



# Threat Protection System

## Snort Engine Update 140

### Release Summary

**Release Date:** 22-April-2008

**Purpose:** This update is SEU 140 for all models of the 3D Sensor version 4.7, the 4.7 and 4.6 series of the Defense Center and Intrusion Sensor version 4.6.

**Note:** All 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

The Nortel TPS Team is aware of vulnerabilities affecting HP OpenView and Asterisk Open Source applications.

### Details

#### **HP OpenView Network Node Manager Buffer Overflow (CVE-2008-1697):**

A programming error in HP OpenView Network Node Manager may allow a remote attacker to cause a stack based buffer overflow. The condition may be exploited via a long URI in an HTTP request that the attacker could use to execute code on an affected system.

A rule to detect attacks targeting this vulnerability is included in this release and is identified with SID 13715.

#### **Asterisk RTP Buffer Overflow Vulnerabilities (CVE-2008-1289):**

A programming error in Asterisk Open Source may allow a remote attacker to execute code on an affected system. The problem occurs in the handling of RTP payloads and payload sizes.

A rule to detect attacks targeting this vulnerability is included in this release and is identified with SID 13715.

The Nortel TPS Team has also added multiple rules related to ActiveX controls and the detection of Tor network traffic.

**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**

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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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