-conn sibility with real-t nagement Center application.	ected, scala ime analyti r, now with i	ble SaaS cs, and real-time
+ ExtremeCloud Edge + ExtremeCloud IQ - ExtremeCloud IQ - Site Engine	SOFTWARE / RELEASE NOTES	DOCUMENTATION	ACTIVATION	INSTRUCTIONS		License	Dependency
 ExtremeCloud " IQ - Site Engine ExtremeCloud IQ On Premise On-Premise / Private Cloud 	Download / Release Name	File Size	Release Type	Release Date 🔻	EOVM Date	Tags	► Link ▲
+ ExtremeControl	C 21.11.10.57.Analytics		Major	10.12.2021			
+ ExtremeManagement + ExtremeRouting	Control		Major	10.12.2021			
+ ExtremeSwitching	Contemporary 21.11.10.57.Fabric Mgr		Major	10.12.2021			
+ ExtremeVisibility + ExtremeWireless	C 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.
- Once the installation is completed navigate your web browser to <u>HTTPS://<IP-of-your-server>:8443</u> 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)

Welcome to ExtremeCloud IQ - Site Engine									
Air Gap License Entitlements									
Enter the entitlement(s) for your air gapped ExtremeCloud IQ - Site Engine. After adding entitlements to the table below, click the Continue button to log in to ExtremeCloud IQ - Site Engine.									
	ExtremeCloud IQ - Site Engine serial number (Locking ID, UUID): XIQSE-88BE3E0218824A9C82211D9BD06AC199								
		Do	n't have a license fi	ile? Generate here					
Entitlements	Entitlements								
Drag and drop a license entitlement file into this zone or click here to paste license entitlements.									
Feature	License Name	Туре	Quantity	Start Date	End Date	Description			

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

Extreme Portal	Support	Products	Downloads	Assets Renewals	
Search				Assets Home Licenses Home Cloud Liçenses Home	٩
Cloud Licenses Home					
Claim Voucher	Generate Lic	ense	License T	ansfer Revoke License	
Claim your Perpetual Entitlement Vouchers.	Generate license Navigator & NAC	for Pilot, products.	Transfer a lic defective to r unit.	ense from Revoke a license from a eplacement working unit.	
Claim Voucher	Generate Li	cense	License	Transfer Revoke License	

7. Fill the form and Submit

Extreme Portal	Generate License Generate license for Pilot, Navigator & NAC products.	× als
Search	Pilot License Quantity	٩
Cloud Licenses Home Claim Voucher	Navigator License Quantity 10 NAC License Quantity	Revoke License
Entitlement Vouchers.	500 0 Locking ID * XIQSE-88BE3E0218824A9C82211D9BD06AC199 0	working unit.
Filter all Entitlements (for example by	* You must check this box to acknowledge you agree to the Terms & Conditions Cancel Submit	

8. Download the license file

Generate License	×
Generate license for Pilot, Navigator & NAC products.	
License is generated successfully. Please click on Download Licenses butto download the license.	n to
Pilot License Quantity	
5	0
Navigator License Quantity	
10	0
NAC License Quantity	
500	0
Locking ID	
* XIQSE-88BE3E0218824A9C82211D9BD06AC199	0
* 🔳 You must check this box to acknowledge you agree to the Terms & Condit	ions
Ok Downlend Licenses	

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

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Entitlements								
	Drag	g and drop a license en	titlement file into t	his zone or click here	to paste license en	titlements.		
Feature	License Name	Туре	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	ī	
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	Î	
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	Î	
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 <u>HTTPS://<IP-of-your-server>:8443</u> 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. <u>Add Device</u> can be used.

Evaluation License For ExtremeControl

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

Extreme Portal	Support	Products	Partners	Downloads	Assets
Search					
Licenses Home		ngunda Liannaa		Fuelue	tion Vouchar
Generate License Activate your Voucher for use on an install system.	U U Ce lic	pgrade LICENSe ograde your Extreme enter(NetSight) or Extr ense	Management emeWireless	EValua We provie our softw	tion voucner de hassle-free evaluations of are products.
Generate License		Upgrac	le		Request

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

Request Evaluation Voucher		×
Please choose the product that you would like t products below. Upon a successful request you steps to be taken to use the evaluation license a	to evaluate from the list of availab I may receive an email with the ne and enable your solution.	le xt
The ID you receive is an "Evaluation Voucher ID" processed, the Evaluation Voucher IDs will be at the "Voucher ID" column.	". After the request has been dded to the My Vouchers table, in	
Product Family		
* ExtremeManagement ~		
Product		
* ExtremeControl - ExtremeCloud IQ-Site Engi	ine 💙	
I would like to receive an email with the evalue The second sec	ation details agree to the Terms & Conditions	
Cancel Submit		

4. The voucher will be in your mailbox

5. Select Generate License

Extreme Portal	Support	Products	Partners	Downloads	Assets
Search					
Licenses Home					
Generate License	U	pgrade License		Evalu	lation Voucher
Activate your Voucher for use on an install system.	U Ce lic	ograde your Extreme enter(NetSight) or Ext eense	Management remeWireless	We pro our so	wide hassle-free evaluations of ftware products.
Generate License		Upgrad	de		Request

6. Follow the wizard to get a new license key

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



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/