How to Deploy Mac OS X Patches Using Parallels Mac Management for Microsoft SCCM 2007 and 2012

- Parallels Device Management
- Parallels Mac Management 3.0

Information

Mac OS X patches can be installed using the Software Distribution feature of Parallels Mac Management for SCCM. Detailed instructions on how to use the Software Distribution feature can be found in the **Software Distribution** section of the Parallels Mac Management for Microsoft SCCM 2007 or the Parallels Mac Management for Microsoft SCCM 2012 administrator's guides.

Updates for Mac OS X software can be downloaded from https://support.apple.com/downloads

Deploying Java for OS X 2013-003 Update

1. Download the JavaForOSX2013-003.dmg image from https://support.apple.com/kb/DL1572 and copy the file to a folder on the Configuration Manager site server.
For example:

```
C:\java-update\JavaForOSX2013-003.dmg
```

2. In the Configuration Manager console, create a software distribution package and specify the name and path of the folder containing the Java image file that you've downloaded earlier:

Figure 1. **Source folder** in **Create Package and Program Wizard** in SCCM 2012

Figure 2. **Source directory** in **New Package Wizard** in SCCM 2007

3. Specify the following command as the **Command line** parameter (see the corresponding wizard page images below):

```
:JavaForOSX2013-003.dmg/JavaForOSX.pkg::
```

Figure 3. **Command line** in **Create Package and Program Wizard** in SCCM 2012

Figure 4. **Command line** in **New Program Wizard** in SCCM 2007

4. Finish creating a package as described in the Software distribution section of the Parallels Mac Management for

Microsoft SCCM 2007 or the Parallels Mac Management for Microsoft SCCM 2012 administrator's guides.

Deploying Mac OS X Update Using a Downloaded Image

Mac OS X updates can be downloaded from the Apple web site. For example, if you need to install Mac OS X update 10.7.5, you can download it from the following location:

https://support.apple.com/downloads/DL1582/en_US/MacOSXUpdCombo10.7.5.dmg

To install the downloaded update on Mac computers, use the following command as the **Command line** parameter in the package creation wizard:

```
:MacOSXUpdCombo10.7.5.dmg/MacOSXUpdCombo10.7.5.pkg::
```

Deploying Mac OS X Update Using System Software Update Tool

Mac OS X software can also be updated using the Mac OS X softwareupdate command.
The information about the command can be found at the following URL:

https://support.apple.com/kb/HT1974

Create a script file with the ".sh" extension containing the softwareupdate command and options. You can then deploy the script to Mac OS X computers using the Software Distribution feature of Parallels Mac Management (see https://kb.parallels.com/en/116186).

The following is a sample script that will install all available Mac OS X updates using
the softwareupdate command:

```
#!/bin/bash
softwareupdate –i –a
```

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