



# Threat Protection System

## Snort Engine Update 259

### Release Summary

**Release Date:** 01-September-2009

**Purpose:** The Snort Engine Upgrade (SEU) 259 (previous SEU-256) applies to:

- 3D Sensor Version: 4.8 and 4.7
- Defense Center Version(s): 4.8 and 4.7

### **SEU Change Summary:**

Component	Change
Total new rules	10
Total rule modifications	30
Policy change	Yes
Online help change	No
Detection Engine change	No
User Interface change	No

**Note:** SEU packages are cumulative. The installation of prior SEU packages is not required before installing the current package.

**WARNING:** The time taken to install the latest SEU will depend on the last time the 3D System was updated with an SEU. Installing SEUs weekly can help lessen the installation time. Additionally, SEUs require 50 Megabytes of free space in /tmp and 150 Megabytes of free space in /var to install successfully.

### Synopsis

This release adds and modifies rules in several categories.

### Details

**Microsoft IIS FTP Buffer Overflow:** The Microsoft FTP module for Internet Information Services (IIS) contains a programming error that may allow a remote attacker to execute code on an affected system. The problem occurs in the processing of specially crafted directory names which an attacker can leverage to cause a stack based buffer overflow.

Previously released rules will detect attacks targeting this vulnerability and are identified with GID 1, SIDs 1529, 1973, 2374 and 3441. Additionally, the FTP Telnet preprocessor will detect attacks targeting this vulnerability, these events are identified with GID 125, SIDs 3, 6 and 8.

Additionally, as a result of ongoing research, the Nortel Threat Protection System Team has added multiple rules to the web-activex, web-client, specific-threats, shellcode and bad-traffic rule sets to provide coverage for emerging threats from these technologies.

**WARNING:** Nortel Threat Protection System customers must upgrade to 4.5.1 prior to applying this patch. Failure to upgrade will result in sensor failure when installing these rules.

Snort Engine Updates: In Threat Protection System v4.1, Snort Engine Updates (SEUs) replaced rule pack updates as the mechanism for updating Snort and Snort-based rules. In addition, SEUs can provide new and updated preprocessors and protocol decoders that aid in detecting intrusion attempts.

Note that SEUs can contain new binaries (in the form of shared object rules and new versions of Snort), so make sure that your process for installing new SEUs complies with your network and security policies.

Shared Object Rules: Shared object rules (SORs) are a new type of rule that allows the Nortel Threat Protection System Team more flexibility in detecting possible intrusions. SORs are delivered in SEUs in binary format as compared with the text rules (now called standard text rules or STRs) that were provided in previous rule packs.

You can view the rule documentation and create copies of shared object rules just as you could with standard text rules. However, you can only view and modify attributes such as the message or the source and destination ports and addresses in the rule header. You cannot view or modify the rule keywords section, including rule content keywords. Note that you can still create and modify your own standard text rules, and you can view, copy, and modify any of the legacy standard text rules.

## **How to get help**

If you have purchased a Nortel service program, contact Nortel Technical Support. To obtain contact information online, go to [www.nortel.com](http://www.nortel.com), and then click on Technical Support.

From the Technical Support page, you can open a Customer Service Request online or find the telephone number for the nearest Technical Solutions Center. If you are not connected to the Internet, you can call 1-800-4 NORTEL (1-800-466-7835) to learn the telephone number for the nearest Technical Solutions Center.

An Express Routing Code (ERC) is available for many Nortel products and services. When you use an ERC, your call is routed to a technical support person who specializes in supporting that product or service. To locate an ERC for your product or service, go to <http://www.nortel.com/support>. Click on the link for Express Routing Codes located at the bottom-right corner of the Web page.

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