



# ExtremeCloud™ Orchestrator v3.8.1 Release Notes

New Features, Supported Platforms, and Known Issues

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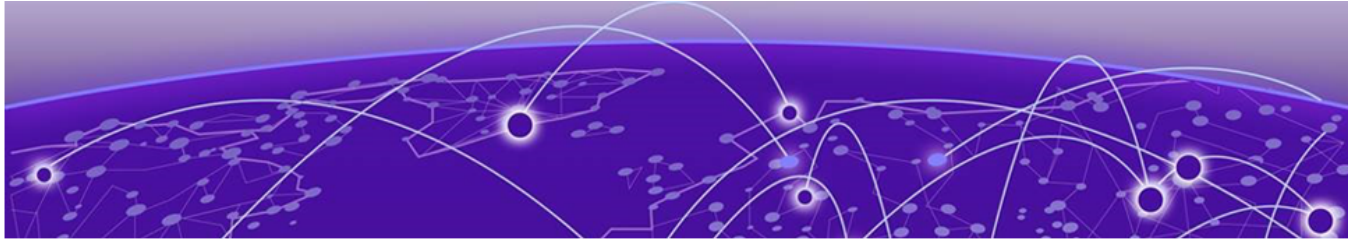
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# Abstract

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Release notes for ExtremeCloud™ Orchestrator version, 3.8.1 is a security patch release that includes updates to several components to address multiple vulnerabilities. Supported deployment models for fabric and visibility skills include server, Open Virtual Appliance (OVA), and TPVM across various versions. Upgrade procedures require removal of DNS entries from TPVM and resolv.conf, and uninterrupted management connectivity to external build servers. The release resolves a defect related to upgrade failure. Intended for network engineers, system administrators, and technical operations teams, the content assumes proficiency in SLX hardware, Ubuntu-based virtualization, and fabric/visibility skill integration in high-availability data center environments.



# Release Notes

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## New In This Release

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ExtremeCloud Orchestrator 3.8.1 is a security patch release. For information about XCO deployment, refer to the [ExtremeCloud Orchestrator Deployment Guide, 3.8.0](#).



### Note

In release 3.2.0 and later, Extreme Fabric Automation (EFA) is referred to as ExtremeCloud Orchestrator (XCO). The terms EFA and XCO refer to the same product and are used interchangeably.

For other additional information, see [Security Patch](#) on page 11 and [Defects Closed with Code Changes](#) on page 11.

## Supported Platforms and Deployment Models for Fabric Skill

Support includes Server, Open Virtual Appliance (OVA), and TPVM deployment models, supported TPVM versions, supported SLX-OS software versions, and supported SLX devices.



### Note

- OVA deployment model does not support HA.
- As a best practice, refer to the following Extreme validated support matrices for supported platforms and deployment models information.

**Table 1: Server Deployment Models**

XCO Version	Managed SLX Devices	Multi-Fabric Support	Ubuntu Server Version	Virtual Machine
3.4.x, 3.5.x, 3.6.x	More than 24	Yes	18.04 LTS and 20.04 LTS	<ul style="list-style-type: none"><li>• CPU: 4 cores</li><li>• Storage: 64 GB</li><li>• RAM: 8 GB</li></ul>
3.7.x, 3.8.x	More than 24	Yes	20.04 LTS and 22.04 LTS	<ul style="list-style-type: none"><li>• CPU: 4 cores</li><li>• Storage: 64 GB</li><li>• RAM: 8 GB</li></ul>

**Table 2: OVA Deployment Models**

XCO Version	Managed SLX Devices	Multi-Fabric Support	Ubuntu Version	Virtual Machine
3.4.x, 3.5.x, 3.6.x	More than 24	Yes	20.04 LTS	<ul style="list-style-type: none"><li>• CPU: 4 cores</li><li>• Storage: 64 GB</li><li>• RAM: 8 GB</li></ul>
3.7.x, 3.8.x	More than 24	Yes	22.04 LTS	<ul style="list-style-type: none"><li>• CPU: 4 cores</li><li>• Storage: 64 GB</li><li>• RAM: 8 GB</li></ul>

**Table 3: TPVM Deployment Models**

XCO Version	TPVM Deployment	Managed SLX Devices	Multi-Fabric Support	Ubuntu Version	Minimum SLX-OS Version
3.4.x, 3.5.x, 3.6.x	<ul style="list-style-type: none"><li>• SLX 9150</li><li>• SLX 9250</li><li>• SLX 9740</li><li>• Extreme 8520</li></ul>	Up to 24	Yes	20.04 LTS	20.5.2a

**Table 3: TPVM Deployment Models (continued)**

XCO Version	TPVM Deployment	Managed SLX Devices	Multi-Fabric Support	Ubuntu Version	Minimum SLX-OS Version
	<ul style="list-style-type: none"> <li>Extreme 8720</li> <li>Extreme 8820 (20.4.3 and later)</li> </ul>				
3.7.x	<ul style="list-style-type: none"> <li>SLX 9150</li> <li>SLX 9250</li> <li>SLX 9740</li> <li>Extreme 8520</li> <li>Extreme 8720</li> <li>Extreme 8820 (20.4.3 and later)</li> </ul>	Up to 24	Yes	22.04 LTS	20.6.3a
3.8.x	<ul style="list-style-type: none"> <li>SLX 9150</li> <li>SLX 9250</li> <li>SLX 9740</li> <li>Extreme 8520</li> <li>Extreme 8720</li> <li>Extreme 8820 (20.4.3 and later)</li> </ul>	Up to 24	Yes	22.04 LTS	20.7.1

**Table 4: TPVM Software Support**

XCO Version	TPVM Version	SLX-OS Version
3.4.0	4.6.6	20.5.3a
3.4.1	4.6.7	20.5.3a
3.4.2	4.6.8	20.5.3a
3.5.0	4.6.10	20.6.1
3.6.0	4.6.13, 4.6.14	20.6.2, 20.6.2a
3.7.0	4.6.17, 4.7.0	20.6.3a
3.8.0	4.7.4	20.7.1a
3.8.1	4.7.5	20.7.1a

**Table 5: IP Fabric Topology Matrix**

Device	SLX-OS Release	Leaf	Spine	Super Spine	Border Leaf	Small DC Fabric
SLX 9150	20.5.x, 20.6.x, 20.7.x	Yes				Yes
SLX 9250	20.5.x, 20.6.x, 20.7.x	Yes	Yes	Yes		Yes

**Table 5: IP Fabric Topology Matrix (continued)**

Device	SLX-OS Release	Leaf	Spine	Super Spine	Border Leaf	Small DC Fabric
SLX 9540	20.5.x, 20.6.x, 20.7.x	Yes			Yes	
SLX 9640	20.5.x, 20.6.x, 20.7.x				Yes	
SLX 9740	20.5.x, 20.6.x, 20.7.x		Yes	Yes	Yes	Yes
Extreme 8720	20.5.x, 20.6.x, 20.7.x	Yes	Yes	Yes	Yes	Yes
Extreme 8520	20.5.x, 20.6.x, 20.7.x	Yes			Yes	Yes
Extreme 8820	20.5.x, 20.6.x, 20.7.x		Yes		Yes	Yes



## Supported Platforms and Deployment Models for Visibility Skill

Support includes Server, OVA, and supported devices and software.



### Note

- Upgrade from XVM (Extreme Visibility Manager) to XCO is not supported.
- XCO supports only a fixed set of special characters for hostnames. Any additional characters configured in MLX or SLX are reconciled in XCO and can be edited or deleted. Any configuration name must start with an alphanumeric character and can contain a-z A-Z 0-9 \_ -.

**Table 6: Ubuntu Server Version**

XCO Version	Ubuntu Version	Virtual Machine
3.4.x, 3.5.x, 3.6.x	18.04 LTS and 20.04 LTS	Minimum: <ul style="list-style-type: none"> <li>• CPU: 4 cores</li> <li>• Storage: 128 GB</li> <li>• RAM: 8 GB</li> </ul> Recommended: <ul style="list-style-type: none"> <li>• CPU: 16 cores</li> <li>• Storage: 200 GB</li> <li>• RAM: 32 GB</li> </ul>
3.7.x, 3.8.x	20.04 LTS and 22.04 LTS	Minimum: <ul style="list-style-type: none"> <li>• CPU: 4 cores</li> <li>• Storage: 128 GB</li> <li>• RAM: 8 GB</li> </ul> Recommended: <ul style="list-style-type: none"> <li>• CPU: 16 cores</li> <li>• Storage: 200 GB</li> <li>• RAM: 32 GB</li> </ul>

**Table 7: OVA Deployment Models**

XCO Version	Ubuntu Version	Virtual Machine
3.4.x, 3.5.x, 3.6.x	20.04 LTS	Minimum: <ul style="list-style-type: none"> <li>• CPU: 4 cores</li> <li>• Storage: 64 GB</li> <li>• RAM: 8 GB</li> </ul>
3.7.x, 3.8.x	22.04 LTS	Minimum: <ul style="list-style-type: none"> <li>• CPU: 4 cores</li> <li>• Storage: 64 GB</li> </ul>

**Table 7: OVA Deployment Models (continued)**

XCO Version	Ubuntu Version	Virtual Machine
		<ul style="list-style-type: none"> <li>RAM: 8 GB</li> </ul>

**Table 8: Supported Devices and Software**

Device	Supported Software
Extreme 9920	Extreme 9920 software with the NPB application <ul style="list-style-type: none"> <li>21.1.2.x</li> <li>21.2.1.x</li> <li>21.2.2.x</li> </ul>
Extreme Routing MLX Series	<ul style="list-style-type: none"> <li>NetIron 6.3.00 patches</li> </ul>
Extreme Switching SLX 9140	<ul style="list-style-type: none"> <li>SLX-OS 18s.1.03 patches</li> </ul>
Extreme Switching SLX 9240	<ul style="list-style-type: none"> <li>SLX-OS 18s.1.03 patches</li> </ul>

## XCO Upgrade Prerequisites

Prerequisites for XCO upgrade process with the default gateway changed:

1. Ensure that no DNS configuration exists under TPVM config and resolv.conf.
2. Presence of management connectivity from SLX and TPVM to external build server image, wherein image is available during SLX and TPVM upgrade process.

If file/etc/ssh/sshd\_config is modified to non-default values, then manually readjust the following parameters:

- MaxStartups 30:30:100
- MaxAuthTries 6
- LoginGraceTime 120



### Note

The hardening script, extr-granite.py bundled with EFA 2.6.1 will not automatically modify the above mentioned parameters.

## Defects Closed with Code Changes

The following defect was closed in this release.

<b>Parent Defect ID:</b>	XCO-12804		
<b>Product:</b>	XCO Fabric Skill	<b>Reported in Release:</b>	XCO 3.7.1
<b>Symptom:</b>	Upgrade failure from XCO 3.7.0 to XCO 3.7.1.		
<b>Condition:</b>	Upgrade failure from XCO 3.7.0 to XCO 3.7.1 with an error "An error occurred while generating passwords for the database".		

## Open Defects

There are no open defects in this release.

## Security Patch

The following table lists the updated security components and vulnerabilities addressed in ExtremeCloud Orchestrator 3.8.1.

Component	Previous Version	Latest Version	Vulnerabilities
local-path-provisioner	0.0.30	0.0.31	<ul style="list-style-type: none"><li>• GHSA-v778-237x-gjrc</li><li>• CVE-2024-9143</li><li>• CVE-2024-45336</li><li>• CVE-2024-45341</li><li>• CVE-2024-45337</li></ul>
Coredns	1.12.0	1.12.1	<ul style="list-style-type: none"><li>• GHSA-93mq-9ffx-83m2</li><li>• GHSA-mh63-6h87-95cp</li><li>• GHSA-px8v-pp82-rcv</li><li>• GHSA-v778-237x-gjrc</li><li>• GHSA-qxp5-gwg8-xv66</li><li>• CVE-2024-45336</li><li>• CVE-2024-45341</li><li>• CVE-2025-22866</li><li>• CVE-2025-29786</li><li>• CVE-2025-30204</li><li>• CVE-2024-53259</li><li>• CVE-2024-45337</li><li>• CVE-2025-22870</li></ul>

Component	Previous Version	Latest Version	Vulnerabilities
mirrored-library-traefik	2.11.18	3.3.6	<ul style="list-style-type: none"><li>• GHSA-c6gw-w398-hv78</li><li>• GHSA-mh63-6h87-95cp</li><li>• GHSA-qxp5-gwg8-xv66</li><li>• CVE-2024-12797</li><li>• CVE-2024-13176</li><li>• CVE-2025-26519</li><li>• CVE-2024-45336</li><li>• CVE-2024-45341</li><li>• CVE-2025-22866</li><li>• CVE-2025-27144</li><li>• CVE-2025-30204</li><li>• CVE-2025-29923</li><li>• CVE-2025-22870</li></ul>
Others	NA	NA	<ul style="list-style-type: none"><li>• CVE-2025-32433</li><li>• CVE-2025-30211</li><li>• CVE-2025-31115</li></ul>



# Help and Support

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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.

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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.

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For immediate support: (800) 998 2408 (toll-free in U.S. and Canada) or 1 (408) 579 2800. For the support phone number in your country, visit [www.extremenetworks.com/support/contact](http://www.extremenetworks.com/support/contact).

Before contacting Extreme Networks for technical support, have the following information ready:

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

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