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Release Notes for Nortel Switched Firewall 5100 Series Release 2.3.4



NORTEL

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Introduction

These Release Notes provide the latest information about the Nortel Switched Firewall 5100 Series for Release 2.3.4, including new feature content and supporting hardware and software information. 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 6](#)
- [New feature on page 6](#)
- [Usability enhancements on page 8](#)
- [How to get help on page 12](#)

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. 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 is available on the Nortel Web site (see [How to get help on page 12](#)):

- *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)*

Software support

Nortel Switched Firewall 5100 Series Release 2.3.4 supports Check Point® *VPN-1 and Firewall-1® NG and NGX with the following Application Intelligence software:

Table 1 Check Point version and corresponding NSF software images

| Version | Build Version | NSF Software Images |
|---------|--|---|
| R55 NG | VPN-1 and Firewall-1 NG with Application Intelligence R55 HFA_17, Hotfix 670, Build 005 | NSF5100_2.3.4.0_R55.img NSF5100_2.3.4.0_R55.iso NSF5100_2.3.4.0_R55.pkg |
| R60 NGX | VPN-1 and Firewall-1 NGX with Application Intelligence R60, Build 458 with Hotfix 014, Build 009 | NSF5100_2.3.4.0_R60.img NSF5100_2.3.4.0_R60.iso NSF5100_2.3.4.0_R60.pkg |

Hardware support

Nortel Switched Firewall 5100 Series 2.3.4 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 supports a new feature, Eventia Reporter.

Eventia Reporter

With CheckPoint R60, the CheckPoint Eventia Report monitors and audits traffic. The Eventia Reporter Server reads data from the SmartCenter server to generate detailed or summarized reports for all events logged by CheckPoint VPN-1 Pro, Secure Client, and Smart Defense.

Configuring Eventia Reporter

Configure Eventia Reporter in one of the following two modes:

- SmartCenter Standalone
- SmartCenter Distributed

SmartCenter Standalone mode

To operate in SmartCenter Standalone mode, configure Eventia Reporter on the SmartCenter Server.

SmartCenter Distributed mode

To operate in SmartCenter Distributed mode, configure Eventia Reporter on a dedicated reporting machine. Install the Eventia Reporter Add-On, which contains data files with report definitions, on the SmartCenter Server.

Using the CLI to configure Eventia Reporter

Use the CLI commands in [Table 2](#) to configure the Eventia Reporter.

Table 2 Configuring Eventia Reporter using the CLI

```
>> Main# /cfg/fw/eventia/
-----
[Eventia Reporter Configuration menu]
   ena          - Enable Eventia Reporter
   dis          - Disable Eventia Reporter
>> Eventia Reporter Configuration# ena
   Current value: disabled
   Enabling Eventia Reporter will reboot the Firewall when you
   apply: 1. Local mode; 2. Distributed mode: 1 <Select the desired
   mode as 1 or 2>
```

Eventia Reporter is disabled by default. When you enable Eventia Reporter and select the mode, the Firewall reboots. To select the mode use its numeric value.

Numeric values for mode selections are:

1. Local mode (SmartCenter Standalone)
2. Distributed mode

Usability enhancements

Nortel Switched Firewall Series 5100 Release 2.3.4 supports the following usability enhancements:

- SNMP MIB file download using the CLI
- Enhanced CLI for Static Routes
- Enhanced Browser-based Interface for Static Routes

Downloading SNMP MIB files using the CLI

You can download all SNMP MIB files using one CLI command as shown in [Table 3](#).

Table 3 Downloading SNMP MIB files .

```
>> Main# /maint/snmp/mibs/
-----
Select protocol (ftp/tftp/scp/sftp): scp
Enter the file name [mibfiles.tgz]:
Enter hostname or IP address of scp server: 10.10.1.3
username: anonymous
password:*****
Enter the file path: <Enter the destination path at the SCP
Server>
Upload successful
```


Configuring Static Routes using the CLI

The CLI enhancement for Static Route configuration supports direct edit of an existing Static Route. You no longer need to delete an existing Static Route and create a new one to establish a change.

The revised CLI Static Route configuration is shown in [Table 4](#).

Table 4 Configuring Static Routes

```
>> Main# /cfg/net/routes
Enter static router number (1-1024): 1
Creating Static Route 1
-----
[Static Route 1 Menu]
  addr      - Set destination host or network address
  mask      - Set destination subnet mask
  gw        - Set gateway IP address
  comment   - Set description for the static route
  ena       - Enable this static route
  dis       - Disable this static route
  del       - Remove Static Route

>> Static Route 1# addr 11.11.11.0
>> Static Route 1# mask 24
>> Static Route 1# gw 10.10.1.254
>> Static Route 1# comment
Current value: ""
Enter comment: Route to 11.11.11.0 network
>> Static Route 1# ena

>> Static Route 1# /info/net/route/static

Static Route 1:
  Destination host or network address = 11.11.11.0
  Destination subnet mask = 255.255.255.0
  Gateway IP address = 10.10.1.254
  Description for the static route = Route to 11.11.11.0 network
  Enable this static route = y
```

Configuring Static Routes using the BBI

The BBI enhancement for Static Route configuration supports direct edit of an existing Static Route. You no longer need to delete an existing Static Route and create a new one to establish a change.

The revised BBI Static Route configuration is shown in [Figure 1](#) and [Figure 2](#).

Figure 1 Static Routes

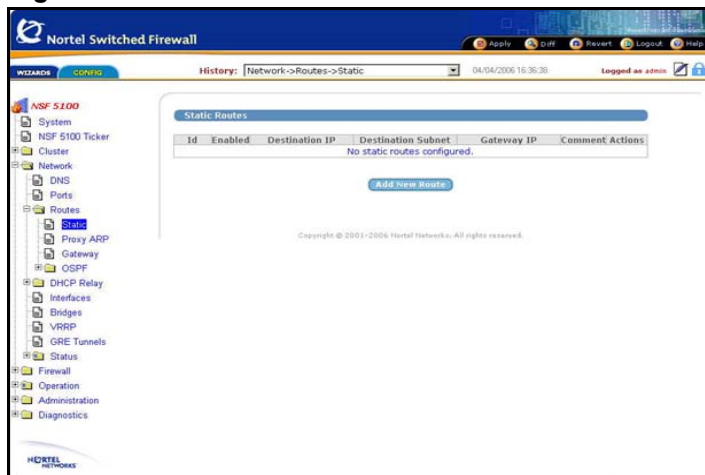
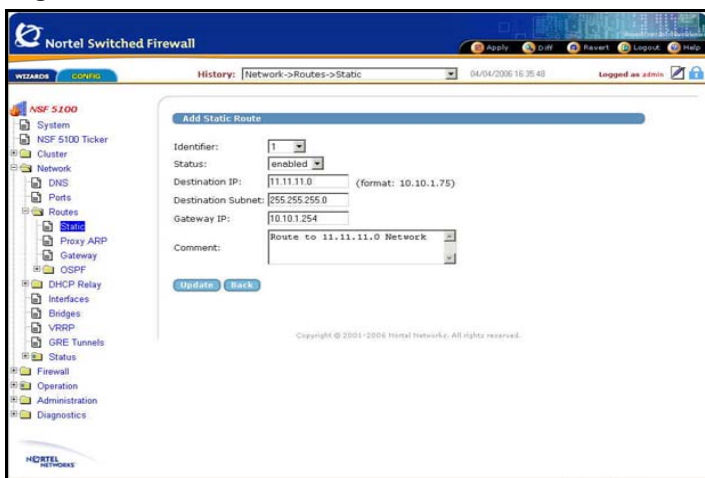


Figure 2 Add Static Route



To configure Static Routes using the BBI, do the following:

1. From the NSF 5100 main menu select **Network**:
The Network selections open in the menu tree.
2. Select **Routes**.
The route selections open in the menu tree.
3. Select **Static**.
The Network/Routes/Static page appears.
4. On the Network/Routes/Static page, click **Add New Route**.
The Add Static Route page appears.
5. Enter the configuration information in the boxes on the Network/Routes/Static page.
6. Do one of the following:
 - Click **Update** to send the new Static Route configuration to the pending configuration.
 - Click **Back** to return to the Network/Routes/Static page without sending the new Static Route configuration to the pending configuration.

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 5](#) to check for updates to the latest documentation and software:

Table 5 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.

