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ExtremeCloud Tunnel Concentrator v25.01.01.0006 Release Notes

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Abstract

These release notes for ExtremeCloud Tunnel Concentrator version 25.01, issued in March 2025, outlines resolved issues, known issues, and documentation resources. This release includes support for LAG interfaces, minor updates to the Tunnel Concentrator onboarding from ExtremeCloud IQ, and a migration procedure for migrating from VGVA tunneling to Tunnel Concentrator. The list of Resolved issues includes fixes to external syslog support and VRRP configuration for High Availability. The document provides links to installation, configuration, and maintenance guides, and offers multiple channels for obtaining technical support and subscribing to product announcements.

General Release Information

New Features

Support for LAG Interfaces

With this release, Tunnel Concentrator now supports Link Aggregation (LAG) interfaces. With LAG, you can join two physical ports that are running the same speed into a single logical port interface. This feature provides increased throughout on the interface as well as link redundancy if one of the physical links goes down.

For configuration information, see "LAG Configuration Summary" in ExtremeCloud Tunnel Concentrator Deployment Guide.

> **Note**
> There is a known issue when Tunnel Concentrator deploys LAG on the 1130C. For details, see IQVPN-238.

Support for 2130C Hardware Appliance

Tunnel Concentrator supports the new 2130C hardware appliance for medium-sized deployments. The 2130C adds another hardware option to the existing 1130C and 4120C appliances. The 2130C includes the following capacities:

- Supports single Tunnel Concentrator instance per appliance.
- Supports up to 5,000 tunnels per appliance, or 5,000 tunnels per HA configuration (for example, up to 5,000 tunnels per HA pair)

For detailed 2130C specifications, see Universal Compute Platform 2130C Appliance Quick Installation Guide.

Tunnel Concentrator Onboarding Updates from ExtremeCloud IQ

When you are configuring Traffic tunneling from ExtremeCloud IQ, there is now a **Tunnel Concentrator** option for you to select on pages such as User Profiles. You can

select this option and for the Tunnel Destination, select a Tunnel Concentrator that you've onboarded to ExtremeCloud IQ.

> **Note**
> If you are are managing a VGVA tunneling deployment from ExtremeCloud IQ and want to migrate to Tunnel Concentrator see" Migrations from VGVA Tunneling to Tunnel Concentrator" from the ExtremeCloud Tunnel Concentrator Deployment Guide for a migration procedure.

Resolved Issues

The following table displays resolved issues with this release of Tunnel Concentrator.

Table 1: Resolved Issues

JIRA	Description
IQVPN-232	Tunnel Concentrator Syslog Server config not functioning
IQVPN-234	Logs sent by Tunnel Concentrator to syslog server do not have unique host/IP identifier

Known Issues

The following table displays known issues with this release of Tunnel Concentrator.

Table 2: Known Issues

Issue	Description
IQVPN-206	When untagged VLAN is used as a listening interface with VRRP, the listening interface becomes un-responsive after 30-45 minutes.
IQVPN-210	Tunnel Concentrator drops packets at ~ 50s intervals while the Tunnel Concentrator dashboard is accessed or viewed
IQVPN-216	HA/VRRP- Sporadic packet loss when only Tunnel port fails on primary TC
IQVPN-238	Tunnel Concentrator (UCP 1130C with LAG) Some clients unable to get DHCP address, and those who do, do not have network connectivity

Documentation

Refer to the following documents for information on how to install, configure, and maintain the Tunnel Concentrator application:

Tunnel Concentrator Documents

- *ExtremeCloud Tunnel Concentrator Deployment Guide*—Contains information on how to install, configure, and maintain Tunnel Concentrator on Universal Compute Platform.

Related Extreme Networks Documents

- *ExtremeCloud Edge - Self-Orchestration Deployment Guide for Universal Compute Platform*—An ExtremeCloud Edge -Self-Orchestration deployment on Universal Compute Platform is a mandatory prerequisite for installing the Tunnel Concentrator application. Refer to this guide for deployment information.
- *ExtremeCloud IQ Controller User Guide*—If you are deploying ExtremeCloud IQ Controller as the management application for Tunnel Concentrator, refer to this guide for ExtremeCloud IQ Controller information.
- *ExtremeCloud IQ User Guide*—If you are deploying ExtremeCloud IQ as the management application for Tunnel Concentrator, refer to this guide for ExtremeCloud IQ information.

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 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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