



Universal Compute Platform Release Notes

Version 5.06.01

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Release Notes

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The Universal Compute Platform provides a container-based orchestration framework, in an Extreme qualified and validated high performance hardware configuration. The framework natively supports clustering, distributed file system and orchestration through Kubernetes, providing a highly resilient application operational base. CaaS is a cloud service model that allows users to manage and deploy containers, applications, and clusters through container-based virtualization.

The Universal Compute Platform offers flexible application orchestration, enables self-guided application installation, management, and full SaaS deployment of select applications such as ExtremeCloud™ IQ.

For more information, see UCP 4120C – [Installation Guide](#)

New Features

Universal Compute Platform v5.06.01 offers the following new features.

Table 1: New Features in Universal Compute Platform v5.06.01

ID	Feature Description
XCACP-509	Extreme Tunnel Concentrator application support This feature introduces support for Extreme Tunnel Concentrator as a Self-Orchestration (Standalone) application on the Universal Compute Platform. The Tunnel Concentrator application lets you configure Generic Routing Encapsulation (GRE) tunneling that directs wireless traffic from your access points to the traffic data center, where the traffic can be aggregated and processed. For details, see the Extreme Tunnel Concentrator Deployment Guide .
XCACP-577	Upgrade Engine Application (for Self-Orchestration Deployments) This feature lets you upgrade container applications from the Universal Compute Platform interface without requiring you to uninstall the old application or reconfigure settings. This feature is supported for self-orchestrated applications, such as Tunnel Concentrator, that support external upgrades. For details, see Universal Compute Platform User Guide .

Universal Compute Platform v5.05.01 offers the following new features.

Table 2: New Features in Universal Compute Platform v5.05.01

ID	Feature Description
XCACP-484	Support for 10/1 Gbps Ports for Applications Customers can now leverage the native 10/1 Gbps of the 4120C for Universal Container applications. Applications that are installed on Universal Compute Platform can now select the 10G ports on the host for their communications need.
XCACP-545	Support for HTTPS Web Proxy Support for HTTPS Proxy for operational functions and system maintenance. This feature supports all web based network operations including software updates, repository access, registering with ExtremeCloud IQ, and system administration.
XCACP-549	Removed Restriction on ICC Interfaces for Standalone Inter-Cluster Connect (ICC) interfaces no longer need to be connected in a stand-alone deployment.
XCACP-255	Support for LAG Ports Added support for Link-Aggregation (LAG) bonding, allowing the ability to LAG / bond two equal interfaces for interface redundancy and load balancing.

Universal Compute Platform v5.04.01 offers the following new features:

- Kubernetes upgrade automation.
- Larger drives to support the increased demand for storage.
- Updates to the distributed persistent file system that optimizes storage use.
- Side-loading container deployment from a local file system.
- Dynamic discovery of deployed services.
- Support for an extended cloud-based service-set.
- Networking related enhancements for a standalone Kubernetes mode.

Universal Compute Platform v5.03.01 offers the following new features:

- Support for cluster expansion.
- Support for additional persistent storage for new ExtremeCloud IQ services.

Universal Compute Platform v5.02.01 offers the following new features:

- Support for GUI proxy from the XIQ RDC.
- Support for XIQ OpenAPI service.
- Improved System Health checks and insights.
- Support for new and more complex overlay networks.
- Streamlined the approach to managing host services vs hosted services.
- New API based engines, applications management, and lifecycle.
- Redesigned and improved the user interface workflow.

Documentation Rebranding

Table 3: Document Rebranding for v.5.06.01

New Document Title in v.5.06.01	Old Document Title in v.5.05.01
<i>ExtremeCloud Edge - Managed Orchestration Deployment Guide for Universal Compute Platform</i>	<i>Universal Compute Platform - ExtremeCloud Edge Deployment Guide</i>
<i>ExtremeCloud Edge - Self-Orchestration Deployment Guide for Universal Compute Platform</i>	<i>Universal Compute Platform - Universal Containers Deployment Guide</i>



Note

The *Universal Compute Platform User Guide* retains the same title.

Known Issues

An issue exists with the factory-default version of Universal Compute Platform. When unpacking your system, you may see an "Activation Required" message along with Locking ID. The message instructs you to select your license PKI file for activation. Ignore this message as your system will not lock up. This issue has been fixed with newer versions of Universal Compute Platform.

Help and Support

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.

The Hub

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 2826. 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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