Nortel Intrusion Sensor
Release 4.6.0.2 Release Notes
February 19, 2007

For the Nortel Intrusion Sensor Release 4.6.0.2, these release notes describe:

Issues Resolved in Release 4.6.0.2

Upgrading Existing Intrusion Sensors

Uninstalling the Upgrade

Product Compatibility

‖ Issues Resolved in Release 4.6.0.2

The following issues are resolved in Release 4.6.0.2:

Fixed an issue where (null) appeared in place of the number of records in the title of an email alert. The correct number of records now appears. (32398)

Fixed an issue where users with Admin access assigned to their accounts could not view all tasks in the task status queue. (32528)

Fixed an issue where connections to managed sensors lapsed and were not re-established because no packets were sent to maintain the connection. (32858)

Fixed an issue where older log files were not automatically pruned. (32934)

Fixed an issue where log files were not pruned after upgrade. (32826)

Fixed an issue where users with Data access assigned to their accounts could set suppression options in all local policies through the packet view. (33243)

‖ Upgrading Existing Intrusion Sensors

This section outlines how to plan and perform the upgrade of your Intrusion Sensor. **IMPORTANT!** Nortel recommends that you use the Defense Center to upgrade managed Intrusion Sensors. For more information, refer to the release notes for the Defense Center.

To plan your upgrade, read the following steps:

1. Prepare for the upgrade. Make sure that:

you upgrade the Defense Center, if any, that manages the Intrusion Sensor to Release 4.6.0.2

Make sure that after you upgrade the Defense Center, you install the latest SEU and apply intrusion policies to your IDS/IPS detection engines **before** you upgrade the Intrusion Sensor. For more information, refer to the Defense Center release notes.

your Intrusion Sensor is running the correct version (4.6.0) of the Nortel TPS software

If you are running an earlier version, you can obtain upgrades from the Nortel Support Site.

you have enough free disk space

You must have at least 4 MB of free space on the / partition and 7 MB of free space on the /var partition to complete this upgrade successfully.

you plan your upgrade for a time when it will have the least impact on your deployment; be sure to schedule the upgrade during non-peak hours

2. Optionally, back up your event and configuration data and save it to a local computer.

Although the upgrade process retains event and configuration data, Nortel strongly recommends that you back the data up yourself before you perform the upgrade.

3. Perform the upgrade, as described in Upgrading the Intrusion Sensor.

Once you begin the upgrade, you can monitor its progress in the task queue (**Operations > Monitoring > Task Status**). Do **not** use the web interface to perform any other tasks until the upgrade has completed.

If the task queue stops updating with current status, manually refresh your browser. If you encounter issues with the upgrade, for example, if the task queue indicates that the upgrade has failed or if a manual refresh of the task queue shows no progress, do **not** restart the upgrade. Instead, please contact Nortel Support.

4. Complete any required post-upgrade steps, as described in After You Upgrade.

Upgrading the Intrusion Sensor

To upgrade an Intrusion Sensor:

1. Download the Intrusion Sensor Release 4.6.0.2 upgrade script (`Nortel_TPS_Intrusion_Sensor_Patch_4.6.0_to_4.6.0.2-#.sh`) from the Nortel Support Site.

WARNING! Download files directly from the Nortel Support Site and do not transfer them by email. If you transfer an update file by email, it may become corrupted.

2. Select **Operations > Update.**

The Patch Management Update page appears.

3. Click **Upload Update** to browse to the location where you saved the upgrade script, then click **Upload.**

The upgrade appears in the Updates list.

4. Next to the upgrade you just uploaded, click **Install.**

IMPORTANT! You can monitor the upgrade's progress in the task queue (**Operations > Monitoring > Task Status**). Do **not** use the web interface to perform any other tasks until the upgrade has completed. If the task queue stops updating with current status, manually refresh your browser. If you encounter issues with the upgrade, for example, if the task queue indicates that the upgrade has failed or if a manual refresh of the task queue shows no progress, do **not** restart the upgrade. Instead, please contact Nortel Support.

5. After the upgrade finishes, clear your browser cache and force a reload of the browser. (Otherwise, the user interface may exhibit unexpected behavior.)

6. Select **Operations > Help > About** and confirm that the software version is listed as 4.6.0.2.

7. Continue with the tasks you need to perform after the upgrade, including:

applying any available upgrades or patches to the Intrusion Sensor

installing the latest SEU and reapplying intrusion policies to IDS/IPS detection engines

For more information, see the sections that follow.

After You Upgrade

After you complete the upgrade, you **must:**

install the latest SEU. You have two options:

if your Intrusion Sensor is managed by a Defense Center, install the SEU on the Defense Center

if your Intrusion Sensor is **not** managed by a Defense Center, install the SEU on the Intrusion Sensor

Then, reapply intrusion policies to your detection engines.

Note that applying an intrusion policy causes the detection engines to restart, which can cause a short pause in processing and, for detection engines with inline interface sets, may cause a few packets to pass through the sensor uninspected.

For more information, refer to the *Intrusion Sensor User Guide.*

‖ Uninstalling the Upgrade

Uninstalling the upgrade results in an Intrusion Sensor running Release 4.6.0. For information on uninstalling Release 4.6.0, refer to the notes for that release.
You **cannot** use the Defense Center to uninstall the upgrade from Intrusion Sensors.
To uninstall the upgrade from the Intrusion Sensor:

1. Select **Operations > Update.**

   The Patch Management Update page appears.

2. Next to the uninstaller that matches the upgrade you want to remove, click **Install.**

   The upgrade is removed and the Intrusion Sensor returns to Release 4.6.0.

   WARNING! You can monitor the uninstallation progress in the task queue (**Operations > Monitoring > Task Status**). If the task queue stops updating with current status, manually refresh your browser. If you encounter issues with the uninstallation, for example, if the task queue indicates that the uninstallation has failed or if a manual refresh of the task queue shows no progress, **do not** restart the uninstallation. Instead, contact Nortel Support.

3. After the uninstall finishes, select **Operations > Help > About** and confirm that the software version is listed as Release 4.6.0.

‖ Product Compatibility

You must use Release 4.6.0.2 of the Defense Center to manage Release 4.6.0.2 of the Intrusion Sensor.

‖ For Assistance

If you have any questions or require assistance with the Nortel Defense Center, Intrusion Sensor, RTI Sensor, or any of the software sensors, please contact Nortel Support.

   Visit the Nortel Support Site at http://www.nortel.com/support.

   Email Nortel Support at support@nortel.com.

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