RELEASE NOTES:

Alteon Switched Firewall™

Release 3.0.3

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NORTEL NETWORKS™

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Originated in the USA.

Release Notes

These release notes provide the latest information regarding your Alteon Switched Firewall, version 3.0.3 and higher. This supplement modifies information found in the complete documentation. Please keep this information with your Nortel Networks product manuals.

Documentation

The *Alteon Switched Firewall Installation and User's Guide* (part number 212535-E) is available on the Web. The manual is a PDF file which can be read and printed using the free Acrobat Reader software available from Adobe Systems Incorporated (http://www.adobe.com).

NOTE – To obtain a manual in hardcopy format, contact your Nortel Networks sales representative and order part number 212535-E.

Late-Breaking News

Please check your software and documentation for any readme.txt file. The readme file may contain important information regarding the product. View the file in any standard text editor.

Release 3.0.3 Changes

Software Support

ASF software release 3.0.3 fully supports Check Point FireWall-1 NG software with Feature Pack 3 (FP-3) Hotfix 2 and Feature Pack 2 (FP-2) Hotfix 1, Release 3.

Hide NAT under a clustered environment is not supported for FP-3.

Routing Support

The ASF implementation of Open Shortest Path First (OSPF) and RIP supports route redistribution. You can redistribute connected routes, static routes, OSPF routes and the default route over RIP. Similarly, you can redistribute connected routes, static routes, RIP routes and the default route over OSPF.

Port Mirroring

ASF software release 3.0.3 supports port mirroring for diagnostics. You can mirror ingress, egress, and/or both types of traffic from one or more ports to a monitor port.

SP Route Lookup

The routing functionality on the accelerator has been moved from the Management Processor (MP) to the Switch Processor (SP), resulting in increased performance and optimal use of the Address Resolution Protocol (ARP) cache. The Firewall Accelerator has an effective ARP cache of 144K (16K * 9 ports).

In earlier versions of ASF, since all routing was done by the MP, the arp cache of the accelerator was limited to the arp cache of the MP which was only 4K. Although automatic configuration of local nets is still enabled by default, it is safe to turn it off in most situations. To turn off automatic configuration of local nets, use the following command, `/cfg/net/adv/local/auto n/apply`.

Disabling VRRPMAC in the CLI

In ASF 3.0.3 the `/cfg/acc/vrrpmac` command is not supported. This command is disabled because of interoperability issues with the SP route lookup feature.

Product Name Change

The ASF components have been renamed for integration into Nortel Networks' larger vision for network security products. Although the manual uses the new product names, the information still applies to the Alteon Firewall Accelerator ("SFA") and Firewall Director ("SFD") products you may currently use.

The following table clarifies how the documentation describes your older ASF products:

Table 1 ASF Product Names

Component	Old Name	New Name
Firewall Accelerators	SFA-185	SFA 5700
	SFA-184	SFA 5600
	SFA-AD4	SFA 5400
	SFA-AD3	SFA 5300
Firewall Directors	SFD-310	SFD 5010
	SFD-308	SFD 5008