



Alteon Switched Firewall 4.0.3 Release Notes

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Licensing

This product includes software developed by Check Point Software Technologies (<http://www.checkpoint.com>). This product also contains software developed by other parties.

Regulatory Compliance

International regulatory statements of conformity

This is to certify that the Nortel Networks 8000 Series chassis and components installed within the chassis were evaluated to the international regulatory standards for electromagnetic compliance (EMC) and safety and were found to have met the requirements for the following international standards:

- EMC - Electromagnetic Emissions – CISPR 22, Class A
- EMC - Electromagnetic Immunity – CISPR 24

- Electrical Safety – IEC 60950, with CB member national deviations

Further, the equipment has been certified as compliant with the national standards as detailed below.

National electromagnetic compliance (EMC) statements of compliance

FCC statement (USA only)

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the Federal Communications Commission (FCC) rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy. If it is not installed and used in accordance with the instruction manual, it may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference, in which case users will be required to take whatever measures may be necessary to correct the interference at their own expense.

ICES statement (Canada only)

Canadian Department of Communications Radio Interference Regulations

This digital apparatus does not exceed the Class A limits for radio-noise emissions from digital apparatus as set out in the Radio Interference Regulations of the Canadian Department of Communications.

Règlement sur le brouillage radioélectrique du ministère des Communications

Cet appareil numérique respecte les limites de bruits radioélectriques visant les appareils numériques de classe A prescrites dans le Règlement sur le brouillage radioélectrique du ministère des Communications du Canada.

CE marking statement (Europe only)

EN 55 022 statements

This is to certify that the Nortel Networks equipment are shielded against the generation of radio interference in accordance with the application of Council Directive 89/336/EEC. Conformity is declared by the application of EN 55 022 Class A (CISPR 22).

Warning: This is a Class A product. In a domestic environment, this product may cause radio interference, in which case, the user may be required to take appropriate measures.

Achtung: Dieses ist ein Gerät der Funkstörgrenzwertklasse A. In Wohnbereichen können bei Betrieb dieses Gerätes Rundfunkstörungen auftreten, in welchen Fällen der Benutzer für entsprechende Gegenmaßnahmen verantwortlich ist.

Attention: Ceci est un produit de Classe A. Dans un environnement domestique, ce produit risque de créer des interférences radioélectriques, il appartiendra alors à l'utilisateur de prendre les mesures spécifiques appropriées.

EN 55 024 statement

This is to certify that the Nortel Networks equipment is shielded against the susceptibility to radio interference in accordance with the application of Council Directive 89/336/EEC. Conformity is declared by the application of EN 55 024 (CISPR 24).

EC Declaration of Conformity

This product conforms to the provisions of the R&TTE Directive 1999/5/EC.

VCCI statement (Japan/Nippon only)

This is a Class A product based on the standard of the Voluntary Control Council for Interference (VCCI) for information technology equipment. If this equipment is used in a domestic environment, radio disturbance may arise. When such trouble occurs, the user may be required to take corrective actions.

この装置は、情報処理装置等電波障害自主規制協議会（VCCI）の基準に基づくクラスA情報技術装置です。この装置を家庭環境で使用すると電波妨害を引き起こすことがあります。この場合には使用者が適切な対策を講ずるよう要求されることがあります。

BSMI statement (Taiwan only)

This is a Class A product based on the standard of the Bureau of Standards, Metrology and Inspection (BSMI) CNS 13438, Class A.

警告使用者：

這是甲類的資訊產品，在居住的環境中使用時，可能會造成射頻干擾，在這種情況下，使用者會被要求採取某些適當的對策。

MIC notice (Republic of Korea only)

This device has been approved for use in Business applications only per the Class A requirements of the Republic of Korea Ministry of Information and Communications (MIC). This device may not be sold for use in a non-business application. Reference Regulatory label on the base of the equipment for specific Korean approval information.

National Safety Statements of Compliance

CE marking statement (Europe only)

EN 60 950 statement

This is to certify that the Nortel Networks equipment are in compliance with the requirements of EN 60 950 in accordance with the Low Voltage Directive. Additional national differences for all European Union countries have been evaluated for compliance. Some components installed within the 8000 Series chassis may use a nickel-metal hydride (NiMH) and/or lithium-ion battery. The NiMH and lithium-ion batteries

are long-life batteries, and it is very possible that you will never need to replace them. However, should you need to replace them, refer to the individual component manual for directions on replacement and disposal of the battery.

Lithium Battery Cautions

Caution—This product contains a lithium battery. Batteries are not customer replaceable parts. They may explode if mishandled. Do not dispose of the battery in fire. Do not disassemble or recharge.

(Norge) ADVARSEL—Litiumbatteri - Eksplosjonsfare. Ved utskifting benyttes kun batteri som anbefalt av apparatfabrikanten. Brukt batteri returneres apparatleverandøren.

(Sverige) VARNING—Explosionsfara vid felaktigt batteribyte. Använd samma batterityp eller en ekvivalent typ som rekommenderas av apparattillverkaren. Kassera använt batteri enligt fabrikantens instruktion.

(Danmark) ADVARSEL! Litiumbatteri - Eksplosionsfare ved fejlagtig håndtering. Udsiftning må kun ske med batteri af samme fabrikat og type. Levér det brugte batteri tilbage til leverandøren.

(Suomi) VAROITUS—Paristo voi räjähtää, jos se on virheellisesti asennettu. Vaihda paristo ainoastaan laitevalmistajan suosittelemaan tyyppiin. Hävitä käytetty paristo valmistajan ohjeiden mukaisesti.

Safety Information

Caution—Nortel Networks products are designed to work with single-phase power systems having a grounded neutral conductor. To reduce the risk of electric shock, do not plug Nortel Networks products into any other type of power system. Contact your facilities manager or a qualified electrician if you are not sure what type of power is supplied to your building.

Caution—Not all power cords have the same ratings. Household extension cords do not have overload protection and are not meant for use with computer systems. Do not use household extension cords with your Nortel Networks product.

Caution—Your Nortel Networks product is shipped with a grounding type (three-wire) power cord. To reduce the risk of electric shock, always plug the cord into a grounded power outlet.

NOM statement (Mexico only)

The following information is provided on the devices described in this document in compliance with the safety requirements of the Norma Oficial Mexicana (NOM):

Exporter: Nortel Networks, Inc.
4655 Great America Parkway
Santa Clara CA 95054 USA

Importer: Nortel Networks de México, S.A. de C.V.
Avenida Insurgentes Sur #1605
Piso 30, Oficina
Col. San Jose Insurgentes
Deleg-Benito Juarez
México D.F. 03900

Tel: 52 5 480 2100

Fax: 52 5 480 2199

Input: 100 to 240 VAC, 50 to 60 Hz, 9 A max. per power supply
single supply, or + one redundant supply configurations

Información NOM (unicamente para México)

La información siguiente se proporciona en el dispositivo o en los dispositivos descritos en este documento, en cumplimiento con los requisitos de la Norma Oficial Mexicana (NOM):

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Piso 30, Oficina
Col. San Jose Insurgentes
Deleg-Benito Juarez
México D.F. 03900

Tel: 52 5 480 2100

Fax: 52 5 480 2199

Embarcar a: 100 to 240 V CA, 50 to 60 Hz, 9 A max. por fuente de poder
una fuente o una + configuraciones de una fuente redundante



Release Notes

These release notes provide the latest information regarding your Alteon Switched Firewall, version 4.0.3 and higher.

Documentation

This document is a supplement to the complete documentation suite. Please keep this document with your product manuals.

These documents are available on the Web. The manuals are PDF files which can be read and printed using the free Acrobat Reader software available from Adobe Systems Incorporated (<http://www.adobe.com>). To obtain a manual in hardcopy format, contact your Nortel sales representative and order the part numbers. You can also download the manuals from the Nortel Technical Support Web site. The Nortel Networks Technical Support Web site also provides access to customer support for accounts under warranty or accounts that are covered by a maintenance contract.

Release 4.0.3 Changes

Hardware support

Accelerated Switched Firewall (ASF) 4.0.3 supports the following hardware platforms:

ASF 6414 (6400 Accelerator + 5014 Director)

ASF 6614 (6600 Accelerator + 5014 Director)

Software support

ASF 4.0.3 supports the following Check Point builds:

- Check Point NG with Application Intelligence (R54) with HFA-414
- Check Point NG with Application Intelligence (R55) with HFA-12

The following Check Point applications are supported by ASF 4.0.3:

- Firewall (on-box):
 - SmartDefense, Load Sharing, NAT, Authentication, Content Security, Securing Voice over IP (VOIP)
- SmartView Monitor (on-box and off-box)
- SmartCenter Server (off-box)
- SmartDashboard (off-box)
- SmartView Tracker (off-box)
- SmartView Status (off-box)
- Provider-1 (off-box)

Note: In this Release Note, “on-box” refers to “on the Switched Firewall Director (SFD)” and “off-box” means the application can run outside the SFD.

Usability enhancements

Release 4.0.3 implements several usability enhancements. These enhancements are:

- New Command Line Interface (CLI)
- New CLI commands to:
 - View port properties and ASF capability
 - Download Secure-ID configuration
 - Simplify packet capture using the `fw monitor` command
 - View traffic information

New Command Line Interface

A Command Line Interface (CLI) is added to create an interface in the SFD for external users. Use this new interface to connect to the Check Point management station and the Browser Based Interface (BBI) before configuring ASF interfaces.

New CLI commands

View port properties and ASF capability

Release 4.0.3 introduces new CLI commands to show port properties (`/info/net/sfdports`) and ASF capability (`/info/capability`).

Download Secure-ID configuration

Release 4.0.3 introduces a command to download Secure-ID configuration (`/cfg/apps/secuid/`).

Simplify packet capture using the `fw monitor` command

The current `fw monitor` command has complex syntax. Release 4.0.3 adds a new CLI command (`/info/fwmon`) to simplify the packet capture using `fw monitor`. The CLI provides an easy and quick way to capture packets. For packet capture with advanced filters, Nortel recommends using the `fw monitor` command from the root prompt.

View traffic information

A new command shows traffic information (`/info/traffic`) from the CLI.

SFA link teardown during failover

In many deployments, it is required to do failover of connected devices when SFAs failover. With the new feature, the ASF software takes down link states on the Ethernet ports connected to the next hop routers/switches when an SFA fails over to the standby SFA. This allows the connected routers/switches to sense this ASF failover and failover themselves to their backup components, which are connected to the now active SFA. This behavior can be turned on a per port basis using “`/cfg/net/port <n>/bounce`” on the CLI.