

17. Software Upgrading

17.1. About Software Upgrading

Software upgrade can be done in one of two ways:

- Using a web browser (HTTP/HTTPS).
- Using secure copy (SCP).

Note: To upgrade the Border Controller, a valid Release key and software file is required. Contact your TANDBERG representative for more information.

Note: Configuration is restored after performing an upgrade but we recommend that you make a backup of the existing configuration using the TANDBERG Management Suite before performing the upgrade.

17.2. Upgrading Using HTTP(S)

To upgrade using HTTP(S):

1. Go to **System Configuration** -> **Upgrade**.

You will see the following screen:

The screenshot shows the 'Software Upgrade' page in the TANDBERG Management Suite. The page is divided into several sections:

- System Information:** Displays 'Software Version: N3.0', 'Hardware Serial Number: 37A00040', and 'Installed Options: 0 non-traversal calls, 0 traversal calls, 0 registrations'.
- Installed Option Keys:** A section for managing installed options.
- Software Option:** Contains an 'Add Option Key' field and an 'Add Option' button. A tooltip explains: 'Add Option: Enter the option key in the Key field and press "Add Option". The system will validate the key, and if valid a restart will be requested for the new option to take effect.'
- Install Software:** Contains a 'Release Key' field and an 'Install Software' button. A tooltip explains: 'Software Upgrade: Enter the release key in the Key field and press "Install Software". You will be presented with a new page where you select the software package file to upload.'

2. In the **Install Software** section, enter your key in the **Release Key** field and select **Install Software**.

You will see the following screen:

The screenshot shows the 'Software Upload' page in the TANDBERG Management Suite. The page is divided into several sections:

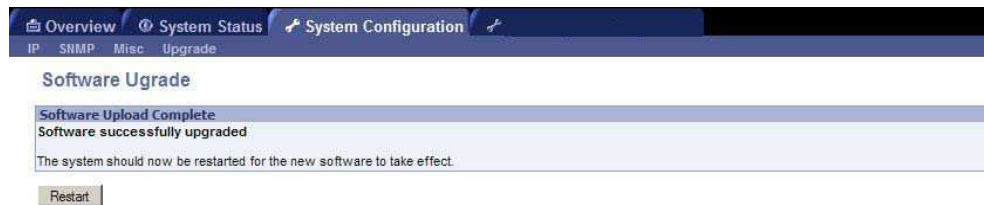
- Software Upload:** Contains a 'Select the software file:' field and a 'Browse' button.
- Select Software File:** A tooltip explains: 'Select Software File: Press "Browse" to select the software upgrade file and press "Install" to proceed with the software upload. System parameters will automatically be saved. Press "Cancel" to abort now, and go back to upgrade page. To see a progress indication, connect through telnet or ssh before pressing "Install".'
- Buttons:** 'Install' and 'Cancel' buttons are located at the bottom left of the page.

3. **Browse** to the file containing the software and select **Install**.

You will see a page indicating that upload is in progress:



When the upload is completed you will see the following:



4. Select **Restart**.

You will see a confirmation window:



The system will then perform a second reboot to restore system parameters.

After 3-4 minutes, the Border Controller is ready for use.

17.3. Upgrading Using SCP/PSCP

To upgrade using SCP or PSCP (part of the PuTTY free Telnet/SSH package) you need to transfer two files to the Border Controller:

- a text file containing the release key, and
- a file containing the software image.

Note: Make sure you transfer the release key file before transferring the software image. Also make sure you name the files exactly as described below.

Note: The release key file should contain just the 16 character release key.

To upgrade using SCP or PSCP:

1. Make sure the system is turned on and available on IP.
2. Upload the release key file using SCP/PSCP to the /tmp folder on the system e.g.

```
scp release-key root@10.0.0.1:/tmp/release-key or  
pscp release-key root@10.0.0.1:/tmp/release-key
```
3. Enter password when prompted.
4. Copy the software image using SCP/PSCP. The target name must be /tmp/tandberg-image.tar.gz, e.g.

```
scp s42100q60.tar.gz root@10.0.0.1:/tmp/tandberg-image.tar.gz or  
pscp s42100q60.tar.gz root@10.0.0.1:/tmp/tandbergimage.tar.gz
```
5. Enter password when prompted.
6. Wait until the software has installed completely. This should not take more than two minutes.
7. Reboot the system.

After about four minutes the system will be ready to use.