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Using the Netsweeper Web Upgrade Tool

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Contents

Using the Netsweeper Web Upgrade Tool 3

Preparing for the Upgrade 3

Selecting a Version of the Web Upgrade Tool 4

Installing the Web Upgrade Tool..... 4

Document Change Log 5

Using the Netsweeper Web Upgrade Tool

The Netsweeper 2.6.29 release introduces a new tool for upgrading the Netsweeper server.

If you are running a release earlier than 2.6.29.6, you must manually install this new tool, using the instructions below.

The Netsweeper 2.6.29.6 and later releases include the Web Upgrade Tool. To access the WebUpgrade Tool, open a browser and go to *http://SERVER_IP_OR_NAME/webupgrade/*. Then, to upgrade your server software, just follow the online steps.

*Never interrupt the Web Upgrade Tool during the upgrade process, even if it seems that nothing is happening. If you close your browser window or press **Forward**, **Back**, or **Stop** at any point during the upgrade, this may cause issues from which the server cannot recover. If a problem occurs during an upgrade, reinstall the Netsweeper Server operating system and reconfigure the server; then proceed with the upgrade.*

Preparing for the Upgrade

The Web Upgrade Tool walks you through the upgrade in steps. Consider these recommendations when preparing for an upgrade:

- Try the upgrade on a test system before upgrading a production system, whether on a real or virtual server. This will familiarize you with the upgrade process and the time required for each step.
- *Never* schedule the upgrade window during peak hours for network use.
- *Before the upgrade window*, download the Netsweeper database and configuration files from the WebAdmin. You can download the database from **System Tools**, **System Backups**. Also, you can back up the configuration files from **System Tools**, **System Configuration** as well.
- *Also before the upgrade window,* confirm that both the server and the workstation you will use to perform the upgrade have Internet connectivity and that the workstation has access to the Web Upgrade Tool.

- You do not need to download the large backup from the Web Upgrade Tool. However, if you do, it should be done outside of your upgrade window, since this backup can take a few hours to complete.
- Be patient. Some upgrade steps are time-consuming and it may appear at times that the system has hung, since there is no browser feedback. For example, the download phase can take up to 90 minutes, and there is no browser feedback during this time.

Selecting a Version of the Web Upgrade Tool

We recommend that you use the *latest version* of the Web Upgrade Tool to upgrade your Netsweeper server. Select the appropriate option below:

- If you are running Netsweeper 2.6.29.5 or older, *manually install* the Web Upgrade software, following the steps below.
- If you already have Web Upgrade 3.0.3 or older installed, *manually upgrade* to the latest release of the Web Upgrade Tool.
- If you are running Web Upgrade 3.0.10 or later, the Web Upgrade Tool will automatically update itself as part of the server upgrade process.

> ***Note*** *– Both installing and upgrading the Web Upgrade Tool use the same commands and procedure.*

Installing the Web Upgrade Tool

To install the Web Upgrade Tool, release 3.0.10:

1. Log in to the Netsweeper server using SSH.

   If you are using Windows, you can use *putty*, a free SSH client, available for download at *http://www.chiark.greenend.org.uk/~sgtatham/putty/download.html*.

   #### SSH Port

   Netsweeper 2.6.27 and newer server releases use SSH port 60104. If you are running an older release, you must use the former default SSH port, port 22.

2. After you connect to your Netsweeper server, you must gain superuser privileges.
   - If you are using a Netsweeper version older than 2.6.27.29, enter the *su* - command and the super user password.
   - If you are using Netsweeper version 2.6.27.29 or later, enter the *sudo su* - command and the admin account password.
3. After you gain superuser privileges, install the latest Web Upgrade Tool and restart the Apache web server, using these commands:

```
rpm -Uvh http://repo.netsweeper.com/ns_webupgrade-3.0.10-1.noarch.rpm
```

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```
service httpd restart
```

(In this example, the release number is 3.0.10-1.)

4. After you install or upgrade the Web Upgrade Tool, open a browser, go to *http://SERVER_IP_OR_NAME/webupgrade/*, and follow the online steps to upgrade the server.
5. After the server restarts, confirm that filtering services are again operating.

Document Change Log

Version	Date	Person	Change
1.0	July 7, 2010	Jeremy Erb	Document created.
1.1	July 9, 2010	Jeremy Erb	Added warnings about browsers and aborting the upgrade process.
1.2	July 23, 2010	Dan McGinnis	Revised document to reflect changes in the new release of the Web Upgrade Tool.
1.3	August 6, 2010	Jeremy Erb, Kay Speed	Revised the version number of the current Web Upgrade Tool; added mention of the need to confirm filtering serves after completion of a server upgrade.
1.4	August 6, 2010	Dan McGinnis	Corrected version number and procedure.
1.5	August 10, 2010	Jeremy Erb	Added recommendations about preparing for the upgrade.