

# RELEASE NOTES:



## Alteon Switched Firewall™ Release 3.0.1

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Originated in the USA.



# Release Notes

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These release notes provide the latest information regarding your Alteon Switched Firewall, version 3.0.1 and higher. This supplement modifies information found in the complete documentation. Please keep this information with your Nortel Networks product manuals.

## Documentation

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The *Alteon Switched Firewall Installation and User's Guide* (part number 212535-D) 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>).

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

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## Late-Breaking News

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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 3.0.1 Changes

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## Software Support

ASF software release 3.0.1 fully supports Check Point FireWall-1 NG software with Feature Pack 2 (FP-2) Hotfix 1, Release 3.

## 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	185-SFA	ASF 5700
	184-SFA	ASF 5600
	AD4-SFA	ASF 5400
	AD3-SFA	ASF 5300
Firewall Directors	SFD-310	ASF 5010
	SFD-308	ASF 5008

## Routing Support

- The ASF implementation of Open Shortest Path First (OSPF) supports up to 16 areas.
- ASF 3.0 supports RIP v1 and v2 routing protocols.

This feature allows you to enable or disable RIP globally and on each interface. You can also select the version of RIP to be enabled on each interface and or globally.

## Enhanced Protection Against DOS Attack

ASF 3.0.1 supports a flood block feature that limits the amount of new traffic that enters the ASF, thereby containing any attack. The traffic limiting is enforced in the Firewall Accelerator, however the Firewall Director monitors the traffic and sets the limit based on the current traffic level. The flood blocking mechanism prevents the Director from receiving more packets than it can handle, thus saving the CPU from wasting all its cycles on receiving and then dropping the excess packets. This feature protects the Firewall Director from a sudden burst of traffic or a deliberate attack. Any kind of traffic is contained by this mechanism. Sessions that are already created are not affected by a new attack.

Management traffic, however is given higher priority. An administrator on the management net can always communicate with the Firewall Directors, even under attack. This allows the user to access the Firewall Director logs, analyze the traffic and configure appropriate filters to block the attack traffic.

## Alteon Security Manager (ASM) Support

ASM allows you to manage a network of Alteon Switched Firewall systems. ASM is closely integrated with the well-known and widely used network management platform, HP OpenView Network Node Manager (NNM), and eases the management of a network of ASF systems.

## Partially Accelerated Sessions

The ASF Director has more memory and, therefore, it can hold more connections than the Firewall Accelerator. Partially Accelerated Connection allows you to take advantage of this feature and increase the maximum concurrent connections.

