

April 2022

# Network OS 7.4.0ba for Extreme VDX

## Release Notes

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## Document History

Version	Summary of Changes	Publication Date
1.0	Initial Release	April 2022

## Preface

### Contacting Extreme Technical Support

As an Extreme customer, you can contact Extreme Technical Support using one of the following methods: 24x7 online or by telephone. OEM customers should contact their OEM/solution provider.

If you require assistance, contact Extreme Networks using one of the following methods:

- GTAC (Global Technical Assistance Center) for immediate support
- Phone: 1-800-998-2408 (toll-free in U.S. and Canada) or +1 408-579-2826. For the support phone number in your country, visit: [www.extremenetworks.com/support/contact](http://www.extremenetworks.com/support/contact).
- Email: [support@extremenetworks.com](mailto:support@extremenetworks.com). To expedite your message, enter the product name or model number in the subject line.
- GTAC Knowledge - Get on-demand and tested resolutions from the GTAC Knowledgebase, or create a help case if you need more guidance.
- The Hub - A forum for Extreme customers to connect with one another, get questions answered, share ideas and feedback, and get problems solved. This community is monitored by Extreme Networks employees, but is not intended to replace specific guidance from GTAC.
- Support Portal - Manage cases, downloads, service contracts, product licensing, and training and certifications.

Before contacting Extreme Networks for technical support, have the following information ready:

### Document feedback

Quality is our first concern at Extreme, and we have made every effort to ensure the accuracy and completeness of this document. However, if you find an error or an omission, or you think that a topic needs further development, we want to hear from you.

You can provide feedback in two ways:

- Use our short online feedback form at <http://www.extremenetworks.com/documentation-feedback-pdf/>
- Email us at [internalinfodev@extremenetworks.com](mailto:internalinfodev@extremenetworks.com)

Provide the publication title, part number, and as much detail as possible, including the topic heading and page number if applicable, as well as your suggestions for improvement.

- Your Extreme Networks service contract number and/or serial numbers for all involved Extreme Networks products
- A description of the failure
- A description of any action(s) 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

## OVERVIEW

The purpose of version 7.4.0ba is ONLY to provide a transitional release for performing multi-version upgrade for the VDX platforms. It is not designed to be used in a general production network. Please see the following document for more details regarding the multi-version upgrade:

[How To: How to perform VCS Fabric Multi-Version Upgrade | Extreme Portal \(force.com\)](#)

## Software Features

There are no new software features provided by this release.

### Deprecated Software Features

- None

## HARDWARE SUPPORT

### Supported devices

Extreme Network OS v7.4.0 supports following VDX Switches:

- ExtremeSwitching VDX 6740-48
- ExtremeSwitching VDX 6740T
  - ExtremeSwitching VDX 6740T-64
  - ExtremeSwitching VDX 6740T-1G
- ExtremeSwitching VDX 6940-144S
- ExtremeSwitching VDX 6940-36Q
- ExtremeSwitching VDX 8770
  - ExtremeSwitching VDX 8770-4
  - ExtremeSwitching VDX 8770-8

### Deprecated Devices

- None

## SOFTWARE UPGRADE AND DOWNGRADE

### Image filenames

Download the following images from [www.extremeportal.force.com](http://www.extremeportal.force.com)

Image Filename	Description	Supported Device or Module
<b>nos7.4.0ba.tar.gz</b>	Network OS v7.4.0ba for Unix	NA
<b>nos7.4.0ba.zip</b>	Network OS v7.4.0ba for Windows	NA
<b>nos7.4.0ba_all_mibs.tar.gz</b>	Network OS v7.4.0ba MIBS	NA
<b>nos-740ba-releasenotes</b>	Network OS v7.4.0ba Release Notes(PDF)	NA
<b>nos7.4.0ba.md5</b>	Network OS v7.4.0ba MD5 Checksum	NA



## Closed with code changes for Network OS v7.4.0ba

This section lists software defects with Critical, High, and Medium Technical Severity closed with a code change in Network OS v7.4.0ba.

<b>Parent Defect ID:</b>	NOS-67689	<b>Issue ID:</b>	NOS-67695
<b>Severity:</b>	High		
<b>Product:</b>	Extreme NOS	<b>Technology Group:</b>	IP Multicast
<b>Reported in Release:</b>	NOS 7.3.0a	<b>Technology:</b>	IGMP - Internet Group Management Protocol
<b>Symptom:</b>	Sudden reload of VDX device		
<b>Condition:</b>	Periodic IGMP join and leave messages handled by VDX will result in memory leak.		

<b>Parent Defect ID:</b>	NOS-67461	<b>Issue ID:</b>	NOS-67696
<b>Severity:</b>	High		
<b>Product:</b>	Extreme NOS	<b>Technology Group:</b>	Layer3 Multicast Infra
<b>Reported in Release:</b>	NOS 7.3.0a	<b>Technology:</b>	Mcast-SS – Multicast sub system
<b>Symptom:</b>	L2Mig id buffer is not cleared properly after receiving memory allocation error RAS message.		
<b>Condition:</b>	When there are more than 1k join / leave requests per second.		