Customer Release Notes

Product
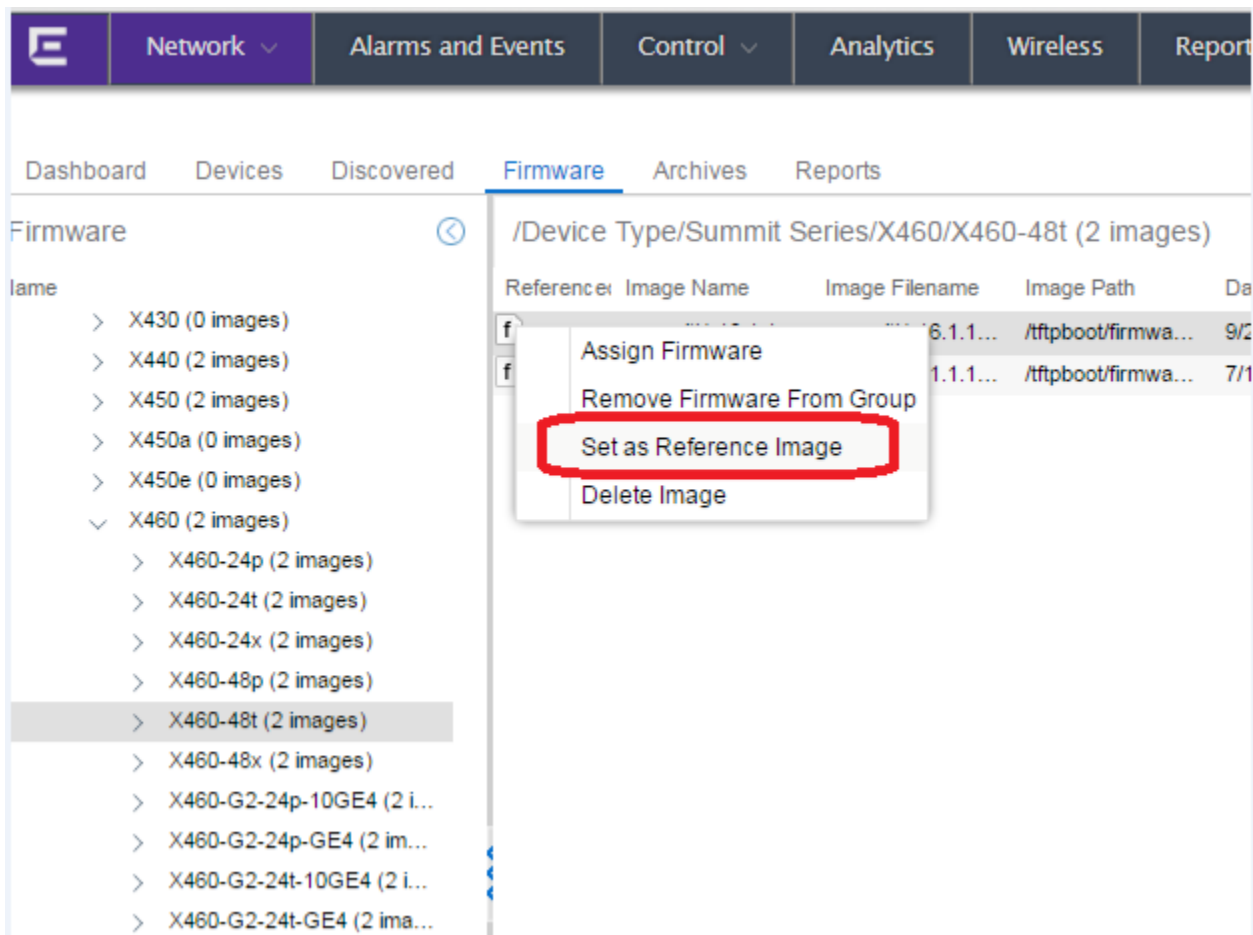
Firmware Version summitX-21.1.1.4-cloud_connector-1.1.14.29.xmod
August 2016

INTRODUCTION:

This document provides specific information for version `summitX-21.1.1.4-cloud_connector-1.1.14.29.xmod` of Cloud Connector application for ExtremeManagement 7.0.4 GA product.

summitX-21.1.1.4-cloud_connector-1.1.14.29.xmod also requires the EXOS switch to be running EXOS 21.1.1.4-patch1-2 or later.

This firmware should be loaded to the ExtremeManagement 7.0.4 GA server via the Network->Firmware page. Do not load Cloud Connector directly to the switch. Let Extreme Management do that for you by marking it as the Reference Image on the Firmware page.

ExtremeManagement will update the Extreme Switch running EXOS 21.1.1.4-patch1-2, or later, with this version of the Cloud Connect application.

The Cloud Connector application runs on ExtremeSwitching products running EXOS 21.1.1.4-patch1-2, or later, and works together with ExtremeManagement to provide a Zero Touch Provisioning capability for an easy, "out-of-the-box" experience.

When a newly unconfigured Extreme Switch, running EXOS 21.1.1.4-patch1-2, is connected to a network, the Extreme Switch will:

- Contact a DHCP server to obtain:
    - An IP address for the Extreme Switch
    - Local DNS domain name
    - A DNS server IP address
- Contact the DNS server IP address provided, looking for:
    - extremecontrol.<your domain name>

Once the Extreme Switch obtains the IP address of extremecontrol.<your domain name>, ExtremeManagement will download this version of the Cloud Connector application to the Extreme Switch.

For additional information on how to download summitX-21.1.1.4-cloud_connector-1.1.14.29.xmod to ExtremeManagement refer to the ExtremeManagement "Firmware" section.

For ZTP+ configuration options available for Zero Touch Provisioning refer to the ExtremeManagement "ZTP+ Device Configuration in ExtremeManagement" section.

APPLICATION SPECIFICATION: EXOS CLOUD CONNECTOR

Status	Version No.	Type	Release Date
Current Version	1.1.14.29	Release version to work with ExtremeManagement 7.0.4 GA and EXOS 21.1.1.4-patch1-2	August 2016

EXOS COMPATIBILITY

This Cloud Connector application version is compatible with Extreme EXOS version 21.1.1.4-patch1-2 and later.

NETWORK MANAGEMENT SOFTWARE SUPPORT:

ExtremeManagement 7.0.4 GA
The EXOS Cloud Connector 1.1.14.29 is compatible with ExtemeManagement 7.0.4.

ExtremeManagement 7.0.3 GA
The EXOS Cloud Connector 1.1.14.29 is compatible with ExtemeManagement 7.0.3 with the following exception:

If the "ExtremeManagement ZTP+ Configuration" has the "Add Device Actions > Add Trap Receiver" option enabled, an SNMPv3 trap configuration will be pushed to the device.
This will result in the ZTP+ process failing. A switch log entry will be generated within the ExtremeManagement server.log file similar to:
- 2016-07-14 07:31:48,223 ERROR [com.enterasys.netsight.server.webapps.monitor.ezConfig.SwitchDispatcher] ZTP+ configuration event : 1551N-40249 : Controller : Missing JSON field user in notifications block

If the "Add Trap Receiver" option is disabled, then the ZTP+ process will complete successfully when using ExtremeManagement 7.0.3.

SUPPORTED FUNCTIONALITY:

Existing Product Features	
Cloud Connector protocol	
Zero Touch Provisioning together with ExtremeManagement 7.0.4 GA and EXOS 21.1.1.4-patch1-2 or later	

INSTALLATION AND CONFIGURATION NOTES:

Note:

This application must be loaded on to the server running ExtremeManagement 7.0.4 via the Network->Firmware page to provide the Zero Touch Provisioning Plus capability for Extreme Switching devices running EXOS 21.1.1.4-patch1-2

Refer to ExtremeManagement 7.0.4 Help information for instructions on downloading the Cloud Connector.

FIRMWARE CHANGES AND ENHANCEMENTS:

Changes and Enhancements in CloudConnector 1.1.14.29
Additions, enhancements and bug fixes to work with ExtremeManagement 7.0.4 GA
Fixed: If the DHCP option125 method of ZTP is used, and the DNS server IP address provided by DHCP resolves the domain name devices.extremenetworks.com, ZTP would fail to run.
SCP file transfer for download is supported.

KNOWN RESTRICTIONS AND LIMITATIONS:

Known Issues in 1.1.14.29
Extreme Switch is running EXOS 21.1.1.4-patch1-2 or later
Extreme Switch will be upgraded to Cloud Connector 1.1.14.29 when the device first contacts ExtremeManagement
Extreme Switch will be upgraded to the EXOS release provided to ExtremeManagement 7.0.4 when the device first contacts ExtremeManagement.
Only a single network cable should be connected to the device until the ZTP+ operation completes, otherwise a network loop may potentially form.

Known Issues in 1.1.14.29

GLOBAL SUPPORT:

By Phone: +1 877-801-7082 (toll-free in U.S. and Canada)

For the toll-free support number in your country:
www.extremenetworks.com/support/

By Email: support@extremenetworks.com

By Web: www.extremenetworks.com/support/

By Mail: Extreme Networks, Inc.
145 Rio Robles
San Jose, CA 95134

For information regarding the latest software available, recent release note revisions, or if you require additional assistance, please visit the Extreme Networks Support web site.