



## Nortel Threat Protection System SEU/Rule Update

Date: 02/20/2007

Software Files and File Names:

TPS 4.5.1 Series SEU#65  
TPS 4.6 Series SEU #65

TPS\_Snort\_Engine\_Upgrade-65-vrt.sh  
TPS\_Snort\_Engine\_Upgrade-65-vrt.sh

Rule Update Synopsis:

This SEU contains the previously released fix for the DCE/RPC preprocessor from SEU 64. All SEU releases are cumulative, it is not necessary to install SEU 64 before installing SEU 65 to fix the problem with the DCE/RPC preprocessor.

For more information about the vulnerability and the fix, refer to the release notes for SEU 64.

Details:

The DCE/RPC preprocessor was vulnerable to a stack-based buffer overflow that could potentially allow a remote attacker to execute code in the context of the user running Snort.

Rules to detect attacks targeting this vulnerability are included in this release and are identified as SIDs 10158 through 10160.

Additionally a shared object rule to detect attacks targeting this vulnerability is included in this release and is identified as GID 3 SID 10161.

Note: Shared object rules are disabled by default in detection policies. The Nortel VRT recommends changing the state of this rule to on in order to gain comprehensive coverage for this threat.

**WARNING!** This SEU does not support version 4.1.x or earlier. If your Intrusion Sensor has not been upgraded to version 4.5.x or later and you manually enabled the DCE/RPC preprocessor through a setting in the `user.conf` file, you must either disable the preprocessor in the `user.conf` file or upgrade your sensor to the latest version and import this SEU. See [Updating the user.conf File in v4.1.x](#) for more information.

**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.