

Part No. 213456-U
August 2006

4655 Great America Parkway
Santa Clara, CA 95054

Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.4.1



NORTEL

Copyright © 2002–2006 Nortel Networks Limited. All rights reserved.

The information in this document is subject to change without notice. The statements, configurations, technical data, and recommendations in this document are believed to be accurate and reliable, but are presented without express or implied warranty. Users must take full responsibility for their applications of any products specified in this document. The information in this document is proprietary to Nortel Networks.

The software described in this document is furnished under a license agreement and may be used only in accordance with the terms of that license. The software license agreement is included in this document.

Trademarks

*Nortel, Nortel Networks, the Nortel logo, and the Globemark are trademarks of Nortel Networks. All other products or services may be trademarks, registered trademarks, service marks, or registered service marks of their respective owners.

The asterisk before a name denotes a trademarked item.

Statement of conditions

In the interest of improving internal design, operational function, and/or reliability, Nortel Networks reserves the right to make changes to the products described in this document without notice.

Nortel Networks does not assume any liability that may occur due to the use or application of the product(s) or circuit layout(s) described herein.

Nortel Networks software license agreement

This Software License Agreement (“License Agreement”) is between you, the end-user (“Customer”) and Nortel Networks Corporation and its subsidiaries and affiliates (“Nortel Networks”). PLEASE READ THE FOLLOWING CAREFULLY. YOU MUST ACCEPT THESE LICENSE TERMS IN ORDER TO DOWNLOAD AND/OR USE THE SOFTWARE. USE OF THE SOFTWARE CONSTITUTES YOUR ACCEPTANCE OF THIS LICENSE AGREEMENT. If you do not accept these terms and conditions, return the Software, unused and in the original shipping container, within 30 days of purchase to obtain a credit for the full purchase price.

“Software” is owned or licensed by Nortel Networks, its parent or one of its subsidiaries or affiliates, and is copyrighted and licensed, not sold. Software consists of machine-readable instructions, its components, data, audio-visual content (such as images, text, recordings or pictures) and related licensed materials including all whole or partial copies. Nortel Networks grants you a license to use the Software only in the country where you acquired the Software. You obtain no rights other than those granted to you under this License Agreement. You are responsible for the selection of the Software and for the installation of, use of, and results obtained from the Software.

1.Licensed Use of Software. Nortel Networks grants Customer a nonexclusive license to use a copy of the Software on only one machine at any one time or to the extent of the activation or authorized usage level, whichever is applicable. To the extent Software is furnished for use with designated hardware or Customer furnished equipment (“CFE”), Customer is granted a nonexclusive license to use Software only on such hardware or CFE, as applicable. Software contains trade secrets and Customer agrees to treat Software as confidential information using the same care and discretion Customer uses with its own similar information that it does not wish to disclose, publish or disseminate. Customer will ensure that anyone who uses the Software does so only in compliance with the terms of this Agreement. Customer shall not a) use, copy, modify, transfer or distribute the Software except as expressly authorized; b) reverse assemble, reverse compile, reverse engineer or otherwise translate the Software; c) create derivative works or modifications unless expressly authorized; or d) sublicense, rent or lease the Software. Licensors of intellectual property to Nortel Networks are beneficiaries of this provision. Upon termination or breach of the license by Customer or in the event designated hardware or CFE is no longer in use, Customer will

promptly return the Software to Nortel Networks or certify its destruction. Nortel Networks may audit by remote polling or other reasonable means to determine Customer's Software activation or usage levels. If suppliers of third party software included in Software require Nortel Networks to include additional or different terms, Customer agrees to abide by such terms provided by Nortel Networks with respect to such third party software.

2.Warranty. Except as may be otherwise expressly agreed to in writing between Nortel Networks and Customer, Software is provided "AS IS" without any warranties (conditions) of any kind. NORTEL NETWORKS DISCLAIMS ALL WARRANTIES (CONDITIONS) FOR THE SOFTWARE, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE AND ANY WARRANTY OF NON-INFRINGEMENT. Nortel Networks is not obligated to provide support of any kind for the Software. Some jurisdictions do not allow exclusion of implied warranties, and, in such event, the above exclusions may not apply.

3.Limitation of Remedies. IN NO EVENT SHALL NORTEL NETWORKS OR ITS AGENTS OR SUPPLIERS BE LIABLE FOR ANY OF THE FOLLOWING: a) DAMAGES BASED ON ANY THIRD PARTY CLAIM; b) LOSS OF, OR DAMAGE TO, CUSTOMER'S RECORDS, FILES OR DATA; OR c) DIRECT, INDIRECT, SPECIAL, INCIDENTAL, PUNITIVE, OR CONSEQUENTIAL DAMAGES (INCLUDING LOST PROFITS OR SAVINGS), WHETHER IN CONTRACT, TORT OR OTHERWISE (INCLUDING NEGLIGENCE) ARISING OUT OF YOUR USE OF THE SOFTWARE, EVEN IF NORTEL NETWORKS, ITS AGENTS OR SUPPLIERS HAVE BEEN ADVISED OF THEIR POSSIBILITY. The forgoing limitations of remedies also apply to any developer and/or supplier of the Software. Such developer and/or supplier is an intended beneficiary of this Section. Some jurisdictions do not allow these limitations or exclusions and, in such event, they may not apply.

4. General

a)If Customer is the United States Government, the following paragraph shall apply: All Nortel Networks Software available under this License Agreement is commercial computer software and commercial computer software documentation and, in the event Software is licensed for or on behalf of the United States Government, the respective rights to the software and software documentation are governed by Nortel Networks standard commercial license in accordance with U.S. Federal Regulations at 48 C.F.R. Sections 12.212 (for non-DoD entities) and 48 C.F.R. 227.7202 (for DoD entities).

b)Customer may terminate the license at any time. Nortel Networks may terminate the license if Customer fails to comply with the terms and conditions of this license. In either event, upon termination, Customer must either return the Software to Nortel Networks or certify its destruction.

c)Customer is responsible for payment of any taxes, including personal property taxes, resulting from Customer's use of the Software. Customer agrees to comply with all applicable laws including all applicable export and import laws and regulations.

d)Neither party may bring an action, regardless of form, more than two years after the cause of the action arose.

e)The terms and conditions of this License Agreement form the complete and exclusive agreement between Customer and Nortel Networks.

f)This License Agreement is governed by the laws of the country in which Customer acquires the Software. If the Software is acquired in the United States, then this License Agreement is governed by the laws of the state of New York.

Introduction

These Release Notes provide an overview of changes to the Nortel Switched Firewall 5100 Series for Release 2.3.4.1.

For the latest information about the Nortel Switched Firewall 5100 Series for Release 2.3.4.1, including known issues, limitations, and installation instructions, consult the ReadMe file for the Nortel Switched Firewall 5100 Series for Release 2.3.4.1 on the Nortel Web site (see [How to get help on page 7](#)).

For a list of reference documentation in the Nortel Switched Firewall 5100 Series suite, consult [Documentation on page 5](#).

The following topics are addressed in these Release Notes:

- [Before you begin](#)
- [Documentation on page 5](#)
- [Software support on page 5](#)
- [Hardware support on page 5](#)
- [New feature on page 6](#)
- [How to get help on page 7](#)

Before you begin

Before you put your system into commission, check the Nortel Technical Support Web site at www.nortel.com for the latest software and documentation for the Switched Firewall 5100 Series.

NOTE: Review the Readme file for Release 2.3.4.1. The Readme file instructs you to authenticate at the *Check Point web site to obtain the Firewall software. For Check Point Release Notes and User Documentation, go to www.checkpoint.com.

Documentation

The following reference documentation for Release 2.3.3 and Release 2.3.4 is available on the Nortel Web site (see [How to get help on page 7](#)):

- *Nortel Switched Firewall 5100 Series Release 2.3.3 User's Guide and Command Reference (213455-L)*
- *Nortel Switched Firewall 5100 Series Release 2.3.3 Hardware Installation Guide (216382-D)*
- *Nortel Switched Firewall 5100 Series Release 2.3.3 Browser-Based Interface User's Guide (216383-D)*
- *Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.3 (213456-S)*
- *Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.4 (213456-T)*

Software support

Nortel Switched Firewall 5100 Series Release 2.3.4.1 supports Check Point® *VPN-1 and Firewall-1® NGX R61 software:

Table 1 Check Point version and corresponding NSF software images

Version	Build Version	NSF Software Images
R61 NGX	VPN-1 and Firewall-1 NGX Build 207	NSF5100_2.3.4.1_R61.img NSF5100_2.3.4.1_R61.iso NSF5100_2.3.4.1_R61.pkg

Hardware support

Nortel Switched Firewall 5100 Series 2.3.4.1 supports the following hardware platforms:

- NSF 5106
- NSF 5109
- NSF 5111-NE1
- NSF 5114
- NSF 5114-NE1

New feature

The Nortel Switched Firewall 5100 Series Release 2.3.4.1 augments Release 2.3.4 and supports the latest Check Point NGX R61 software.

The addition of Check Point NGX R61 to Nortel Switched Firewall 5100 Series Release 2.3.4.1 provides central management of perimeter, internal, Web, and endpoint security, advanced security and network logging, monitoring, and reporting from a single console.

Check Point NGX R61 software

Check Point NGX R61 software is an extension of Check Point NGX R60 based on the Check Point NGX security software platform for Check Point firewall, VPN management solutions. Check Point NGX R61 integrates endpoint security with perimeter, internal, and Web security gateway solutions and SmartDefense Services with SmartCenter and Provider-1.

Supported Check Point applications

Nortel Switched Firewall 5100 Series 2.3.4.1 supports the following Check Point applications:

- Firewall-1®
- ISP Redundancy
- User Authority®
- VPN-1®
- SmartDefense™
- NAT
- Authentication
- Content Security
- ClusterXL®
- Policy Server
- Floodgate-1®
- Management Tools
- SmartView Monitor™

- SmartCenter™ Server
- Smart Portal

The following management tools can be configured external to the NSF 2.3.4.1 software:

- SmartDashboard™
- SmartView Tracker™
- SmartView Status™

How to get help

This section explains how to get help for Nortel products and services.

Finding the latest updates on the Nortel Web site

The content of this documentation was current at the time the product was released. Click one of the links in [Table 2](#) to check for updates to the latest documentation and software:

Table 2 Links to Nortel resources

Link to	Takes you directly to the
Software downloads	Nortel page for software located at www.nortel.com
Software downloads	CheckPoint page for software located at www.checkpoint.com
Technical documentation	Nortel page for documentation located at www.nortel.com

Getting help from the Nortel Web site

The best way to get technical support for Nortel products is from the Nortel Technical Support Web site at www.nortel.com/support.

This site provides quick access to software, documentation, bulletins, and tools to address issues with Nortel products. From this site, you can:

- download software, documentation, and product bulletins
- search the Technical Support Web site and the Nortel Knowledge Base for answers to technical issues

- sign up for automatic notification of new software and documentation for Nortel equipment
- open and manage technical support cases

Getting help over the phone from a Nortel Solutions Center

If you do not find the information you require on the Nortel Technical Support web site, and you have a Nortel support contract, you can also get help over the phone from a Nortel Solutions Center.

In North America, call 1-800-4NORTEL (1-800-466-7835).

Outside North America, go to www.nortel.com/callus to obtain the phone number for your region.

Getting help from a specialist by using an Express Routing Code

To access some Nortel Technical Solutions Centers, you can use an Express Routing Code (ERC) to quickly route your call to a specialist in your Nortel product or service. To locate the ERC for your product or service, go to www.nortel.com/erc.

Getting help through a Nortel distributor or reseller

If you purchased a service contract for your Nortel product from a distributor or authorized reseller, contact the technical support staff for that distributor or reseller.