

OPENSTEP 4.2 Patch 4 Overview

This document contains an overview and download information for Apple's Patch 4 for OPENSTEP 4.2 for Mach and OPENSTEP Enterprise 4.2. This patch set includes fixes that address the Year 2000 compliance issue (century rollover). Apple recommends that all users of OPENSTEP 4.2 install this patch set. Detailed release notes, including specific problems fixed with Apple bug tracking numbers, are included in the download package. Please read these release notes for important information on what is and is not covered by this patch.

Users of OPENSTEP versions prior to release 4.2 should register for and install an upgrade from Apple to OPENSTEP 4.2 before installing this patch. For more information, please see Apple Enterprise Software's Year 2000 page at <http://www.apple.com/enterprise/y2k/>.

OPENSTEP 4.2 Patch 4 supercedes all previous OPENSTEP general system patches. If you have already installed an OPENSTEP patch on your system, you can install Patch 4 over your existing installation. If you have not installed any previous patches, you do not need to.

For additional Year 2000 tips for OPENSTEP developers, see [document 70125](#).

The OPENSTEP Current Patch List, [document 70033](#), contains information on all available patches and workarounds for all versions of OPENSTEP, including EOF patches. Please read this document if you're not sure which patches you need on your system.

OPENSTEP 4.2 Patch 4 Release Notes:

- Download [OS42Patch4ReleaseNotes.pdf](#).

OPENSTEP 4.2 User Patch 4 comes in four packages:

- For OPENSTEP for Mach installations, download [OS42MachUserPatch4.tar](#).
- For Windows NT installations, download [OS42_NT_User_Patch4.exe](#).
- For Solaris installations, download [OS42_Solaris_Patch4.tar.Z](#).
- For HP-UX installations, download [OS42_HPUX_Patch4.tar.Z](#).

OPENSTEP 4.2 Developer Patch 4 comes in two packages:

- For OPENSTEP for Mach installations, download [OS42MachDevPatch4.tar](#).
- For Windows NT installations, download [OS42_NT_Dev_Patch4.exe](#).

Download and install these packages if you use the OPENSTEP development tools on your system. IMPORTANT: If you are installing the Developer patch, please read section 6 of the release notes carefully. There are some manual steps you must take to prevent some Year 2000 issues.

If you use Enterprise Objects Framework on your system, it should be installed before you install OPENSTEP 4.2 Patch 4. Patch 4 includes fixes in system components that were originally installed by EOF. The OPENSTEP and EOF software packages should be installed in the following order:

- OPENSTEP 4.2 User
- OPENSTEP 4.2 Developer (optional)
- EOF User (optional)
- EOF Developer (optional)
- OPENSTEP 4.2 Patch 4 User package
- OPENSTEP 4.2 Patch 4 Developer package (optional)

Installation instructions - OPENSTEP for Mach

To install OPENSTEP 4.2 for Mach Patch 4 on an OPENSTEP for Mach system, perform the following steps:

1. If you downloaded OPENSTEP 4.2 for Mach Patch 4 from the internet, you may need to decompress the file with the command (example):

```
tar xf OS42MachUserPatch4.tar
```

This will unpack the single 'tar' file used for download into the .pkg format compound document used by the OPENSTEP for Mach installer. Your web browser or FTP client may perform this step for you.

2. Log in as root on your OPENSTEP system. If you're not sure how to log in as root, see your system administrator.
3. Double-click on the OS42MachUserPatch4.pkg file.
4. Click the Install button in the Installer package window. An Install Package panel will open.

5. Make sure that there are no other OPENSTEP or EOF applications running.
6. Click 'Install' in the Install Package panel and, when prompted for confirmation, click OK to proceed. The Installer window displays information about the progress of the installation, which may take several minutes. If you do not need to install the Developer patch, skip to step 10 to complete the installation.
7. To install OPENSTEP 4.2 Developer Patch 4, double-click on the OS42MachDevPatch4.pkg file.
8. Click the Install button in the Installer package window. An Install Package panel will open.
9. Click 'Install' in the Install Package panel and, when prompted for confirmation, click OK to proceed. The Installer window displays information about the progress of the installation, which may take several minutes.
10. When the installation completes, the system must be rebooted. Log out and use the reboot button on the login panel.

Installation instructions - OPENSTEP Enterprise for Windows NT

To install OPENSTEP 4.2 Patch 4 on a Windows NT 4 system, perform the following steps:

1. If you downloaded OPENSTEP 4.2 Patch 4 from the internet, run the OS42_NT_User_Patch4.exe file to uncompress the patch installer, OS42UserPatch4Intstaller.exe and the release notes.
2. Read the release note distributed with this patch.
3. Log in as a user with Administrator privileges.
4. Make sure that there are no OPENSTEP or EOF applications running.
5. Double-click on the OS42UserPatch4Intstaller.exe file to start the install process.
6. A screen will appear with some information about this patch. After you have read it, click "Next" to continue.
7. The license agreement for this patch will appear. To agree to the license and continue the installation, click "Yes".
8. The patch will now be installed on your system and you will be asked if you want to reboot. If you have OPENSTEP Enterprise 4.2 Developer installed on your system, select "No, I will restart my computer later" and repeat steps one through seven using the Developer patch installer, OS42NTDevPatch4Installer.exe. Otherwise, proceed to step nine.
9. Select "Yes, I want to restart my computer now" to reboot your Windows NT system. The WinZip self-extractor will automatically quit and remove the temporary installation in about 20 seconds.

Installation instructions - OPENSTEP Enterprise for Solaris and HP-UX

To install OPENSTEP 4.2 Patch 4 on a Solaris or HP-UX system, perform the following steps:

1. Download the compressed tar file for your platform by clicking the appropriate link above.
2. Also [download](#) the installer script, "patcher.sh".
3. Log in as root. If you're not sure how to log in as root, see your system administrator.
4. Make sure that there are no OPENSTEP or EOF applications running.
5. Change to the directory containing the patch and the patch installer, "patcher.sh".
6. At a shell prompt, type:

```
patcher.sh -install OS42_Solaris_Patch4.tar.Z
```

or

```
patcher.sh -install OS42_HPUX_Patch4.tar.Z
```

For more information on using the "patcher.sh" program, type the following at the command prompt:

```
patcher.sh -help
```

7. Reboot your Unix system

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