

Document Overview

This document provides step-by-step instructions for installing Deep Freeze Mac on a single segment Local Area Network. Following these instructions will allow you to have Deep Freeze Mac installed and running within a few minutes. This document is not a substitute for the user guide!

Deep Freeze Mac Resources

User guides, video tutorials, white papers, and other documentation on Deep Freeze Mac are available in the Faronics Content Library at <http://www.faronics.com/html/library.asp>.

What is Deep Freeze Mac?

Deep Freeze Mac is a software program that prevents any permanent changes from being made to a machine. Deep Freeze Mac has two states: *Frozen* and *Thawed*. When Deep Freeze Mac is in a *Frozen* state, any changes made to the machine are forgotten when the machine is restarted. When Deep Freeze Mac is in a *Thawed* state, any changes made to the machine are retained when the machine is restarted.

When making changes to a machine, such as installing software or performing updates, the machine needs to be put into a *Thawed* state. A reboot is required every time the state is changed.

Deep Freeze Mac can be deployed and controlled with Apple Remote Desktop (ARD) or any other third-party utility that supports remote command line scripts.

System Requirements

Deep Freeze Mac requires Mac OS X Panther v10.3.0 - 10.3.9, Tiger v10.4.1 and up, or Leopard v10.5 and up. ARD integration requires Apple Remote Desktop version 2.2 or later. A minimum of 256 MB of RAM is recommended. Deep Freeze Mac is a universal binary and supports Intel- and PPC-based Macs.

Installing Deep Freeze Mac

Installation and configuration of Deep Freeze Mac requires administrative access.

Deep Freeze Mac is distributed on a CD-ROM in a media package, or as a downloadable file via the Internet.

To install Deep Freeze, complete the following steps:

1. Double-click the installation package to begin the installation process.
2. Follow the steps presented, and read and accept the license agreement.
3. Click *Install* and Deep Freeze is installed on the computer.

The computer restarts to complete the installation.

Upon completion of a successful installation and after the computer has been restarted, Deep Freeze is automatically configured to put all drives and partitions into a Frozen state. The drives and partitions that are to be put in a Thawed state must be specified using the Deep Freeze Controller after the install.

Using the Deep Freeze Mac Controller

If all drives and partitions are Frozen on a machine, a user can create, save, change, and delete files. However, all changes are temporary. The complete contents of a Frozen drive or partition are restored at restart.



All changes made in the Deep Freeze Controller only take effect after a restart.

To launch the Deep Freeze Controller, browse to *Applications > Faronics > DFXControl*, and double-click the *DFXControl* icon .

Creating the First User

1. Unless a Deep Freeze user (DF User) was created using the Deep Freeze Assistant, the first time Deep Freeze Controller is launched, there are no DF Users present. A prompt appears to create a user.
2. Click *Create DF User*.
3. Enter a user name and password, and verify the password.
The first user created automatically has all available privileges.
4. Click *OK* to complete creating the first user.
5. After the first user has been created, the Deep Freeze Controller *Login* window appears. Enter a valid *DF User Name* and password and click *OK* to continue.
6. The Deep Freeze Controller screen appears.

Boot Control Tab

The Boot Control tab contains radio buttons used to change the status of Deep Freeze on a machine:

- To set the machine to a Frozen state, choose *Boot Frozen*
- To set the machine to a Thawed state, choose *Boot Thawed*

To save any changes made, click *Apply*. The changes take effect after a restart.

Drives Tab

When the *Drives* tab is selected, Deep Freeze searches the machine and lists the drives present on a machine. The drives listed can be put into a Frozen state or a Thawed state. All drives on the machine are initially Frozen by default. To save any changes made, click *Apply*. The changes take effect after a restart.

ThawSpace Tab

ThawSpace is an area on a Frozen drive where documents and changes are saved permanently. Administrators can create a personal ThawSpace for each local user, or a global ThawSpace that all local users can share.

Schedule Tab

The Schedule tab is used to configure a Maintenance period when the computer will be automatically Thawed to allow Apple Software Updates to be permanently applied. This schedule can occur on a repeating or one-time basis; users can be warned that a Maintenance period is about to occur.

DF Users Tab

The DF Users tab allows administrators to manage the Deep Freeze users present on a machine. There are a maximum of four users permitted on each machine.

Uninstall Tab

A machine must be in a Thawed state for the *Uninstall* option to be available. If the machine is in a Frozen state, the *Uninstall* option is not available.

To uninstall Deep Freeze, click *Uninstall* on the *Uninstall* tab. The computer restarts and Deep Freeze is uninstalled.



All components, including ThawSpaces, are permanently deleted when Deep Freeze is uninstalled.

Using Deep Freeze


After Deep Freeze has been installed and a configuration has been assigned to a partition, the computer can be operated as usual. The only visual evidence that Deep Freeze is installed on a machine are the presence of a Deep Freeze icon in the menu bar (if configured) and the Deep Freeze icon badge on each Frozen hard drive (if configured).

Users can make changes to the machine, including renaming or deleting files and folders, downloading files from the Internet, changing the desktop, and more. However, the Frozen drives and partitions are completely restored to their original configurations and contents at restart.

Deep Freeze Icons

When Deep Freeze is installed, the polar bear icon appears in the menu bar, if the icon has been configured to appear:

The Frozen polar bear icon  indicates that the machine is currently Frozen.

The Thawed polar bear icon  indicates that the machine is currently Thawed.

Saving Documents

On a Frozen machine, a user can permanently save documents to a Thawed partition, a ThawSpace, a network location, or onto a CD-ROM, USB keychain drive, or USB/FireWire hard drive.

Software Installation and Permanent Changes

Permanent changes and software installations can only be made to a Thawed machine or Thawed partition on the machine. If a machine is in a Frozen state, any software that has been installed will be gone after a restart.

A newly installed application should be run at least once while the machine is Thawed in order to create a preference file, dismiss registration dialogs, and initialize various values. It may require the computer to be restarted for setup to be completed. If this is the case, it is recommended to let the computer restart, log in with the same user account, run the application once, and then log out before setting the machine to reboot in a Frozen state.

Checking for Deep Freeze Updates

To check if your version of Deep Freeze is the most current one, select *Help > Check For Updates*. A dialog appears, stating if your version is up to date or if there is a more current one available.

Contact Faronics

Free technical support is available to you during your evaluation period. Contact our Technical Support department at 800-943-6422 or through <http://www.faronics.com/support>.

For further product, pricing, and ordering information, please contact the Customer Service Department at (800) 943-6422 or by email at customerservice@faronics.com.

A complete listing of all Faronics software for Macintosh computers is on our Mac index page at: <http://www.faronics.com/mac>.