

File Scrub Trusted Copy and File Scrub Software Download and Installation Instructions for Solaris

Before you can download File Scrub or File Scrub Trusted Copy, you must submit the Conditions of Use form from the File Scrub Web site Download page. You will receive a confirmation of eligibility and a file, `FileScrubKey.ser`.

Warning: If you have a previous version of the File Scrub software, we highly recommend that you uninstall the application **before** you install File Scrub 1.2. Please see the “Uninstall” section of these instructions.

Configuration File Note: If you are a previous user of File Scrub and have an existing configuration file from File Scrub that you spent considerable time editing, save it to a location on your computer other than the File Scrub installation location before you uninstall File Scrub. You can copy your path information and external tools list from the old configuration file into the File Scrub 1.2 configuration file.

Installation Notes: Be sure to download the correct version of File Scrub for your system architecture. `FileScrubSolarisSetup_sparc.tgz.enc` is required for Solaris machines with SPARC processors; `FileScrubSolarisSetup_x86.tgz.enc` is required for Solaris machines with x86-compatible processors like AMD Opteron.

Because File Scrub for x86 does not include a prepackaged java runtime, you must ensure that you have a valid java installation in your PATH (e.g., `/usr/bin`). By default, Solaris 10 comes with a java installation.

Note: x86 computers require Solaris version 10 or later.

Before running File Scrub, you **MUST** download the necessary JRE patch cluster provided by Sun Microsystems from the following link:

<http://sunsolve.sun.com/pub-cgi/show.pl?target=patches/patch-access>

File Scrub requires your display monitor to be set at 24-bit color depth. Contact your local system administrator for assistance with this setting.

Downloading and Installing File Scrub Software

Obtain the Three Required Files

1. Put the `FileScrubKey.ser` file (which you received in the eligibility email after submitting the Conditions of Use form) on the host computer upon which you will install File Scrub. Remember its location.
2. Download the File Scrub Decryption Tool Setup file, `FileScrubDecryptionToolSolarisSetup_sparc.tgz` or `FileScrubDecryptionToolSolarisSetup_x86.tgz`, to a temporary location on the host computer. Remember its location.

Note: You may have deleted the previous File Scrub Decryption Tool Setup File after the installation of File Scrub 1.1. However, if you did not, the File Scrub Decryption Tool Setup File has not changed and you may use it if you still have it.

3. Download the File Scrub Encrypted Setup file, `FileScrubSolarisSetup_sparc.tgz.enc` or `FileScrubSolarisSetup_x86.tgz.enc`, to a temporary location on the host computer. Remember its location.

Install the File Scrub Decryption Tool

4. From a terminal window, navigate to the directory where you put the `FileScrubDecryptionToolSolarisSetup_sparc.tgz` or `FileScrubDecryptionToolSolarisSetup_x86.tgz` file in Step 2.
5. At the command prompt, type

```
gunzip -c FileScrubDecryptionToolSolarisSetup_sparc.tgz |  
tar xvf -  
or  
gunzip -c FileScrubDecryptionToolSolarisSetup_x86.tgz |  
tar xvf -
```

This will create a folder called `DecryptionTool11` containing all the necessary files. Continue with Step 6.

Run the File Scrub Decryption Tool

6. From a terminal window, navigate to the directory where you extracted the File Scrub Decryption Tool.
7. At the command prompt, type
`./DecryptionTool.sh`
8. Following the screen directions, browse to the required paths for the `.enc` and `.ser` files.
9. Click on the Decrypt button. Please be patient; depending on your system, the decryption process can be lengthy. The name and location of the decrypted output file, `FileScrubSolarisSetup_sparc.tgz` or `FileScrubSolarisSetup_x86.tgz`, will fill the previously blank field when the decryption is complete. This file contains the compressed and archived File Scrub software. (The decrypted installation file is written to the same location as the encrypted input file, `FileScrubSolarisSetup_sparc.tgz.enc` or `FileScrubSolarisSetup_x86.tgz.enc`) Close the File Scrub Decryption Tool window and continue with Step 10.

Install File Scrub

10. From a terminal window, navigate to the directory where FileScrubSolarisSetup_sparc.tgz or FileScrubSolarisSetup_x86.tgz is located. For multi-user installations, we recommend performing the following steps, as root, in /opt.
11. At the command prompt, type

```
gunzip -c FileScrubSolarisSetup_sparc.tgz | tar xvf -  
or  
gunzip -c FileScrubSolarisSetup_x86.tgz | tar xvf -
```

This will create a folder called FileScrub12 containing all necessary files.

This completes the installation of File Scrub.

Edit the New Configuration File

A default configuration file, Config, is copied to your hard drive during the installation process. It is located in the directory where you installed the File Scrub 1.2 software. If you would like to add external tools for use within File Scrub, use the following directions:

1. Using an ASCII text editor, open the newly installed configuration file.
2. Edit the path names in the new configuration file to reflect appropriate paths and external tools for your computer.
3. Save the file.

Run File Scrub

1. From a terminal window, navigate to the directory where File Scrub 1.2 was installed.
2. At the command prompt, type

```
./FileScrub.sh          to run File Scrub  
./FileScrubTC.sh       to run File Scrub Trusted Copy
```

Note: The binaries used by File Scrub to perform CD writing on Solaris must be SUID root in order to access the SCSI driver that controls the drive. This permissions update requires administrative privileges. A script is included in the installation to change the permissions of the appropriate binaries. As root, cd to the FileScrub12 directory.

At the command prompt, to update the permissions, type

```
./perm-fixer.sh
```

The permissions can also be updated manually by running the following commands:

```
cd FileScrub12  
chown root bin/cdrecord  
chown root bin/readcd  
chmod 4755 bin/cdrecord
```

```
chmod 4755 bin/readcd
```

Uninstalling File Scrub

1. Make sure the File Scrub application is closed. Navigate to the directory where the File Scrub software was installed.
2. Delete the FileScrub12 folder.

Note: Leave the cleansed and logfile folders that are in your <userhome>/File Scrub folder/directory, as they have your previously reviewed files and logs. You may remove the `Config` file if you do not have custom settings you want to keep for another File Scrub installation. You can delete any remaining files.

File Scrub Support

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