

Deep Freeze Mac v7.3 for Big Sur – Dec 2020 Update

For the APFS version of Deep Freeze:

Deep Freeze must be disabled prior to performing updates of macOS to ensure the integrity of the computer.

For macOS versions prior to Big Sur:

Deep Freeze is able to programmatically disable automatic software updates or prevent Standard users from performing software updates.

Starting with macOS Big Sur:

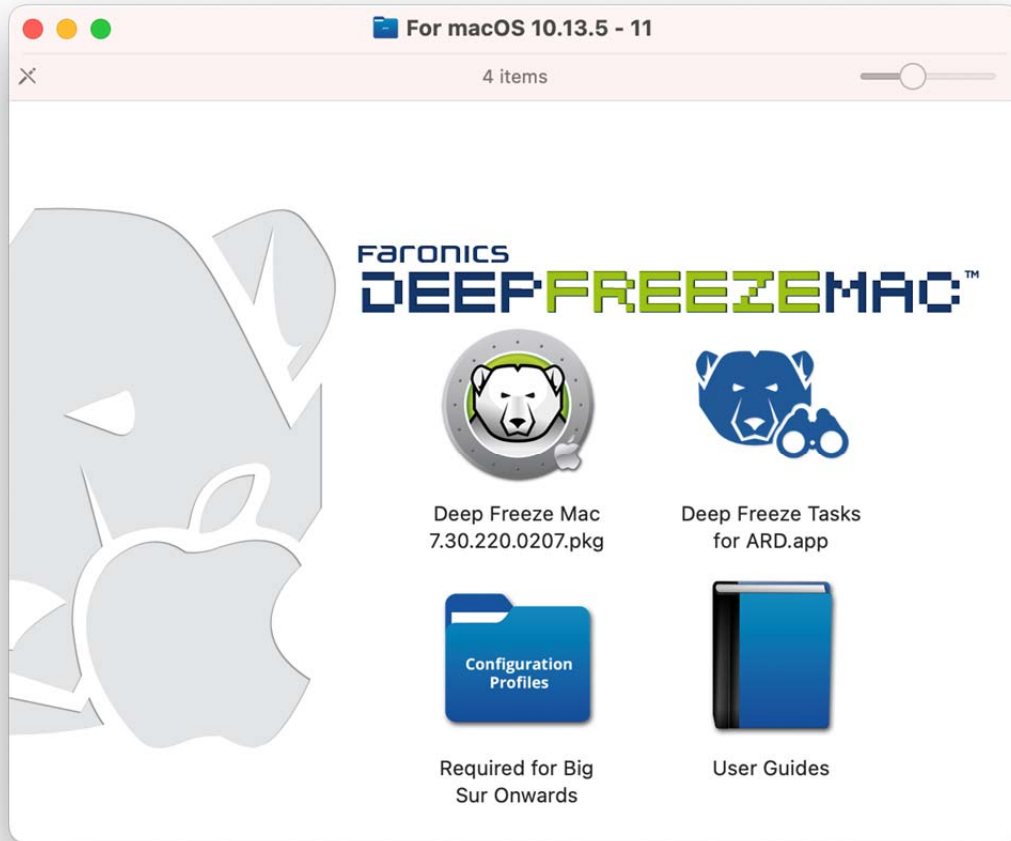
Apple no longer allows vendors to install the necessary configuration profiles to disable automatic software updates or prevent Standard users from performing software updates.

Solution:

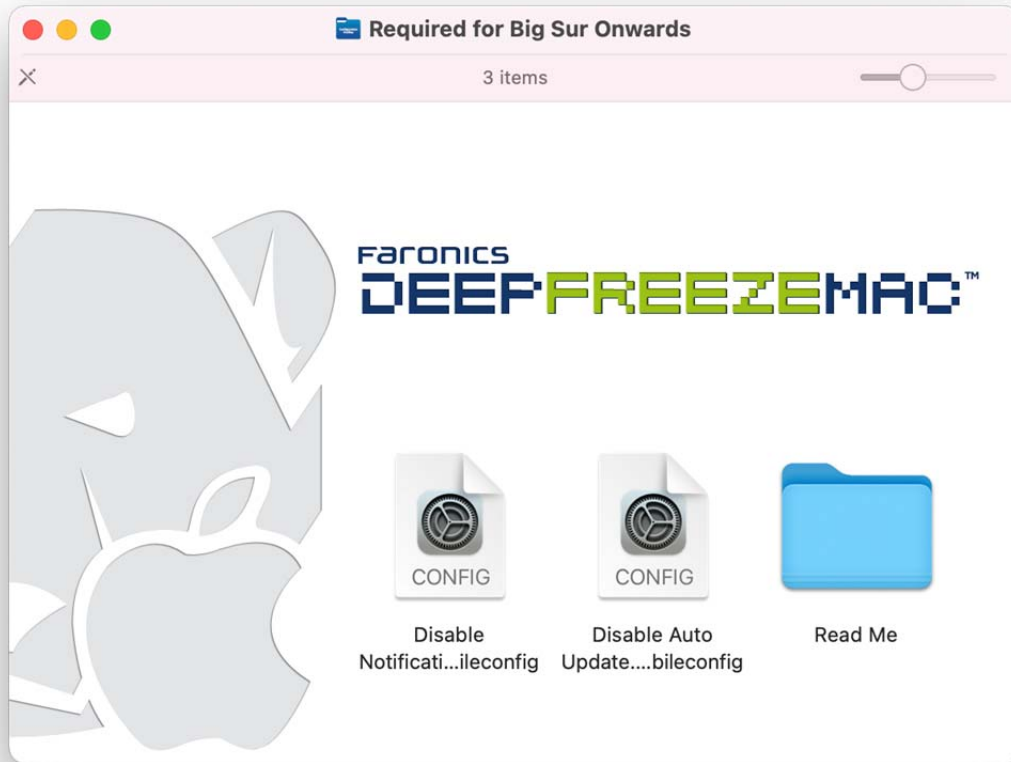
There are two configuration profiles included in the Deep Freeze Mac disk image. These profiles can be installed using the following methods:

- Manually
- Apple Remote Desktop
- Mobile Device Management

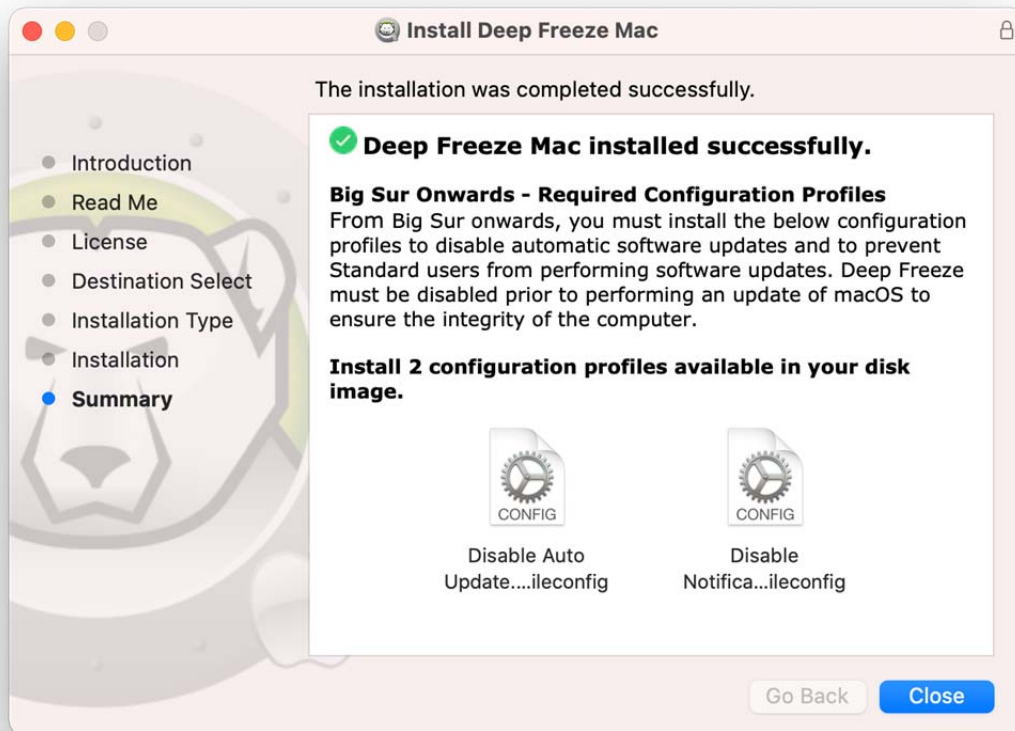
Here is what the Deep Freeze Mac disk image looks like:



When you click on the Configuration Profiles folder, you see the two required profiles:



A reminder is also displayed at the end of the installation:



What about Deep Freeze Cloud?

Deep Freeze Cloud version is now available as well!

Similar to the on-premise version, customers will need to install two configuration profiles.

Install Cloud Agent Interface

The screenshot shows the 'Install Cloud Agent' page in the Deep Freeze Cloud management console. The top navigation bar includes 'COMPUTERS', 'GROUPS', 'POLICIES', 'APPLICATIONS', 'WINDOWS UPDATES', 'IMAGING', 'DEEP FREEZE ON DEMAND', 'USAGE STATS', 'MDM', 'REPORTS', and 'OTHER'. The breadcrumb trail is 'Home > Install Cloud Agent'. The main content area has a heading 'Select the Group, Policy, and installation options:'. There are radio buttons for 'Windows' and 'Mac', with 'Mac' selected. Below this are dropdown menus for 'Group' (set to 'Default') and 'Policy' (set to 'Faronics Default Mac'). There are two radio buttons for installation options: 'Download the installer to install on any computer.' (selected) and 'Obtain a URL for installing on other computer(s)'. A help box contains the text 'Using Apple Remote Desktop for deployment? Learn More'. At the bottom are two buttons: a green 'DOWNLOAD NOW' button with a downward arrow and a black 'BACK' button with a leftward arrow.

Policy Interface

The screenshot shows the 'Policy Interface' for 'DEEP FREEZE MAC'. The left sidebar has 'GENERAL SETTINGS' and 'DEEP FREEZE MAC' (with a green checkmark). Under 'DEEP FREEZE MAC' are sub-items 'DEEP FREEZE MAC (HFS+)' and 'DEEP FREEZE MAC (APFS)'. The main content area has a toggle switch 'Enable (Install and use below settings)' and a 'Restore Default Settings' link. Below the toggle are tabs for 'Volumes', 'ThawSpace', 'Passwords', 'Maintenance', and 'Advanced Options'. The 'Volumes' tab is active, showing a section titled 'Thawed Volumes'. The text says 'Specify the volumes to be Thawed on your Mac'. There is a text input field for 'Thawed Volume Name' and an 'ADD' button. Below this is a table with one row: 'Volume Name' in a blue header and 'No Thawed Volume set.' in the body. A help box contains the text 'Only APFS volumes supported. Deep Freeze will disable automatic software updates to prevent users from performing software updates on a Frozen computer.' At the bottom is a warning section titled 'Deep Freeze macOS Big Sur Onwards' with the text 'From Big Sur onwards, Deep Freeze can no longer install the configuration profiles to disable automatic software updates or prevent Standard users from performing software updates.' and a link 'Download required configuration profiles'.

Configuration Profile to Download



Is Deep Freeze compatible with Apple Silicon?

Currently, there is an issue with Deep Freeze performing Apple software updates on Apple Silicon. This is because Apple Silicon prompts for a second password when downloading updates. Users on Apple Silicon should not enable Apple software update in a Deep Freeze maintenance period. We are actively working with Apple to resolve this.

What is Apple Silicon?

Starting with certain models introduced in late 2020, Apple began the transition from powering their Macs with Intel processors to Apple Silicon. They call this new chip "M1".