

BlackDiamond 8900-G48T-xl I/O Module Release Note

This release note provides information about the Extreme Networks® BlackDiamond® 8900-G48T-xl I/O module.

ExtremeXOS® 12.4.1 (or later) Required

A BlackDiamond 8800 series or 8900 series MSM requires ExtremeXOS version 12.4.1 (or later) in order to recognize the 8900-G48T-xl I/O module. You must upgrade the software to the final release build of ExtremeXOS 12.4.1 (or later). Be sure to upgrade the software on your MSM before installing one of the listed I/O modules into your network.



CAUTION

ExtremeXOS software builds earlier than version 12.4.1 do not support the 8900-G48T-xl I/O module. If you try to install an 8900-G48T-xl I/O module without upgrading the software on your MSM, the module will not be recognized by the software and it will not power up. The following error messages are typical of the messages that you may see on the console or in the log. (The examples represent an unrecognized module in slot 2.)

- *Console:* ERROR: Unknown cardtype in slot 2 - please program the eeprom
- *Log:* <Erro:HAL.Card.Error> MSM-A: Unable to read cardtype for slot 2

Hardware Compatibility

With the correct minimum version of ExtremeXOS installed, the following MSMs support the 8900-G48T-xl I/O module:

- MSM-G8X
- MSM-48
- MSM-48c
- 8900-MSM128

Do not install 8900 series I/O modules in slot 4/B (BlackDiamond 8806 chassis) or slot 6/B (BlackDiamond 8810 chassis). An 8900 series I/O installed in one of these slots is not recognized by the system.

Do not install 8900 series I/O modules in any slot of a BlackDiamond 8810 chassis that has a manufacturing part number of 800129-00 (revision 10 or earlier). (Most of these chassis models are labeled *Aspen* instead of *BlackDiamond*.) To verify the part number and revision, use the `show version` CLI command. This compatibility issue affects only I/O modules.



CAUTION

The backplane connectors do not seat properly if you try to insert an 8900 series I/O module into a chassis labeled Aspen 8810 (manufacturing part number 800129-00, revision 10 or earlier). ExtremeXOS software will not allow an 8900 series I/O module to become operational if it is inserted into a chassis labeled Aspen 8810.

Getting Started

Before installing a BlackDiamond 8900 series I/O module into your network:

- 1 Download and read the latest installation and safety information provided in the *BlackDiamond 8800 Series Switches Hardware Installation Guide* (see “Obtaining Product Documentation” on page 4).
- 2 Download and read the latest software release notes and software upgrade instructions (see “Obtaining Product Documentation” on page 4).
- 3 Download and install the latest version of the software build (see “Downloading Software” on page 2).

Safety Information

All service to Extreme Networks equipment should be performed by trained service personnel only. Service personnel are persons having appropriate technical training and experience necessary to be aware of the hazards to which they are exposed in performing a task and of measures to minimize the danger to themselves or other persons.

Downloading Software

ExtremeXOS software releases and release notes can be obtained directly from the Extreme Networks support website, following the instructions in this section. The following conditions apply:

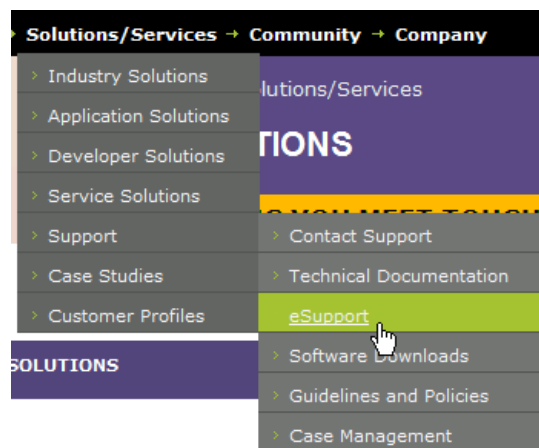
- The original purchaser is entitled to download the versions of ExtremeXOS software or the sustaining releases that are available during the hardware warranty period for the device. These releases are available at any time during or after the warranty period.
- Users with a service contract with Extreme Networks can download the latest ExtremeXOS software update and related release notes, irrespective of the warranty status.

If you have any issues obtaining your entitled software from our website, contact the Extreme Networks Technical Support Assistance Center (TAC) following the directions at the Extreme Networks support website.

To download software and release notes:

- 1 Go to the Extreme Networks website at <http://www.extremenetworks.com>
- 2 If necessary, choose your local region or country.
- 3 From the menu bar, select **Solutions/Services > Support > eSupport** (see [Figure 1](#)).

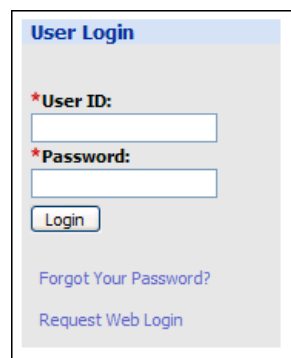
Figure 1: eSupport Link



The Services & Technical Support page opens with the eSupport login box.

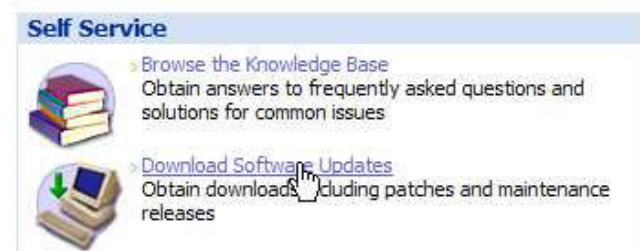
- 4 At the eSupport login box (Figure 2), enter the user ID and password from your current service contract.

Figure 2: eSupport Login Box



- 5 Click **Login**.
By clicking Login, you gain access to the software updates and documentation.
- 6 Under Self Service, click **Download Software Updates** (Figure 3).

Figure 3: Download Software Updates Link



The Export Restrictions and Terms agreement and the License agreement are displayed.

- 7 Click **Accept All** to indicate that you accept the Export Restrictions and Terms and the terms of the End User Agreement.

The Software Updates page opens with the Software Downloads registration box.

- 8 In the Software Downloads registration box (Figure 4), enter one of the following:
 - Serial number of the I/O module. The serial number is printed on a white label attached to the module circuit board.
 - Agreement number from your service contract.

Figure 4: Software Downloads Registration Box

A list is displayed showing the software updates available for the product in accordance with its limited warranty or in accordance with your current maintenance support entitlement.



NOTE

If you enter a serial number and receive an error message, but believe that the serial number should be included in your service contract, send an email to servicecontracts@extremenetworks.com. Provide the serial number of the module and chassis, along with the agreement number that should include the hardware serial numbers.

- 9 Select and download the software that supports your device. Links to download release notes are listed with the available software downloads.

The 8900-G48T-xl module requires an MSM running ExtremeXOS 12.4.1 (or later).

Installing the Software

For details on installing the software onto your MSM, refer to the *ExtremeXOS Concepts Guide*. To obtain a copy of this guide, see the next section, “[Obtaining Product Documentation](#).”

Obtaining Product Documentation

Hardware and software documentation for Extreme Networks® products is available from the Extreme Networks web site at the following location:

<http://www.extremenetworks.com/go/documentation>

You can download software concepts guides and reference guides, hardware installation guides, hardware installation notes, and other documents.

If your product is covered under software warranty or a current support contract, you can access software release notes from the eSupport web pages at:

<https://esupport.extremenetworks.com/>

**NOTE**

You must have an active support agreement or a product registered to you in order to receive an eSupport login and access to Extreme Networks software release notes.

To request an eSupport user name and password, select the Request Web Login link on the eSupport home page at <http://esupport.extremenetworks.com>.

You can see complete information about all of our services online at:

<http://www.extremenetworks.com/solutions/service-solutions.aspx>

For a services proposal in EMEA, contact your Extreme Networks supplier or Extreme Networks sales representative. In the Americas, Japan, and the Asia-Pacific, send an email to servicesales@extremenetworks.com. A service representative will respond to you within one business day.