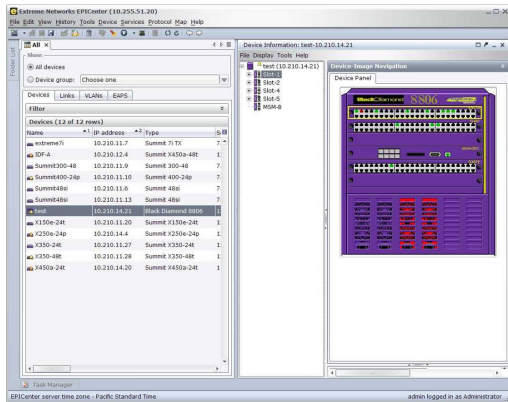


EPICenter Network Management Software



What can you determine about your network at a glance? What's up and what's down, and how is everything configured? The answers to these questions are essential to delivering the applications and performance that users demand. To compound the problem, today's networks are subject to:

- Proliferation of new converged and mission-critical applications
- Constantly changing service offerings
- Unpredictable and rapidly growing network traffic
- Pressing requirements for simplicity and expediency in network deployment
- Security issues that threaten network integrity

EPICenter management suite from Extreme Networks® is a scalable full-featured network management platform capable of monitoring and maintaining networks that are undergoing rapid change. It establishes a new benchmark for accommodating converged applications by offering intuitive user interfaces and by reducing the complexity of managing converged networking environments. The open architecture of EPICenter accommodates a multi-vendor, service-rich environment that provides voice-class availability and the enforcement of robust security policies.

EPICenter simplifies configuration, troubleshooting and status monitoring of IP-based networks. This comprehensive set of network management applications delivers on the essential requirements of managing your network, as well as adding valuable and intuitive features that help save time by streamlining common tasks.

EPICenter® establishes a new benchmark for accommodating converged applications with an intuitive user interface.

Operational Simplicity

- Flexible and intuitive user interface
- Detailed topology view with alarm integration
- Dynamic reporting and comprehensive network summary reports
- Flexible scripts, macros and ExtremeXOS® CLI script management for easier and quicker configuration across multiple devices concurrently

Voice-Class Availability

- Intelligent alarm systems with customization
- Real-time data monitoring and statistics with comprehensive display and reporting options
- Ethernet Automatic Protection Switching (EAPS) monitoring and configuration checker
- End-to-end network service visualization and monitoring

Comprehensive Security

- Role-based access control
- SNMPv3 and SSH-2/SCP2 HTTPS secure communications between managed devices and EPICenter
- Rapid isolation and one-click mitigation of network issues with IP/MAC Address Locator
- Audit log

Service Extensibility

- Universal Port Manager for easy deployment of ExtremeXOS Universal Port profiles
- Wireless discovery and management
- Voice integration with IP Telephony management systems
- Link Layer Discovery Protocol (LLDP)-based discovery of devices
- Third-party integration framework

Operational Simplicity

The EPICenter topology allows a user to discover and view a network of EPICenter managed devices and the links between devices as a set of maps. These maps can be organized into sets of sub-maps that allow a network to be represented as a hierarchical system of campuses, buildings, floors, closets or any logical groupings.

The EPICenter scripts help users configure multiple devices concurrently with minimal administrator intervention. Users can automate network configuration using scripts with switch CLI commands for repetitive execution as needed. In addition, EPICenter manages and allows customization of ExtremeXOS CLI scripts—a very efficient way to roll out your network using configuration templates that can be applied to a switch via CLI scripts.

EPICenter reports provide a large number of predefined and customizable reports that present a variety of information from the EPICenter database. The report module offers many other tools such as MIB Browser to provide EPICenter system information.

The stacking capability of EPICenter allows users to manage a stack of devices as a single device, and manages all ports on all devices using a single IP address.

EPICenter Configuration Manager provides a graphical interface for uploading and downloading configuration files to and from a managed network. This tool has been designed to reduce the time and complexity of managing configurations in large networks of Extreme Networks devices. Baselineing is available in the Configuration Manager, providing a means for security audits and configuration change audits, as well as providing a simple method for fallback to a previous good configuration. A built-in viewer enables configuration file viewing and allows an external Diff viewer—

which allows two configurations to be visually compared and their differences noted.

Voice-Class Availability

One of the key requirements of availability is to provide you with a notification of the health and status of the network. Alarm Manager provides detailed notification for any events. Real-time statistics for multiple ports and devices helps you manage your network effectively and increase continuous availability of the network.

Firmware Management provides firmware version and availability information and helps you schedule a multi-step upgrade at a time of your convenience without disturbing your regular business transactions. Extreme Networks high availability protocol, EAPS, provides sub-50ms link failover. EPICenter manages any EAPS rings in the network and provides EAPS configuration verifier to avoid any misconfiguration.

Comprehensive Security

EPICenter provides role-based access that can be used to define levels of access to EPICenter functions. Roles allow the EPICenter administrator to differentiate access levels for each group of users. EPICenter provides additional security for network traffic from managed devices by using secured SNMPv3, SSHv2 or HTTPS. This protects sensitive data from being intercepted or altered by unauthorized access.

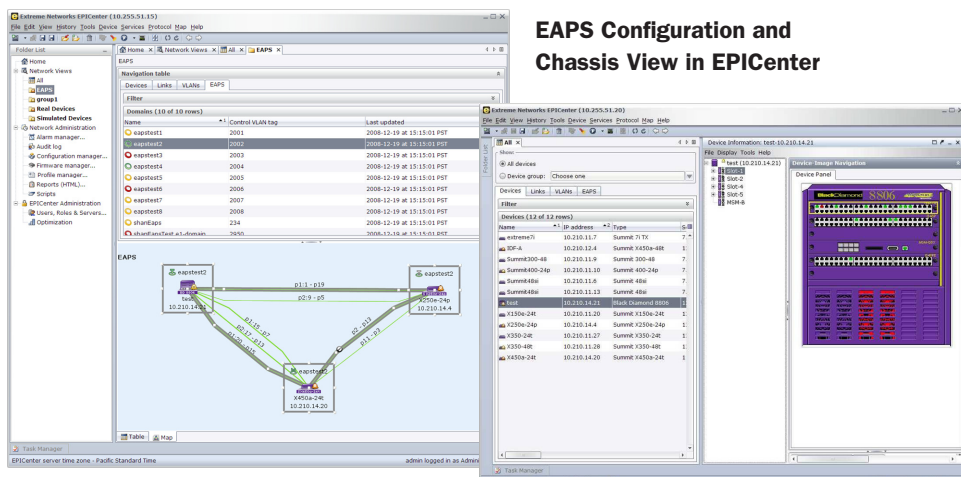
EPICenter also supports audit logging. Operations performed using scripts are recorded for audit trail purposes.

Service Extensibility

EPICenter provides a third-party device integration framework to help you integrate information from all the management frameworks to be managed and monitored on EPICenter.

EPICenter helps provide an end-to-end converged management infrastructure. Since EPICenter 5.0, Avaya Integrated Management and EPICenter can coexist and be cross-launched from the same server. EPICenter can discover an Avaya VoIP infrastructure, import network inventory and status monitoring from Avaya Integrated Management and can automatically forward traps to Avaya Integrated Management. This helps you manage Avaya and Extreme Networks switches from a single platform. EPICenter supports LLDP for automatic discovery of Avaya and other devices.

EPICenter simplifies network deployment of VoIP and dynamic security policies via Universal Port Manager. Universal Port Manager helps define and distribute Universal Port profiles for ExtremeXOS based switches. The scripts feature provides a flexible and extensible framework that allows the user to create automation scripts for provisioning the network.



EAPS Configuration and Chassis View in EPICenter



www.extremenetworks.com

Corporate and North America
 Extreme Networks, Inc.
 3585 Monroe Street
 Santa Clara, CA 95051 USA
 Phone +1 408 579 2800

Europe, Middle East, Africa and South America
 Phone +31 30 800 5100

Asia Pacific
 Phone +852 2517 1123

Japan
 Phone +81 3 5842 4011