



## Nortel Threat Protection System SEU/Rule Update

Date: 04/20/2007

Software Files and File Names:

TPS 4.5.1 Series SEU#73  
TPS 4.6 Series SEU #73

TPS\_Snort\_Engine\_Upgrade-73-vrt.sh  
TPS\_Snort\_Engine\_Upgrade-73-vrt.sh

This update is SEU 73 for all models of the 4.6 and 4.5 series of the Defense Center and Intrusion Sensor.

### Synopsis:

The TPS team, is aware of vulnerabilities affecting hosts using the Microsoft DNS Server Service. This release enhances the detection capabilities for this vulnerability.

### Details:

#### **Microsoft Security Advisory (935964):**

Microsoft DNS Server Service is prone to a vulnerability that may allow a remote attacker to execute code on an affected system. This issue is present in the RPC interface of servers using Microsoft's implementation of DNS.

In order to detect attacks targeting this vulnerability, the DCE/RPC preprocessor must be configured to use 'autodetect'. This is the default behavior for the preprocessor.

The TPS team has continued research into this issue. As a result, this release provides improved detection for attacks targeting this vulnerability.

**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.

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