

Robo-FTP 3.7 Upgrade Procedure

We recommend that you install Robo-FTP 3.7 in a new folder rather than overwriting your previous installation. Overwriting your previous installation is risky because you can't roll back if you experience problems in the new version. Please consult the help file or Robo-FTP online Knowledge Base for details on the procedure for moving a Robo-FTP installation to another computer.

Procedure for Side-by-Side Installation:

To install Robo-FTP 3.7 alongside your previous version:

1. Log in as Administrator on the computer where Robo-FTP is installed.
2. Download the Robo-FTP 3.7 installer MSI package.
3. Close any running instances of Robo-FTP, including any Robo-FTP services you may have installed. Also close any related programs such as the Script Editor, the Configurator, or the Robo-FTP Help File.
4. Double-click to launch Robo-FTP.msi
5. After installation, run Robo-FTP 3.7 from the Start Menu and verify that the expected build version is displayed near the top of the console window. If this is a new install expect to see a warning about a missing license. After that you should see dialogs indicating a 30 day evaluation license.
6. Close Robo-FTP.
7. Launch the program named "*Import Settings*" from the Start Menu. Select "Robo-FTP 3.6 or Lower" and click the "Import" button. Click the "Close" button after the settings are imported.

Procedure for Overwriting a Previous Installation:

To install Robo-FTP 3.7 in the same folder as the previous version:

1. Log in as Administrator on the computer where Robo-FTP is installed.
2. Download the Robo-FTP 3.7 installer MSI package.
3. Open your current version of Robo-FTP and make a note of your Serial Number. You can find the Serial Number by opening the "Help" menu and selecting the "About Robo-FTP" option.
4. Open the "Help" menu and choose "Remove License."
5. Create a settings file by opening the "File" menu and selecting the "Export Settings" option.
6. Close Robo-FTP and any Robo-FTP services you may have installed. Also close any related programs such as the Script Editor, the Configurator, or the Robo-FTP Help File.
7. Open the Windows Control Panel and use the "Add Remove Programs" applet to uninstall your current version of Robo-FTP.
8. Double-click **Robo-FTP.msi** to launch the installer. Choosing the *Custom* installation instead of *Complete* will allow you to change the installation folder to match your previous installation.
9. After installation, run Robo-FTP 3.7 from the Start Menu, use your Serial Number to Activate your license, and verify that the expected build version is displayed near the top of the console window.
10. Reload your settings file by opening the "File" menu and selecting the "Import Settings" option.
11. If you were using PGP in your previous installation of Robo-FTP, you may need to import the **secring.gpg** file. See the sub-section of this document entitled "**Compatibility With Previous Versions**" for details.

Completing the Upgrade

User Configuration Settings:

- If a non-administrative user account (or service account) had separate configuration settings in your previous version of Robo-FTP, you must import those settings by logging in to Windows with that account and running the *Import Settings* program from the Robo-FTP 3.7 folder in the Start Menu. See the help file topic named “**Configurator: Command Line Switches**” for more information on importing and managing multi-user configuration settings.

Starting Robo-FTP:

- If you are using the *Service Installer* run Robo-FTP as a service and then remove and recreate the service with the new version of the *Service Installer* that was installed with version 3.7.
- The supported method of running Robo-FTP from the command line (batch file, ASP script, scheduler, etc.) is not to hard-code the path for Robo-FTP.exe but rather to add the installation directory to the PATH environment variable. When you install a newer version and wish to start using it system-wide, you simply update the PATH environment variable. See the “Running Robo-FTP” section of the Help file for more details.

Licensing:

- Version 3.7 is installed with a 30 day *EVAL* license. You can transfer the license from your old version of Robo-FTP by opening the “Help” menu and clicking “Remove License.” You can then select “Activate” from the “Help” menu in Robo-FTP 3.7 to activate the software with your existing serial number.

Compatibility with Previous Versions

Where possible, backward compatibility with previous versions of Robo-FTP has been preserved. However, there are cases where it is necessary to break with this compatibility in order to provide enhanced performance and new features. This section describes the changes you may need to take to make your scripts work with this version of Robo-FTP.

If Upgrading from Robo-FTP 3.6

- The output format for the FTPLIST command has been changed. The new format provides more detail than the previous format.
- The FTPLIST command no longer creates a 0-byte file when the remote directory is empty. Instead it returns an error that you can catch with the IFERROR command.
- The SSL certificate trust store in Robo-FTP 3.7 is stricter for improved security. This change will require you to re-trust server SSL certificates using the */trust=all* option on the FTPLOGON command. This change applies to FTPS and HTTPS connections.

- ALFTP (Alternate Standard FTP) has been promoted to being the main FTP implementation. This is an automatic change requiring no action on the part of the user.
- FTP transfers now default to Passive Mode. If necessary, you can disable Passive Mode in your script by adding the */pasv=false* option to your FTPLOGON command. You may also change the default behavior for a specific managed site by editing that site's properties in the Configurator.
- FTPS connections now default to encrypting both the data and control channel. This was changed to prevent people unintentionally sending data across the internet in plain text. If the remote site you are using doesn't support an encrypted data channel you will need to modify your script so that the FTOLOGON line specifies the */servertype=FTPSCONTROL* option.
- DISCONNECT now only hangs up a dial-Up connection previously established using the DIALNET command. The DISCONNECT script command no longer terminates an active FTP session. The FTPLOGOFF script command should be used to terminate FTP sessions.
- The script commands IFSTRCMP and IFSTRCMPi now function as described in the Help file. The behavior of these two commands was mistakenly swapped in previous versions of Robo-FTP. This change only impacts users who intentionally modified their scripts to account for the mistake in previous versions.

If upgrading from Robo-FTP 3.5 or older

- The output format for the FTPLIST command has been changed. The new format provides more detail than the previous format.
- The FTPLIST command no longer creates a 0-byte file when the remote directory is empty. Instead it returns an error that you can catch with the IFERROR command.
- The SSL certificate trust store in Robo-FTP 3.7 is stricter for improved security. This change will require you to re-trust server SSL certificates using the */trust=all* option on the FTPLOGON command. This change applies to FTPS and HTTPS connections.
- ALFTP (Alternate Standard FTP) has been promoted to being the main FTP implementation. This is an automatic change requiring no action on the part of the user.
- FTP transfers now default to Passive Mode. If necessary, you can disable Passive Mode in your script by adding the */pasv=false* option to your FTPLOGON command. You may also change the default behavior for a specific managed site by editing that site's properties in the Configurator.
- FTPS connections now default to encrypting both the data and control channel. This was changed to prevent people unintentionally sending data across the internet in plain text. If the remote site you are using doesn't support an encrypted data channel you will need to modify your script so that the FTOLOGON line specifies the */servertype=FTPSCONTROL* option.
- DISCONNECT now only hangs up a dial-Up connection previously established using the DIALNET command. The DISCONNECT script command no longer terminates an active FTP session. The FTPLOGOFF script command should be used to terminate FTP sessions.
- The script commands IFSTRCMP and IFSTRCMPi now function as described in the Help file. The behavior of these two commands was mistakenly swapped in previous versions of Robo-FTP. This change only impacts users who intentionally modified their scripts to account for the mistake in previous versions.
- Robo-FTP may report that the FTPRENAME command failed when the file was actually renamed successfully on a site that doesn't strictly adhere to the published standards for FTP servers. A workaround is posted here: <http://kb.roboto-ftp.com/kb/show/304>

In version 3.6 Robo-FTP began using a new PGP implementation based on OpenPGP that features standards-compliant encryption and decryption. This allows multiple private keys and their passphrases to be stored without the need for multiple key ring files. The new implementation has been made backward compatible as much as possible, so most scripts should “just work.” However, there are a few important differences for users upgrading from Robo-FTP 3.5 or older:

- **Specifying key ring file location with PGPENCRYPT and PGPDECRYPT script commands**
 - This has been deprecated and will be removed in a future release. If the location you are specifying is the default location (usually the installation directory) then you can simply remove this argument from the command line. If your script specifies a different location, you should import that key ring with the Robo-FTP Configurator and then remove this argument from the command line.
- **Signature verification**
 - Signature verification options are now managed by using the */signature* option with the **PGPDECRYPT** command. Change references like this: */gpgopt="—skip-verify"* to this: */signature=ignore*.
- **Using /gpgopt or /gpglog options**
 - These options are no longer used and will be ignored by Robo-FTP. Contact Technical Support if you are using these options and have questions about how this change will affect your script.
- **Compatibility with old versions of PGP Desktop**
 - Recipients using very old versions of PGP Desktop may not be able to decrypt files encrypted with Robo-FTP. If you encounter this problem you can use the */compat* option with **PGPENCRYPT** to create PGP Desktop 2.x compatible files (2 GB file size limit).
- **Signing files**
 - If you are using a single private key you should not need to make any changes to your script. If you had been signing with multiple private keys by specifying key rings from the command line, you should import those key rings using the Robo-FTP Configurator as described above and specify which key to use with the */signuser*, */signcomment*, or */signemail* options (see Help file for details).