

Nortel Intrusion Sensor

Release 4.5.1.5 Release Notes

February 27, 2007

For the Nortel Intrusion Sensor Release 4.5.1.5, these release notes describe:

[New Features and Functionality](#)

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You can use this patch to upgrade from version 4.5.1 through version 4.5.1.3 to version 4.5.1.5.

II New Features and Functionality

Release 4.5.1.5 of the Nortel Intrusion Sensor does not include any new features or functionality. However, this release is cumulative from version 4.5.1, so be sure to review the release notes for previous releases for any new features they may have introduced.

II Issues Resolved in Release 4.5.1.5

The following issue is resolved in Release 4.5.1.5:

Addressed an issue regarding the change to Daylight Savings Time in the United States and other countries.

IMPORTANT! This release is cumulative from version 4.5.1, so be sure to review the resolved issues in the release notes for previous releases.

II Upgrading Existing Intrusion Sensors

This section offers some suggestions for planning and performing the upgrade of your Intrusion Sensor.

WARNING! As part of the installation process, your Intrusion Sensor is automatically rebooted.

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 4.5.1.5

your Intrusion Sensor is running one of the supported versions for this upgrade (that is, versions 4.5.1 through 4.5.1.3)

If you are running an earlier version, you can obtain upgrades from the [Nortel Support Site](#).

you have enough free disk space

The amount of free space required by the upgrade depends on the version you are upgrading from. For example, to upgrade from version 4.5.1, you must have at least 27 MB of free space on the / partition and 125 MB of free space on the /var partition to complete this upgrade successfully. To upgrade from version 4.5.1.3, you must have 15 MB of free space on the / partition and 50 MB of free space on the /var partition.

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](#).

After 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 and the Intrusion Sensor reboots.

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, contact Nortel Support.

Note that if your Intrusion Sensor is deployed inline and does not have a fail-open network card, traffic is interrupted while the sensor reboots after the upgrade has completed. If your Intrusion Sensor has a fail-open network card, some traffic may pass through the sensor uninspected while it reboots.

4. Complete any required post-upgrade steps as described in [After You Upgrade](#).

Upgrading the Intrusion Sensor

You can use the Defense Center to upgrade Intrusion Sensors. For more information, refer to the release notes for the Defense Center.

To upgrade an Intrusion Sensor:

1. Download the Intrusion Sensor 4.5.1.5 upgrade script (`Nortel_TPS_Intrusion_Sensor_Patch_4.5.1.3_to_4.5.1.5_Upgrade-#.sh`) from the [Nortel Support Site](#).

WARNING! Download files directly from the 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**.

5. Confirm that you want to install the upgrade and reboot the Intrusion Sensor.

The upgrade is installed and the Intrusion Sensor reboots.

WARNING! 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 and the Intrusion Sensor reboots. 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, contact Nortel Support.

6. After the upgrade finishes and the Intrusion Sensor reboots, log into the Intrusion Sensor.

7. Select **Operations > Help > About** and confirm that the software version is listed as 4.5.1.5.

After You Upgrade

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

download and 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

reapply intrusion policies to your detection engines regardless of whether you had to import a new SEU

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.

II Uninstalling the Upgrade

Regardless of where you started, uninstalling the upgrade results in an Intrusion Sensor running Release 4.5.1.3. For information on uninstalling Release 4.5.1.3, refer to the notes for that release.

Note that if your Intrusion Sensor is deployed inline and does not have a fail-open network card, traffic is interrupted while the sensor reboots after the uninstallation has completed. If your Intrusion Sensor has a fail-open network card, some traffic may pass through the sensor uninspected while it reboots.

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**.

3. Confirm that you want to uninstall the upgrade and reboot the Intrusion Sensor.

The upgrade is removed, the Intrusion Sensor reboots, and the Intrusion Sensor reverts to Release 4.5.1.3.

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.

4. After the uninstall finishes and the Intrusion Sensor reboots, log into the Intrusion Sensor.

5. Select **Operations > Help > About** and confirm that the software version is listed as Release 4.5.1.3.

II Known Issues

There are no new known issues with Release 4.5.1.5. However, this release is cumulative from version 4.5.1, so be sure to review the known issues in the release notes for previous releases.

II Product Compatibility

You must use Release 4.5.1.5 of the Defense Center to manage Release 4.5.1.5 of the Nortel Intrusion Sensor.

II 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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