Deploy

Network Deployment Library Benefits Brief

Deploying networks today has become much more than connecting cables to correct ports on Ethernet switches. The complexity in deploying networks requires sophisticated network designs prepared by network administrators that understand the nuances involved with authentication, redundancy, security, and management.

To help network administrators correctly configure and deploy Extreme Networks® Ethernet switches, a set of Deployment Widgets have been created. These widgets use the power of ExtremeXOS® scripting language to issue commands to effect various network operations. These Deployment Widgets are packaged as a library of widgets containing the following network functions:

- Ethernet Automatic Protection Switching (EAPS) Configuration
- RADIUS Management Configuration
- RADIUS Netlogin Configuration
- Remote Syslog Configuration
- Simple Network Time Protocol (SNTP) Configuration
- SNMP v1/v2 Configuration
- Software-Controlled Redundant Physical Port (SRP) Configuration
- VLAN Creation

Each widget is controlled by settable script variables that control the operation of the script. The intention is for the network administrators to combine the various operations of these widgets and modify the variable settings to construct scripts that are tailored to their configuration. As such, each of the above widgets is presented as an example.

For more information on deploying and configuring ExtremeXOS switches, refer to the ExtremeXOS Concepts Guide.

Key Benefits
- Rich library of network configuration operations
- Configurable parameters allow customization for a network
- Library operations can be combined to create single deployment script
- Reproducible behavior for network deployments

Business Challenge
The complexity of deploying new switches into a network has become an arduous task. As the capabilities of network switches become greater with each generation, the requirements placed on network administrators to correctly configure and deploy these advanced Ethernet switches become even greater.

Solution
The ExtremeXOS modular operating system incorporates a powerful scripting language that allow for tailored switch deployments that can be installed and executed to configure Extreme Networks switches. The widgets contained in the Network Deployment Library Module provide best-practice examples of scripts that can be customized for many network operations

Result
By using the Network Deployment Library Module's widgets, network administrators can configure their own custom scripts for repeated and successful deployment of ExtremeXOS switches.

extreme networks™

Widgets
speed deployment with pre-defined common configurations

Deploy

These Network Deployment Library Widgets are available for download at:

http://www.extremenetworks.com/solutions/widget-central/

on the Deploy tab, or from your Extreme Networks sales representative or channel partner.

More information on Extreme Networks Widgets may be found at:

http://www.extremenetworks.com/solutions/widget-central/

Deploy   Monitor   Operate   Optimize

Additional Information

The Network Deployment Library Module is one of a growing number of Deployment Widgets that Extreme Networks will release to partners and customers. The Deployment Widgets are designed to provide examples of how to operate effectively deploy Extreme Networks switches using best practices configurations.

For more information on Deployment Widgets, go to: http://www.extremenetworks.com/solutions/widget-central/, and select the Deploy tab.

Support Services

Extreme Networks services help you gain meaningful insight and unprecedented control to simplify your network operations. We provide assessment, design, implementation and educational services built around your specific needs. Our custom application development team provides expert help to streamline your enterprise network operations. Whether you need technical training, professional services, or standard maintenance and support, we'll help you solve your tough networking problems.

More information on Extreme Networks Services Solutions may be found at http://www.extremenetworks.com/solutions/service-solutions.aspx.

www.extremenetworks.com   **email: info@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