Hitachi Content Platform Anywhere Enterprise

v7.5

Edge Filer Cache Assist Guide

This document describes how to use Cache Assist with HCP Anywhere Enterprise Edge Filer.

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Preface

About this document

Hitachi Vantara provides a macOS Finder extension, (HCP Anywhere Enterprise Cache Assist), for enhanced display of cached network shares for the purpose of providing a consistent user experience across any desktop and edge filer.

Hitachi Content Platform Anywhere Enterprise Cache Assist integration in macOS Finder includes the following:

- Icon overlays.
- Ensuring that files and folders are available locally on your computer.
- Preview files that are not stub files.

Document conventions

This document uses the following typographic convention:

Convention	Description
Bold	• Indicates text in a window, including window titles, menus, menu options, buttons, fields, and labels. Example: **Click OK**. • Indicates emphasized words in list items.
Italic	Indicates a document title or emphasized words in text.
`Monospace`	Indicates text that is displayed on screen or entered by the user. Example: `pairdisplay -g oradb`

Intended audience

This document is intended for HCP Anywhere Enterprise users from a macOS PC.

Accessing product downloads

Product software, drivers, and firmware downloads are available on Hitachi Vantara Support Connect: https://support.hitachivantara.com/.

Log in and select Product Downloads to access the most current downloads, including updates that may have been made after the release of the product.

Getting Help

Hitachi Vantara Support Connect is the destination for technical support of products and solutions sold by Hitachi Vantara. To contact technical support, log on to Hitachi Vantara Support Connect for contact information: https://support.hitachivantara.com/en_us/contact-us.html.

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Chapter 1. Installing HCP Anywhere Enterprise Cache Assist

Download HCP Anywhere Enterprise Cache Assist on the macOS computers that connect to a HCP Anywhere Enterprise Edge Filer that is configures in Caching mode. You download HCP Anywhere Enterprise Cache Assist from Hitachi Vantara.

Note: You only need to download and install HCP Anywhere Enterprise Cache Assist once. After installing HCP Anywhere Enterprise Cache Assist, you are automatically prompted to update it when a new version is released by Hitachi Vantara.

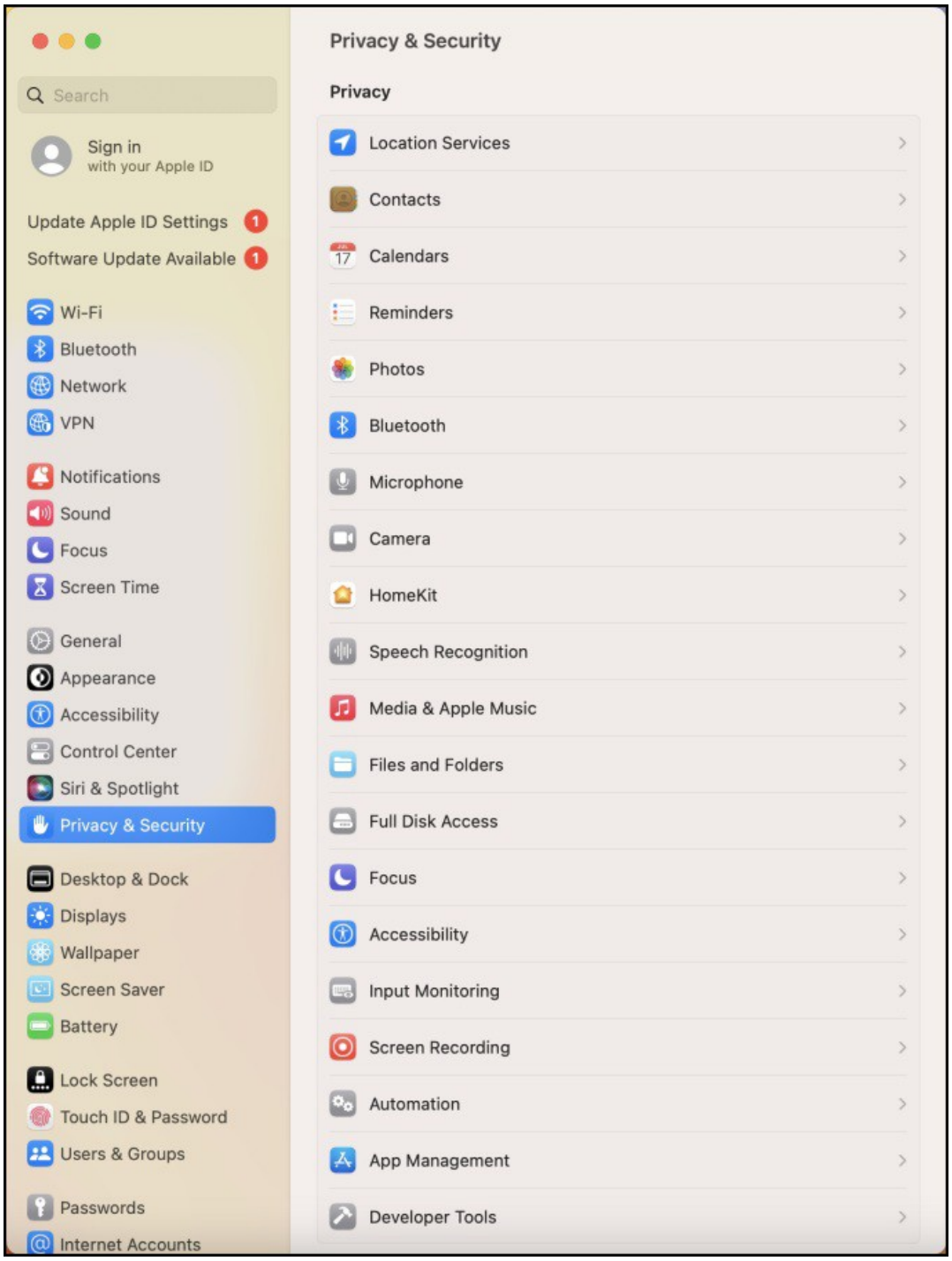
To install HCP Anywhere Enterprise Cache Assist:

Note: This procedure assumes the default, that the ability to open anywhere is not displayed in **System Settings > Privacy & Security**. For older versions of macOS, the option is available by default.

1. Close **System Settings** if it is open.
2. Open the **Terminal** application.
3. Enter the following command: `sudo spctl --master-disable`
4. Press **Return** and enter the administrator password and press **Return**.

5. Click **System Settings** and in the menu click **Privacy & Security**.

The following window is displayed.



6. Scroll down to the **Security** section and make sure **Anywhere** is selected for the **Allow application download from** option.
7. In Finder, under **Downloads** double-click the *CacheAssist_Vx.x.pkg* download.

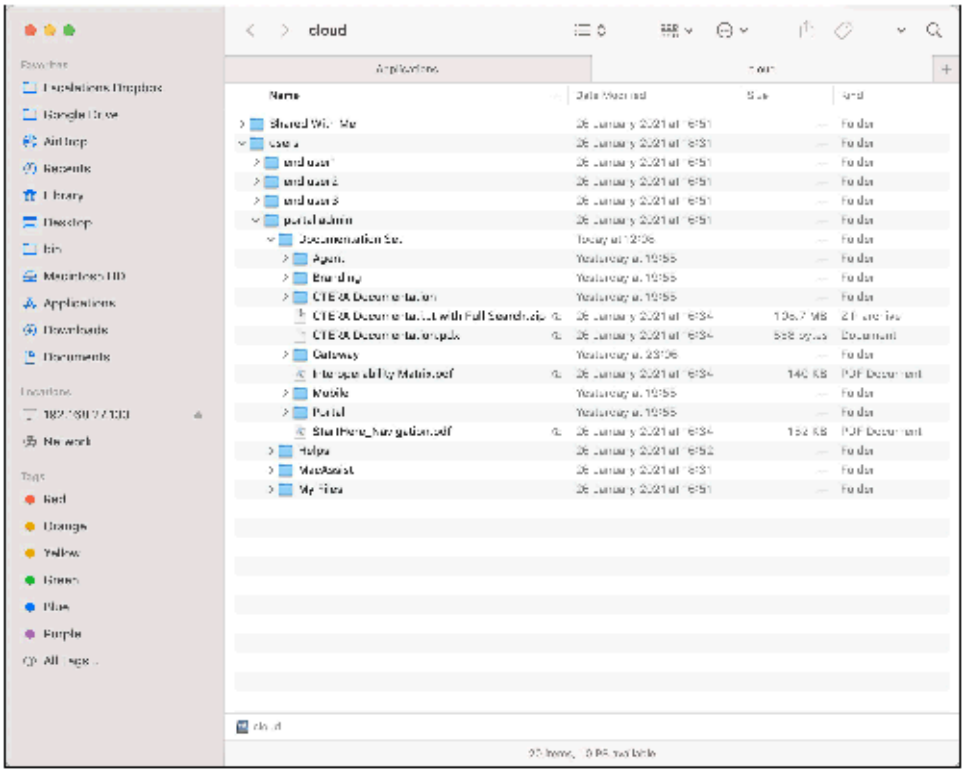
Note: If you do not have permission to open an application from anywhere, a warning is displayed.
Click **OK** to exit the installation and follow the opening steps of this procedure to enable the installation.

8. The **Install CacheAssist_Vx.x** window is displayed.
9. Click **Continue** and go through the installation wizard.
   - In the **Installation Type** step. either click **Install**, which is recommended by Hitachi Vantara, or click **Change Install Location** to install on a location that is not the default. If you want to change the install location, after clicking **Change Install Location**, select the destination you want and click **Continue** and then click **Install**, or if a password is requested, click **Install software**.
10. Click **Close** to finish the installation and at the prompt either click **Keep**, to keep the installer or **Move to Trash** to free up the space used by the installer.
11. In Finder, select **Applications** and then double-click **HCP Anywhere Enterprise Cache Assist** from the list of the applications. The **HCP Anywhere Enterprise Cache Assist** window is displayed.
12. Make sure **Enable** is checked to be able to use HCP Anywhere Enterprise Cache Assist.

    Note: A property list (plist) can be used to control enabling and disabling the CacheAssist agent by an administrator without user intervention. If for any reason you need to control when HCP Anywhere Enterprise Cache Assist Cache Assist is enabled or disabled, you can do this by changing the **CAEnabled** property in the plist file by running the following command to disable Hitachi Content Platform Anywhere Enterprise Cache Assist: `defaults write D6PHDN9EA4.group.ctera.CacheAssist CAEnabled 0` and re-enable HCP Anywhere Enterprise Cache Assist with the following command: `defaults write D6PHDN9EA4.group.ctera.CacheAssist CAEnabled 1`. To see the current status, run the following command: `defaults D6PHDN9EA4.group.ctera.CacheAssist CAEnabled`. When **CAEnabled** is `1`, HCP Anywhere Enterprise Cache Assist is enabled. When it is `0`, HCP Anywhere Enterprise Cache Assist is disabled.
13. Optionally, click **Disable Preview**. For details about this feature, see Disabling Previews of Stub Files

Chapter 2. Using HCP Anywhere Enterprise Cache Assist

After installing HCP Anywhere Enterprise Cache Assist on the macOS computer, when the computer is connected to an edge filer that is configured for caching, stub files are identified in Finder by a stub icon, . For example:



Finder reports that the total space and available free space for the mapped drive is a very high number to simulate the caching ability of infinite storage.

Downloading Stub Files and Folders On the macOS

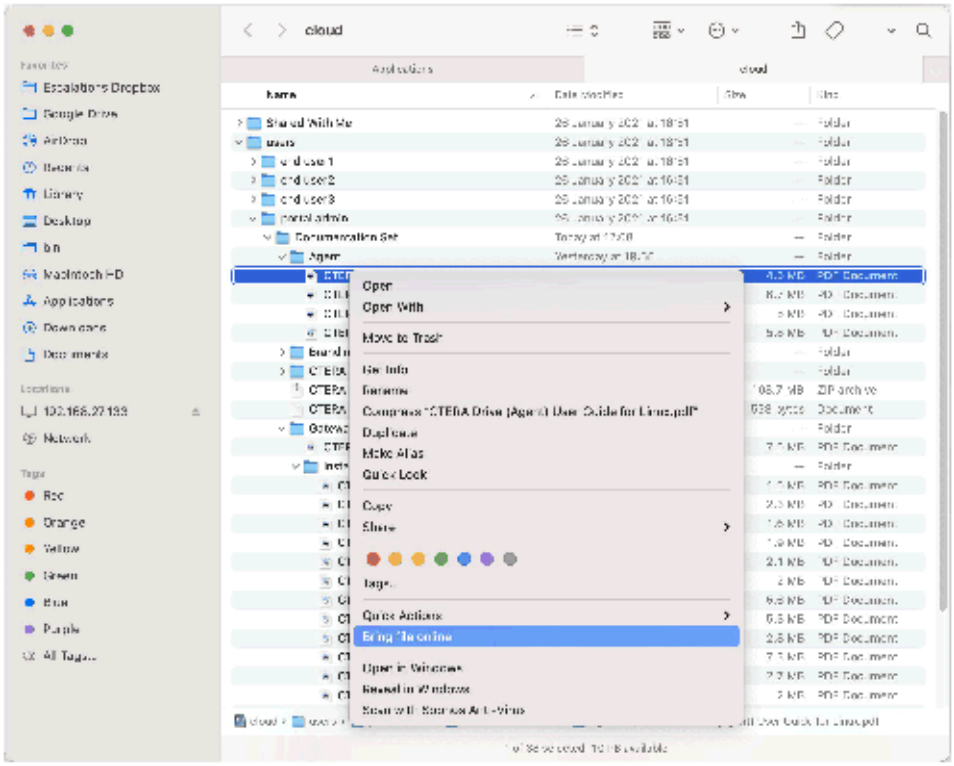
When you click on a stub file it is automatically downloaded to the edge filer from the portal and the stub icon is removed from the file in Finder. All macOS computers that connect to the same edge filer will see the file without the stub icon, without having to refresh the screen.

If you want to download to your computer a file or a folder, with its subfolders, so it is ready for you to work on, you can right-click the item and choose the bring online option. The selected content is added to a queue and downloaded to your computer. You can also select multiple folders or files to download to your computer.

Note: Clicking a file to open it immediately downloads this file, regardless of the files being queued to be downloaded.

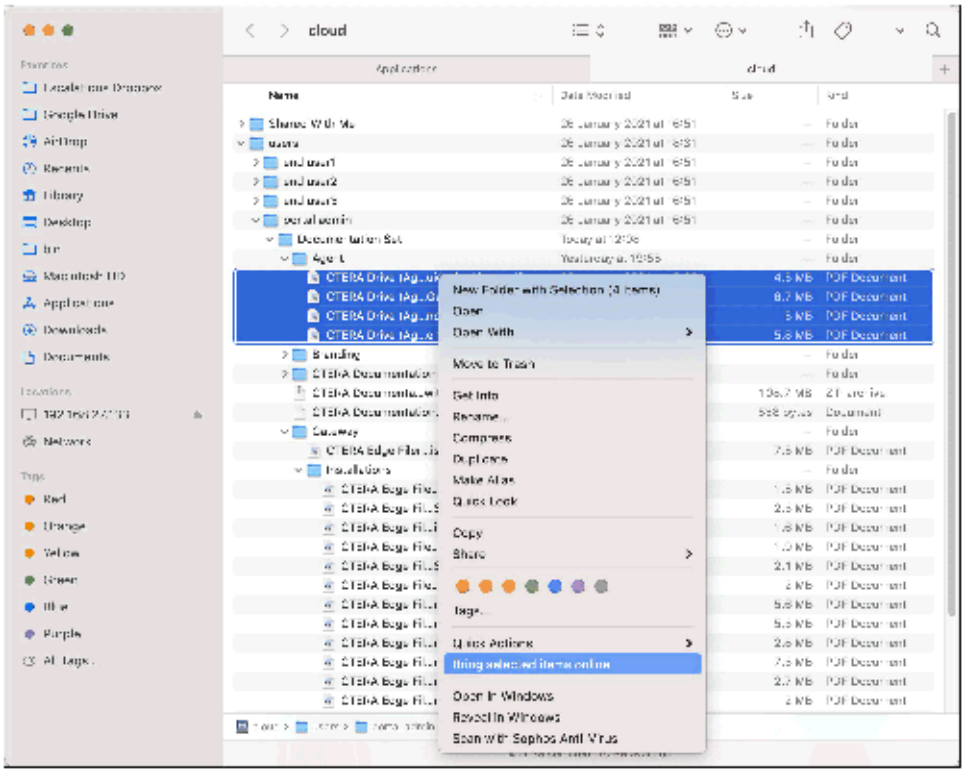
Downloading a File

To download a file, right-click a file and then click **Bring file online** to download the file on your computer.



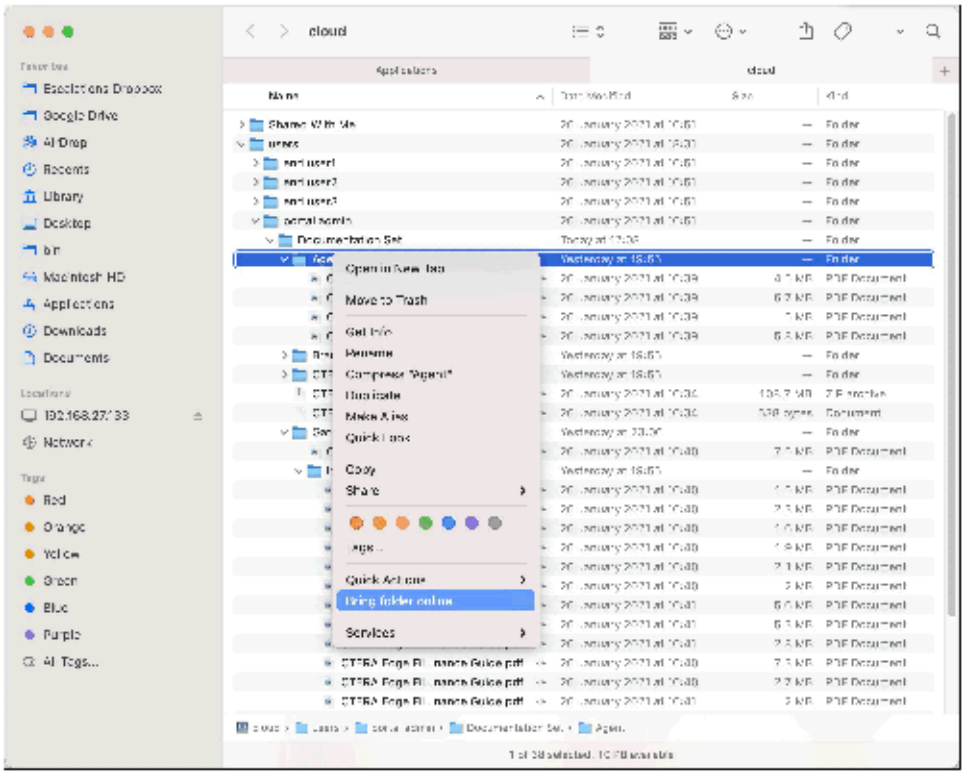
Downloading Multiple Files

To download more than one file, select multiple files to bring online and right-click. Click **Bring selected items online** to download all the selected files on your computer.



Downloading a Folder and Subfolders

To download a folder with its subfolders, right-click a folder and then click **Bring folder online** to download the folder and its subfolders on your computer.



Disabling Previews of Stub Files

To disable previews only for stub files:

1. In Finder, select **Applications** and then double-click **HCP Anywhere Enterprise Cache Assist** from the list of the applications.
   The **HCP Anywhere Enterprise Cache Assist** window is displayed.
2. Make sure **Enable** is checked.
3. Check **Disable Preview**.

Controlling Whether HCP Anywhere Enterprise Cache Assist is Enabled

If for any reason you need to control when HCP Anywhere Enterprise Cache Assist is enabled or disabled, you can do this by changing the **CAEnabled** property in the plist file by running the following command to disable HCP Anywhere Enterprise Cache Assist: `defaults write D6PHDN9EA4.group.ctera.CacheAssist CAEnabled 0` and re-enable HCP Anywhere

Enterprise Cache Assist with the following command: `defaults write D6PHDN9EA4.group.ctera.CacheAssist CAEnabled 1`

To see the current status, run the following command: `defaults write D6PHDN9EA4.group.ctera.CacheAssist CAEnabled`. When **CAEnabled** is 1, HCP Anywhere Enterprise Cache Assist is enabled. When it is 0, HCP Anywhere Enterprise Cache Assist is disabled.

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