



ExtremeCloud™ Orchestrator v3.8.7 Release Notes

New Features, Supported Platforms, and Known Issues

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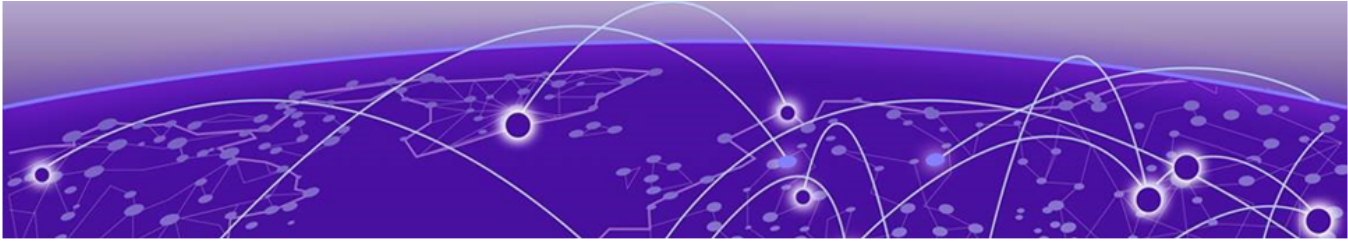
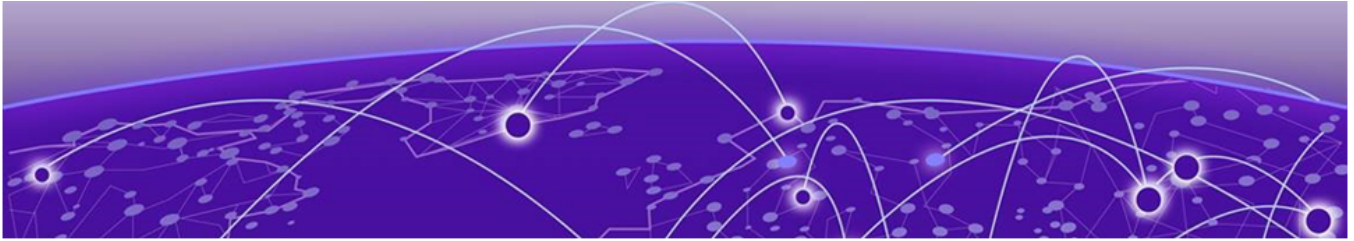


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Abstract

The release notes for ExtremeCloud™ Orchestrator version 3.8.7 presents a security-focused maintenance release that delivers critical updates to core orchestration components and addresses multiple CVEs. The document outlines supported deployment models—including Server, OVA, and TPVM—across validated Ubuntu and SLX-OS versions, with compatibility matrices for SLX and Extreme hardware platforms. Upgrade procedures emphasize DNS cleanup and persistent management connectivity. Visibility skill support, SSH hardening guidance, and hostname compliance rules are also covered. The content is tailored for technically proficient users managing multi-fabric orchestration in high-availability environments.



Release Notes

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New In This Release

ExtremeCloud Orchestrator 3.8.7 resolves issues through defect fixes and includes a critical security patch. 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 more information, see [Open Issues](#) on page 11 and [Security Patch](#) on page 12.

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"> • CPU: 4 cores • Storage: 64 GB • RAM: 8 GB
3.7.x, 3.8.x	More than 24	Yes	20.04 LTS and 22.04 LTS	<ul style="list-style-type: none"> • CPU: 4 cores • Storage: 64 GB • RAM: 8 GB

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"> • CPU: 4 cores • Storage: 64 GB • RAM: 8 GB
3.7.x, 3.8.x	More than 24	Yes	22.04 LTS	<ul style="list-style-type: none"> • CPU: 4 cores • Storage: 64 GB • RAM: 8 GB

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"> • SLX 9150 • SLX 9250 • SLX 9740 • Extreme 8520 	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"> Extreme 8720 Extreme 8820 (20.4.3 and later) 				
3.7.x	<ul style="list-style-type: none"> SLX 9150 SLX 9250 SLX 9740 Extreme 8520 Extreme 8720 Extreme 8820 (20.4.3 and later) 	Up to 24	Yes	22.04 LTS	20.6.3a
3.8.x	<ul style="list-style-type: none"> SLX 9150 SLX 9250 SLX 9740 Extreme 8520 Extreme 8720 Extreme 8820 (20.4.3 and later) 	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
3.8.2	4.7.7, 4.7.9	20.7.1ab, 20.7.2ab
3.8.3	4.7.8	20.7.1ab
3.8.4	4.7.10	20.7.2ab
3.8.5	4.7.12	20.7.3a

Table 4: TPVM Software Support (continued)

XCO Version	TPVM Version	SLX-OS Version
3.8.6	4.7.13	20.7.3a
3.8.7	4.7.14	20.7.3a

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
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	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"> • CPU: 4 cores • Storage: 128 GB • RAM: 8 GB Recommended: <ul style="list-style-type: none"> • CPU: 16 cores • Storage: 200 GB • RAM: 32 GB
3.7.x, 3.8.x	20.04 LTS and 22.04 LTS	Minimum: <ul style="list-style-type: none"> • CPU: 4 cores • Storage: 128 GB • RAM: 8 GB Recommended: <ul style="list-style-type: none"> • CPU: 16 cores • Storage: 200 GB • RAM: 32 GB

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"> • CPU: 4 cores • Storage: 64 GB • RAM: 8 GB
3.7.x, 3.8.x	22.04 LTS	Minimum: <ul style="list-style-type: none"> • CPU: 4 cores • Storage: 64 GB

Table 7: OVA Deployment Models (continued)

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

Table 8: Supported Devices and Software

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

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/sshd/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.

Open Issues

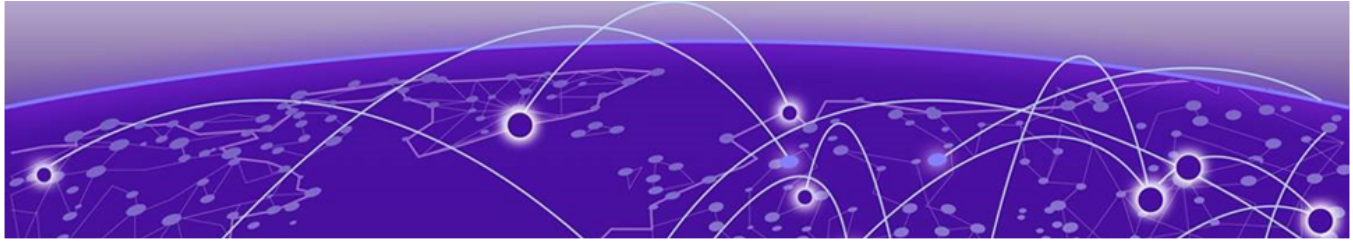
The following issue is open in this release.

Issue ID	Description
XCO-17373	<p>Symptom: The TPVM incremental upgrade takes longer on the active TPVM and fails in a 2-node compact-fabric deployment when upgrading from TPVM 4.7.3/4.7.5/4.7.7 to TPVM 4.7.14, with the error "Security updates are in progress on the TPVM instance."</p> <p>The issue is also observed during an incremental upgrade (rollback) from TPVM 4.7.14 to TPVM 4.7.3/4.7.5/4.7.7.</p> <p>Condition: Perform the TPVM incremental upgrade on the active node.</p> <p>Workaround:</p> <ol style="list-style-type: none">1. Perform the TPVM incremental upgrade on the standby node.2. Initiate HA failover.3. Perform the TPVM incremental upgrade on the new standby (previously active) node.

Security Patch

The following table lists the updated security components and vulnerabilities addressed in this release.

Component	Previous Version	Latest Version	Vulnerabilities
K3S Service	NA	NA	CVE-2025-9230 CVE-2025-9232 CVE-2025-9231 CVE-2025-61723 CVE-2025-61725 CVE-2025-58188 CVE-2025-58187 CVE-2025-61729 CVE-2025-58183 CVE-2025-4674 CVE-2025-47907 CVE-2025-62878 GHSA-jr3w-9vfr-c746 CVE-2026-22045 CVE-2025-66490 CVE-2025-66491 CVE-2025-64702 CVE-2025-59530 GHSA-g754-hx8w-x2g6 GHSA-47m2-4cr7-mhcx CVE-2025-68156 GHSA-cfpf-hrx2-8rv6
Containers	NA	NA	CVE-2026-25210 CVE-2026-24515



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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.

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.

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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