

Part No. 324343-A  
September 2007

4655 Great America Parkway  
Santa Clara, CA 95054

# Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.7



**NORTEL**

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# Contents

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Introduction .....	7
Software support for Release 2.3.7 .....	7
Hardware support for Release 2.3.7 .....	7
New features in Release 2.3.7 .....	9
Related publications .....	12
How to get help .....	14
Finding the latest updates on the Nortel web site .....	14
Getting help from the Nortel web site .....	14
Getting help over the phone from a Nortel Solutions Center .....	15
Getting help from a specialist by using an Express Routing Code .....	15
Getting help through a Nortel distributor or reseller .....	15



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## Introduction

These Release Notes provide an overview of changes to the Nortel Switched Firewall 5100 Series (NSF), Release 2.3.7.

For the latest information about Release 2.3.7, including known issues, limitations, and installation instructions, consult the *Nortel Switched Firewall 5100 Series Release 2.3.7. ReadMe* file at [www.nortel.com/support](http://www.nortel.com/support).

For a list of reference documentation in the Nortel Switched Firewall suite, refer to [Related publications](#).

## Software support for Release 2.3.7

Nortel Switched Firewall 5100 series Release 2.3.7 supports Check Point® \*VPN-1 and Firewall-1® NGX with the software mentioned in Table 1.

**Table 1** : Check Point version and corresponding Nortel Switched Firewall 5100 Series software images

Version	Build Version	Software Images
R60 NGX	VPN-1 and Firewall-1 NGX HFA_05, Hotfix 605 - Build 020	NSF5100_2.3.7.0_R60.iso
R65 NGX	VPN-1 and Firewall-1 NGX Build 427	NSF5100_2.3.7.0_R65.iso

## Hardware support for Release 2.3.7

The Nortel Switched Firewall 5100 Series Release 2.3.7 supports the following hardware platforms:

- NSF 5106
- NSF 5111-NE1
- NSF 5114-NE1
- NSF 5124-NE1

Hardware Models with their Product Equipment Code

<b>Hardware Model</b>	<b>PEC</b>
NSF 5106	EB1639107
NSF 5111	EB1639127, EB1639127E5
NSF 5114	EB1639128, EB1639128E5
NSF 5124	EB1639129, EB1639129E5



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## New features in Release 2.3.7

Release 2.3.7 includes the following features:

- Job Scheduling (Auto Backup Feature)
- Backup & Cloning between different Hardware's
- Support for RoHS compliant BCM5823 VPN Accelerator Card on Check Point R65
- Support for configuration of SecurID authentication for SSH through BBI
- Support for Check Point Express & SmartCenter Server modes in R65

The following sections describe the new features in Release 2.3.7.

### Job Scheduling (Auto Backup Feature)

Nortel switched firewalls takes the backup of the system configuration using CLI command. The current CLI implementation allows the user to take the backup only at runtime. There is no provision to schedule the time of the backup. For example, if the user wants to take the backup on a particular date of every month, there is no option to schedule the task, except for the user executes the CLI command at the required time.

A new feature called Schedule Backup provided in 2.3.7 release, allows the user to schedule the backup at the required time. The user can take the backup of the configuration to a remote server using the new CLI interface **maintenance/schedule** and restore the configuration using the **clone** command.

The configuration file name stored in the remote host is of 'filename\_isdip\_ddmmyyyy' format. For example if the file name is 'test', the final file name will be 'test\_10.10.1.1\_16Jul2007'.

### Backup & Cloning between different Hardware's

Earlier, it was possible to do a backup and clone between the same hardware models only.

Backup and clone between older and their newer replacement hardware models was not supported.

In 2.3.7, the clone feature has been modified to support backup and cloning between the older and newer hardware replacement models. For example, it is now possible to do a backup on an NSF5109 model and clone the configuration to a new NSF5111 model.

The list of compatible hardware models that support backup and clone is given below:

<b>Old hardware model, PEC</b>	<b>Replacement hardware model, PEC</b>	<b>Backup &amp; Clone</b>
NSF5109, EB1639046	NSF5111-NE1, EB1639127	Yes
NSF5114, EB1639065	NSF5114-NE1, EB1639128	Yes
NSF5124, EB1639063	NSF5124-NE1, EB1639129	Yes

## **Support for RoHS compliant BCM5823 VPN Accelerator Card on Check Point R65**

Added support for the new RoHS compliant BCM5823 VPN Accelerator card to work with Check Point R65.

## **Support for configuration of SecurID authentication for SSH through BBI**

SecurID authentication for SSH can now be configured through BBI.

Please refer to the NSF SecurID configuration through BBI guide for more information.

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## Support for Check Point Express & SmartCenter Server modes in R65

Configuring the NSF5100 firewall mode in 'Check Point Express Gateway' or 'Check Point Express Gateway and SmartCenter server' is supported in 2.3.7 release.

### Supported Check Point applications

Nortel Switched Firewall 5100 Series 2.3.7 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
- Eventia Reporter

Configure the following management tools outside the NSF 2.3.7 software:

- SmartDashboard™
- SmartView Tracker™
- SmartView Status™

## Related publications

For more information about the Nortel Switched Firewall 5100 Series, refer to the publications listed in [Table 2](#). For the link to these documents, Refer to [How to get help](#), [Finding the latest updates on the Nortel web site](#).

**Table 2** :Nortel Switched Firewall Release 2.3.7 Documentation

Document Type	Document Title	Part Number	Release Date
User's Guide	<i>Nortel Switched Firewall 5100 Series Release 2.3.3 User's Guide and Command Reference</i>	213455-L	November 1, 2005
User's Guide	<i>Nortel Switched Firewall 5100 Series Release 2.3.3 Browser-Based Interface User's Guide</i>	216383-D	October 28, 2005
Installation Guide	<i>Nortel Switched Firewall 5100 Series Release 2.3.3 Hardware Installation Guide</i>	216382-D	October 28, 2005
Release Notes	<i>Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.3</i>	213456-S	November 28, 2005
Release Notes	<i>Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.4</i>	213456-T	June 19, 2006
Release Notes	<i>Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.4.1</i>	213456-U	August 15, 2006

**Table 2** :Nortel Switched Firewall Release 2.3.7 Documentation (Continued)

<b>Document Type</b>	<b>Document Title</b>	<b>Part Number</b>	<b>Release Date</b>
Release Notes	<i>Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.5</i>	213456-V	October 13, 2006
Release Notes	<i>Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.5.1</i>	213456-W	January 19, 2007
Release Notes	<i>Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.6</i>	213456-Y	May 1, 2007
Release Notes	<i>Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.6.1</i>	213456-Z	June 1, 2007

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## 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. To check for updates to the latest documentation and software, click one of the following links:

**Table 3** Links

Link to	Takes you directly to the
<a href="#">Software downloads</a>	Nortel page for software located at <a href="http://www.nortel.com">www.nortel.com</a>
<a href="#">Software downloads</a>	CheckPoint page for software located at <a href="http://www.checkpoint.com">www.checkpoint.com</a>
<a href="#">Technical documentation</a>	Nortel page for documentation located at <a href="http://www.nortel.com">www.nortel.com</a>

### 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:

[www.nortel.com/support](http://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

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## 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 the following web site to obtain the phone number for your region:

[www.nortel.com/callus](http://www.nortel.com/callus)

## 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](http://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.

