



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:

Create Package and Program Wizard

Package

Package

Program Type

Standard Program

Requirements

Summary

Progress

Completion

Specify information about this package

Enter a name and other details for the new package. To take full advantage of new features that include the Application Catalog, use an application instead.

Name:

Java Update

Description:

Manufacturer:

Language:

Version:

☒ This package contains source files

Source folder:

<Directory on site server>C:\java-update

Browse...



< Previous

Next >

Summary

Cancel

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

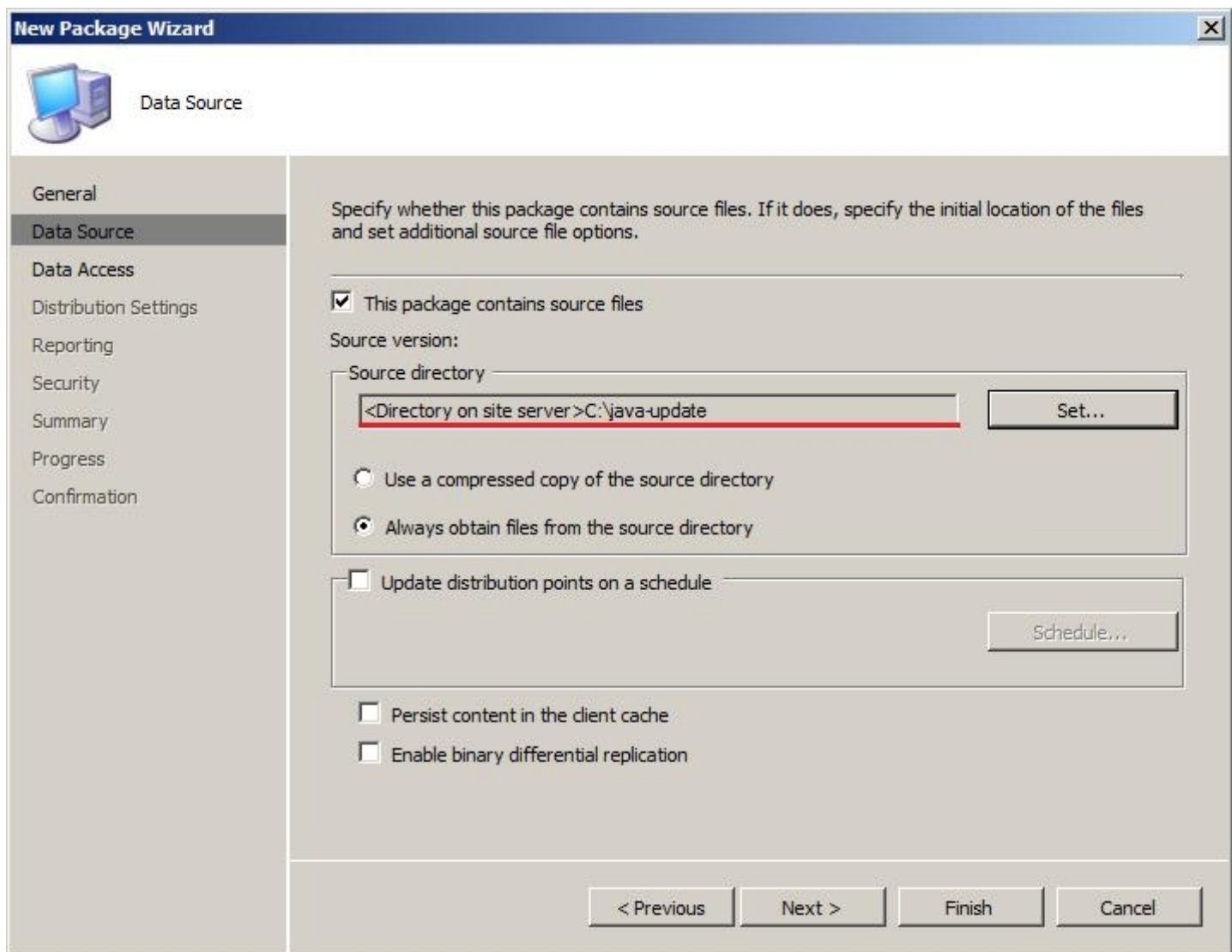


Figure 2. Source directory in New Package Wizard in SCCM 2007

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

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

Create Package and Program Wizard

 Standard Program

Package
Program Type
Standard Program
Requirements
Summary
Progress
Completion

Specify information about this standard program

Name: Java Update Installation

Command line: .JavaForOSX2013-003.dmg/JavaForOSX.pkg::

Startup folder:

Run: Normal

Program can run: Only when a user is logged on

Run mode: Run with user's rights

☒ Allow users to view and interact with the program installation

Drive mode: Runs with UNC name ▼

☐ Reconnect to distribution point at log on



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

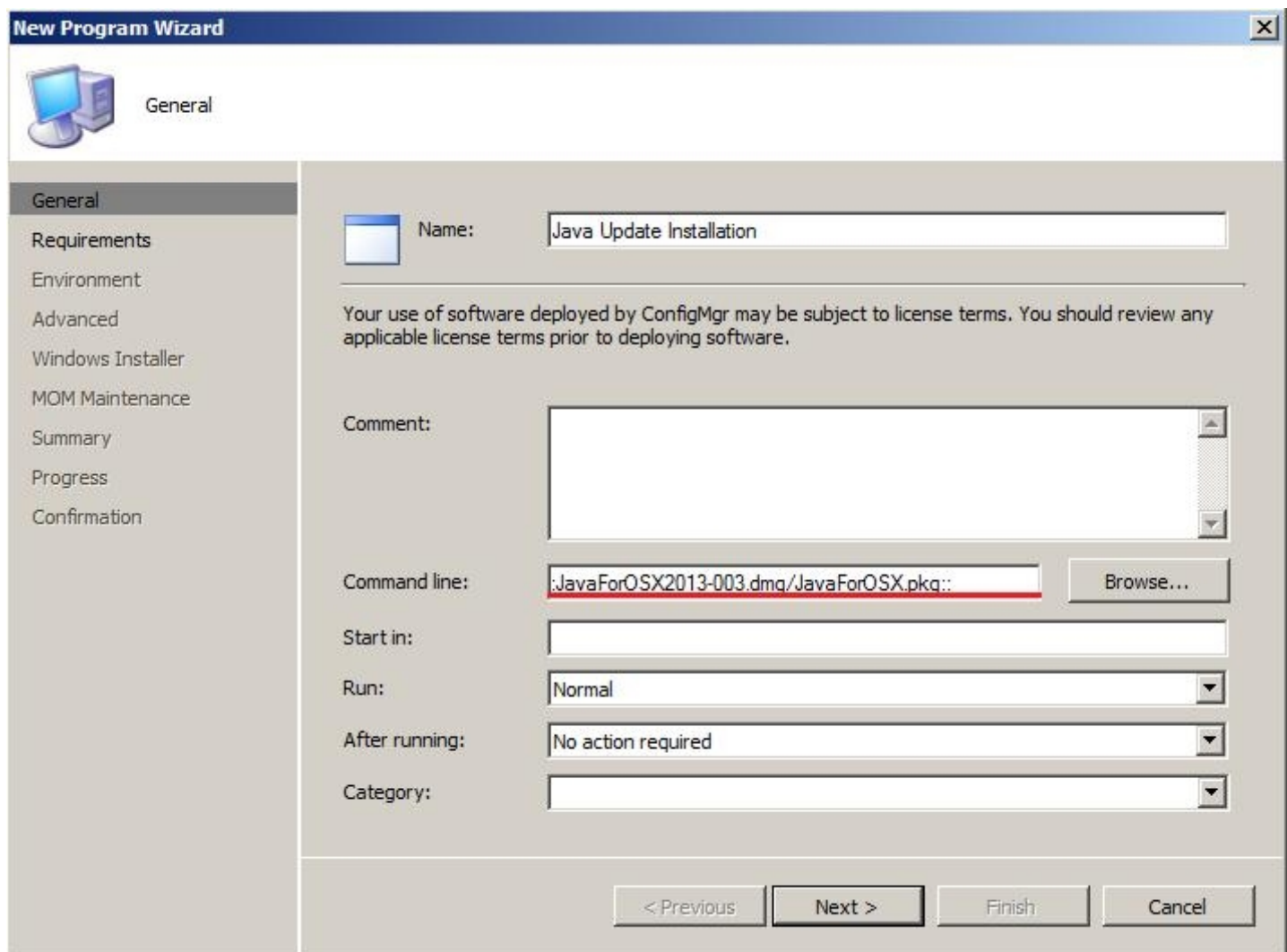


Figure 4. Command line in New Program Wizard in SCCM 2007

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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