

# Rebooting managed devices

ManageSoft provides a program, `reboot.exe`, that the installation agent calls when it reboots managed devices. You can also use `reboot.exe` separately from the installation agent — for example, from a callout to reboot the managed device during installation of a package.

Most of the reboot functionality can be controlled using existing installation agent preferences. Refer to the *Reboot options* and *Security patch management options* sections in the *Preference listing by behavior* chapter of the *ManageSoft Reference: Preferences for Managed Devices*. You can pass any of the reboot options documented there to `reboot.exe` on the command line. There are two additional preferences:

- ▶ `RebootPath` — see page 5
- ▶ `RebootCmdLine` — see page 6.

When `reboot.exe` is executed, it displays a Reboot dialog to end-users. You can customize the appearance and behavior of this dialog.

## Displaying the Reboot dialog

To display the Reboot dialog:

- 1 Navigate to `C:\Program Files\ManageSoft\Launcher`.
- 2 Double-click `reboot.exe`.

A dialog similar to the following is displayed.



The first paragraph of text and the background of this dialog looks different if it has been customized — refer to *Customizing the appearance of the Reboot dialog* below.

## Customizing the appearance of the Reboot dialog

You can customize the first paragraph of text and the background of the Reboot dialog (for example, you may want to incorporate a company logo).

### To customize the first paragraph of text

- 1 In a text editor of your choice (such as Notepad), type the text as you want it to display.
- 2 Save the file as `reboot.txt` in the same directory as the `reboot.exe` (which by default is `C:\Program Files\ManageSoft\Launcher`).

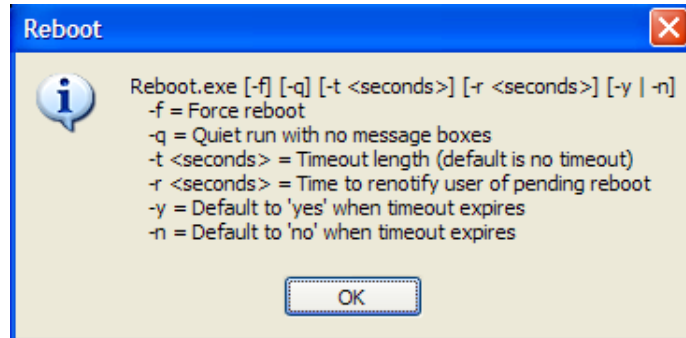
### To customize the background

- 1 In a graphics editor of your choice (such as Adobe Photoshop), create the required graphic. The Reboot dialog will resize to fit the graphic, however the left indent of the text is fixed and cannot be altered.
- 2 Save the required graphic as `reboot.gif` in the same directory as the `reboot.exe`. Note that `.gif` is the only supported format for graphics.

## Controlling how and when the reboot takes place

You can configure how and when the Reboot dialog is run. This section describes how to configure the Reboot dialog from the command line. You can also do this using the Windows Registry — see the following pages for further information.

The following dialog is displayed if you enter `reboot -?` from the command line.



This dialog displays the available command line options for the Reboot dialog:

| Value                           | Description   |
|---------------------------------|---|
| <code>-f</code>                 | Forced reboot — ManageSoft ignores the state of all other applications and initiates the reboot. Only the operating system can override this. A forced reboot may cause the loss of data from open applications, and should be used with care. The Reboot dialog only displays a <b>Reboot</b> button, so the end-user has no option but to proceed with the reboot.  |
| <code>-q</code>                 | Quiet reboot — ManageSoft initiates the reboot in the background without displaying any information to the end-user.  |
| <code>-t &lt;seconds&gt;</code> | Timeout length — The period of time, in seconds, before the reboot is initiated. For example, <code>-t 60</code> results in the reboot commencing in 60 seconds.  |
| <code>-r &lt;seconds&gt;</code> | A 'pending' reboot is the normal reboot scenario where a package requires a reboot to be completed, usually because a file it must replace is currently in use, and this parameter sets the wait time. For example, <code>-r 30</code> means that the end-user will be notified in 30 seconds. The <code>reboot.exe</code> notifies the end-user by bringing the Reboot dialog to the front of the desktop. |

| Value | Description  |
|-------|--|
| -y    | If the specified timeout period expires and the end-user has not responded, or the system has been configured for quiet reboot, the reboot will take place. This is the default if you run <code>reboot.exe</code> directly. |
| -n    | If the specified timeout period expires and the end-user has not responded, or the system has been configured for quiet reboot, the reboot will <i>not</i> take place.   |

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## Deploying your changes

When you have finished making changes to the Reboot dialog files and registry settings, you can either deploy them in a separate package or update the standard package containing **ManageSoft for managed devices**. For further information, refer to the *ManageSoft Packaging Guide* and the *Installing ManageSoft on managed devices* chapter of the *ManageSoft Implementation Guide*.

## RebootPath



### WARNING

Internal use only: do not edit.

### Registry

Path and name of file that contains the reboot settings for the managed device.

|                       |                            |
|-----------------------|----------------------------|
| <b>Values / range</b> | String                     |
| <b>Default value</b>  | \$(ProgramPath)\reboot.exe |

### Registry

|                             |  |
|-----------------------------|--|
| <b>Installed by:</b>        | ManageSoft internals   |
| <b>User preference:</b>     | HKEY_CURRENT_USER\Software\ManageSoft Corp\ManageSoft\Launcher\CurrentVersion  |
| <b>Computer preference:</b> | HKEY_LOCAL_MACHINE\SOFTWARE\ManageSoft Corp\ManageSoft\Launcher\CurrentVersion |

## RebootCmdLine

### Command line | Registry

This preference is used on the managed device to reboot from the command line.

|                       |                                    |
|-----------------------|------------------------------------|
| <b>Values / range</b> | Name of executable in command path |
| <b>Default value</b>  | "\$(RebootPath) "                  |

### Command line

|                 |                         |
|-----------------|-------------------------|
| <b>Tool:</b>    | Installation agent      |
| <b>Example:</b> | "\$(RebootPath) " -t 60 |

### Registry

|                             |   |
|-----------------------------|---|
| <b>Installed by:</b>        | Installation of ManageSoft on a managed device                                    |
| <b>User preference:</b>     | HKEY_CURRENT_USER\Software\ManageSoft<br>Corp\ManageSoft\Launcher\CurrentVersion  |
| <b>Computer preference:</b> | HKEY_LOCAL_MACHINE\SOFTWARE\ManageSoft<br>Corp\ManageSoft\Launcher\CurrentVersion |