



# **Documentation Reference for Ethernet Routing Switch 3600 Series**

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# Chapter 1: About this Document

This section discusses the purpose of this document, the conventions used, ways to provide feedback, additional help, and information regarding other Extreme Networks publications.

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## Purpose

The Documentation Reference explains the organization of Extreme Networks technical documentation. You can use this document to understand where you can find specific types of information in the customer documentation suite.

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## Conventions







This section discusses the conventions used in this guide.

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## Text Conventions

The following tables list text conventions that can be used throughout this document.

**Table 1: Notice Icons**

Icon	Alerts you to...
 <b>Important:</b>	A situation that can cause serious inconvenience.
 <b>Note:</b>	Important features or instructions.
 <b>Tip:</b>	Helpful tips and notices for using the product.
 <b>Danger:</b>	Situations that will result in severe bodily injury; up to and including death.
 <b>Warning:</b>	Risk of severe personal injury or critical loss of data.
 <b>Caution:</b>	Risk of personal injury, system damage, or loss of data.

**Table 2: Text Conventions**

Convention	Description
Angle brackets ( < > )	<p>Angle brackets ( &lt; &gt; ) indicate that you choose the text to enter based on the description inside the brackets. Do not type the brackets when you enter the command.</p> <p>If the command syntax is <code>cfm maintenance-domain maintenance-level &lt;0-7&gt;</code> , you can enter <code>cfm maintenance-domain maintenance-level 4</code>.</p>
<b>Bold text</b>	<p>Bold text indicates the GUI object name you must act upon.</p> <p>Examples:</p> <ul style="list-style-type: none"> <li>Click <b>OK</b>.</li> <li>On the <b>Tools</b> menu, choose <b>Options</b>.</li> </ul>
Braces ( { } )	<p>Braces ( { } ) indicate required elements in syntax descriptions. Do not type the braces when you enter the command.</p> <p>For example, if the command syntax is <code>ip address {A.B.C.D}</code>, you must enter the IP address in dotted, decimal notation.</p>
Brackets ( [ ] )	<p>Brackets ( [ ] ) indicate optional elements in syntax descriptions. Do not type the brackets when you enter the command.</p> <p>For example, if the command syntax is <code>show clock [detail]</code>, you can enter either <code>show clock</code> or <code>show clock detail</code>.</p>
Ellipses ( ... )	<p>An ellipsis ( ... ) indicates that you repeat the last element of the command as needed.</p> <p>For example, if the command syntax is <code>ethernet/2/1 [ &lt;parameter&gt; &lt;value&gt; ]...</code>, you enter <code>ethernet/2/1</code> and as many parameter-value pairs as you need.</p>
<i>Italic Text</i>	<p>Italics emphasize a point or denote new terms at the place where they are defined in the text. Italics are also used when referring to publication titles that are not active links.</p>
Plain Courier Text	<p>Plain Courier text indicates command names, options, and text that you must enter. Plain Courier text also indicates command syntax and system output, for example, prompts and system messages.</p>

*Table continues...*

Convention	Description
	<p>Examples:</p> <ul style="list-style-type: none"> <li>• <code>show ip route</code></li> <li>• <code>Error: Invalid command syntax</code>  <code>[Failed] [2013-03-22 13:37:03.303</code>  <code>-04:00]</code></li> </ul>
Separator ( > )	<p>A greater than sign ( &gt; ) shows separation in menu paths.</p> <p>For example, in the Navigation tree, expand the <b>Configuration &gt; Edit</b> folders.</p>
Vertical Line (   )	<p>A vertical line (   ) separates choices for command keywords and arguments. Enter only one choice. Do not type the vertical line when you enter the command.</p> <p>For example, if the command syntax is <code>access-policy by-mac action { allow   deny }</code>, you enter either <code>access-policy by-mac action allow</code> or <code>access-policy by-mac action deny</code>, but not both.</p>

## Documentation and Training

To find Extreme Networks product guides, visit our documentation pages at:

Current Product Documentation	<a href="http://www.extremenetworks.com/documentation/">www.extremenetworks.com/documentation/</a>
Archived Documentation (for earlier versions and legacy products)	<a href="http://www.extremenetworks.com/support/documentation-archives/">www.extremenetworks.com/support/documentation-archives/</a>
Release Notes	<a href="http://www.extremenetworks.com/support/release-notes">www.extremenetworks.com/support/release-notes</a>
Hardware/Software Compatibility Matrices	<a href="https://www.extremenetworks.com/support/compatibility-matrices/">https://www.extremenetworks.com/support/compatibility-matrices/</a>
White papers, data sheets, case studies, and other product resources	<a href="https://www.extremenetworks.com/resources/">https://www.extremenetworks.com/resources/</a>

### Training

Extreme Networks offers product training courses, both online and in person, as well as specialized certifications. For more information, visit [www.extremenetworks.com/education/](http://www.extremenetworks.com/education/).

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## Getting Help

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

### [Extreme Portal](#)

Search the GTAC (Global Technical Assistance Center) knowledge base, manage support cases and service contracts, download software, and obtain product licensing, training, and certifications.

### [The Hub](#)

A forum for Extreme Networks customers to connect with one another, answer questions, and share ideas and feedback. This community is monitored by Extreme Networks employees, but is not intended to replace specific guidance from GTAC.

### [Call GTAC](#)

For immediate support: 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)

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

- 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

## Subscribing to Service Notifications

You can subscribe to email notifications for product and software release announcements, Vulnerability Notices, and Service Notifications.

1. Go to [www.extremenetworks.com/support/service-notification-form](http://www.extremenetworks.com/support/service-notification-form).
2. Complete the form with your information (all fields are required).
3. Select the products for which you would like to receive notifications.



#### **Note:**

You can modify your product selections or unsubscribe at any time.

4. Click **Submit**.

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## Providing Feedback to Us

Quality is our first concern at Extreme Networks, and we have made every effort to ensure the accuracy and completeness of this document. We are always striving to improve our documentation and help you work better, so we want to hear from you! We welcome all feedback but especially want to know about:

- Content errors or confusing or conflicting information.
- Ideas for improvements to our documentation so you can find the information you need faster.
- Broken links or usability issues.

If you would like to provide feedback to the Extreme Networks Information Development team, you can do so in two ways:

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

Please 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.



# Chapter 2: New in this document

The following sections detail what is new in this document.

## Obsolete documents

The following documents are obsolete:

- *Installing Transceivers and Optical Components on ERS 3600 Series* is obsolete. For information about transceivers and other optical components, see:  
[Extreme Networks Pluggable Transceivers Installation Guide](#)
- *Locating Software and Release Notes for Ethernet Routing Switch 3600 Series* is obsolete.
- *Regulatory Reference for Ethernet Routing Switch 3600 Series* is obsolete. For information on regulatory and compliance, see [Installing Ethernet Routing Switch 3600 Series](#).

# Chapter 3: Roadmap

Use this section as a guide to find information to perform work involving the Ethernet Routing Switch(ERS) series.

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## Product fundamentals

Product fundamentals documentation contains information that is relevant to multiple job functions, and overview and reference information about the product and the product documentation.

**Table 3: ERS 3600 Series product fundamentals documents**

Document title	Description
<a href="#">Documentation Reference for Ethernet Routing Switch 3600 Series</a>	Provides an overview of the documentation suite.
<a href="#">Quick Start Configuration for Ethernet Routing Switch ERS 3600 Series</a>	Provides instructions to perform initial provisioning of the software.
<a href="#">Using CLI and EDM on Ethernet Routing Switch 3600 Series</a>	Describes user interfaces and information about feature licensing, if applicable.
<a href="#">Command Line Interface Reference for Ethernet Routing Switch 3600 Series</a>	Provides default values and proper syntax for the Command Line Interface (CLI) commands.

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## Installation and commissioning

Installation and commissioning documentation enables you to install the product hardware and software and perform the initial configuration

**Table 4: ERS 3600 installation and commissioning documents**

Document title	Description
<a href="#">Quick Start Configuration for Ethernet Routing Switch ERS 3600 Series</a>	Provides information and procedures to introduce the switch to the network and perform basic configuration tasks.

*Table continues...*

Document title	Description
<a href="#">Installing Ethernet Routing Switch 3600 Series</a>	This document provides instructions to install the switch in an equipment rack (individually or in a stack) or on a shelf. It provides instructions to perform the initial IP configuration on the switch using CLI, BootP, or the IP.CFG file. It also provides instructions to verify the switch status using the frontpanel LEDs.
<a href="#">Extreme Networks Pluggable Transceivers Installation Guide.</a>	Provides instructions to install small form factor pluggable (SFP) transceivers, 10 Gigabit small form factor pluggable transceivers, and includes specification for these hardware components.
<a href="#">Installation Job Aid for Ethernet Routing Switch 3600 Series</a>	Provides instructions to install the switch in an equipment rack or on a shelf and prepare for network connectivity, as well as instructions to configure stacking.
<a href="#">Configuring Systems on Ethernet Routing Switch 3600 Series</a>	This document provides instructions to perform basic configuration of the switch including procedures to configure the switch IP address after hardware installation. It also provides instructions to configure system-level features, such as stacking, feature licensing, Simple Network Time Protocol, BootP, Domain Name System, PoE, and LLDP.

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## Upgrades

Upgrades documentation enables you to upgrade hardware and software from one release to another for the product.

**Table 5: ERS 3600 upgrades and patches documents**

Document title	Description
<a href="#">Release Notes for Ethernet Routing Switch 3600 Series</a>	Describes new features and important information about the latest release. Release Notes includes a list of known issues (including workarounds where appropriate) and a list of fixed issues.

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## Operations

Operations documentation provides information that enables you to configure services and applications, manage accounting and billing, and perform routine maintenance of hardware and software for the product.

**Table 6: ERS 3600 Series operations documents**

Document title	Description
<a href="#">Configuring VLANs, Spanning Tree, and MultiLink Trunking on Ethernet Routing Switch 3600 Series</a>	Provides procedures and conceptual information to configure Layer 2; can include VLANs, Spanning Tree, Link Aggregation Control Protocol, and Multi-Link Trunking.
<a href="#">Configuring IP Routing and Multicast on Ethernet Routing Switch 3600 Series</a>	Provides procedures and conceptual information to configure IP routing features, including static routes, Proxy ARP, DHCP Relay, and UDP forwarding. It also provides procedures and conceptual information to manage multicast traffic using IGMP snooping.
<a href="#">Configuring Quality of Service on Ethernet Routing Switch 3600 Series</a>	Provides procedures and conceptual information to configure Quality of Service.
<a href="#">Configuring Fabric Attach on Ethernet Routing Switch 3600 Series</a>	Provides procedures and conceptual information to configure Fabric Attach.

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## Administration and Security

Administration and security documentation supports the configuration and management of systems data, resources, users, and security for the product.

**Table 7: ERS 3600 Series administration and security documents**

Document title	Description
<a href="#">Configuring Security on Ethernet Routing Switch 3600 Series</a>	Provides procedures and conceptual information to administer and configure security features, including MAC-based security, RADIUS, EAPOL, IPv6 First Hop Security (FHS), and SSH.

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## Fault and Performance Management

Fault and performance management documentation enables you to manage faults, and measure and optimize the performance of the product.

**Table 8: ERS 3600 Series fault and performance management documents**

Document title	Description
<a href="#">Configuring System Monitoring on Ethernet Routing Switch 3600 Series</a>	Provides information and system diagnostics tools including syslog, Remote Monitoring, port mirroring, and displaying ports and chassis statistics.

*Table continues...*

Document title	Description
<a href="#">Logs Reference</a>	Provides information about the various log messages generated by the system.
<a href="#">Troubleshooting Ethernet Routing Switch 3600 Series</a>	Describes common problems and error messages and the techniques to resolve them.