

Hitachi Content Platform Anywhere Enterprise

v8.0.1315.17

Portal Release Notes

This document describes features, licensing information, and known issues for the 8.0.1315.17 release of HCP Anywhere Enterprise Portal.

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Preface

About this document

This book describes the latest release of the HCP Anywhere Enterprise Portal.

Document conventions

This document uses the following typographic convention:

Convention	Description
Bold	<ul style="list-style-type: none">Indicates text in a window, including window titles, menus, menu options, buttons, fields, and labels. Example: Click OK.Indicates emphasized words in list items.
<i>Italic</i>	Indicates a document title or emphasized words in text.
Monospace	Indicates text that is displayed on screen or entered by the user. Example: <code>pairdisplay -g oradb</code>

Intended audience

This document is intended for HCP Anywhere Enterprise administrators.

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. HCP Anywhere Enterprise Portal

8.0.1315.17

HCP Anywhere Enterprise Portal 8.0.1315.17 requires portal image 8.0.1315.17

HCP Anywhere Enterprise Portal is a scalable cloud service delivery platform that you install at your own data center or in a cloud environment and use to create, deliver and manage cloud storage applications, including a Global File System, and file access via stubbing/caching.

LICENSING HCP Anywhere Enterprise PORTAL

You cannot upgrade to HCP Anywhere Enterprise Portal version 7.5.x without a valid license that has not expired. When the portal license is about to expire, notifications appear in the portal user interface and the administrator can contact Hitachi Vantara for a license renewal. Additionally, emails are sent to the administrator.

Installing or Upgrading HCP Anywhere Enterprise Portal

For installation details, including ports that must be open, refer to the installation guide for your platform.

Active Directory Running on Windows 2003

Support for the weak encryption mode used by Active Directory on Windows Server 2003 is not supported by default. When using HCP Anywhere Enterprise Portal and Active Directory on Windows Server 2003,

```
set /settings/defaultPortalSettings/activeDirectorySettings/legacyActiveDirectorySupport true. The default is false.
```

Set true to enable support for the encryption mode used by Active Directory on Windows Server 2003. This setting is false by default.

Upgrading the HCP Anywhere Enterprise Portal

The HCP Anywhere Enterprise Portal image and software on all HCP Anywhere Enterprise Portal servers can be upgraded as described in *Upgrading a HCP Anywhere Enterprise Portal* in the installation guide for your platform. You must upgrade both the HCP Anywhere Enterprise Portal image to the latest HCP Anywhere Enterprise Portal image as well as the HCP Anywhere Enterprise Portal software. After upgrading the HCP Anywhere Enterprise Portal image, you must reboot every server in the HCP Anywhere Enterprise Portal environment.

Branding Considerations

Hitachi Vantara recommends branding the portal using the Palette Generator. The CSS files generated can then be incorporated in the branded skin.

Checking the HCP Anywhere Enterprise Portal Cloud File System (FSCK)

In order to check the consistency between the HCP Anywhere Enterprise Portal database and the actual data in the storage node, HCP Anywhere Enterprise Portal has a utility, FSCK, similar to the Linux FSCK utility. HCP Anywhere Enterprise Portal FSCK **must** be run only with approval from Hitachi Vantara support.

What's New: Main New Features

HCP Anywhere Enterprise Portal version 8.0.1315.8 included a number of new features for global and team portal administrators and for end users. The following sections provide an overview of the new features.

Global Administration

Global administrator features:

- [Administrator Role for WORM Compliance: HCP Anywhere Enterprise Vault](#)
- [Setting Up Access to Portal Content Using the S3 API](#)
- [Storage Node Changes](#)
- [Ability to Enable Zones From the User Interface](#)

Administrator Role for WORM Compliance: HCP Anywhere Enterprise Vault

WORM (write once, read many) compliance ensures that data cannot be tampered with or deleted.

Hitachi Vantara provides a role, *Compliance Officer*, and a permission, *Manage Compliance Settings*, that you use to manage compliance. You can also set the *Manage Compliance Settings* permission for a *Read/Write Administrator*.

Only administrators with the *Manage Compliance Settings* can set up the HCP Anywhere Enterprise Vault on a folder.

Note: When WORM will be implemented, you must enable *Object Lock* on the bucket used for the cloud folder content.

Setting Up Access to Portal Content Using the S3 API

Portal content can be accessed using the S3 API either using supported S3 operations in programs or using an S3 browser application like FileZilla, WinSCP, Cyberduck, CloudBerry, and S3 Browser.

A portal server must be designated as an *S3 endpoint*.

Note: Checking the **S3 Endpoint** is required on only one server. For high availability, you can set the **S3 Endpoint** on more than one server.

Storage Node Changes

Note: Hitachi Vantara recommends that whenever you create a new S3 bucket to use as the backend storage for a storage node, you enable object lock on the bucket.

The following new storage node is available: *Hitachi Vantara HCP (S3)*.

Ability to Enable Zones From the User Interface

Zones can be enabled from the **Global Settings** window, accessed from the **Control Panel** by clicking **SETTINGS > Global Settings**.

Team Portal Administration

Team administrator features:

- [WORM Compliance: HCP Anywhere Enterprise Vault](#)
- [Setting Up Access to Portal Content Using the S3 API](#)

WORM Compliance: HCP Anywhere Enterprise Vault

WORM (write once, read many) compliance ensures that data cannot be tampered with or deleted. In many industries, and especially regulated industries such as financial services and government sectors, organizations are required to store certain types of data in unalterable formats. **HCP Anywhere Enterprise Vault** uses WORM technology to prevent editing, overwriting, renaming or erasing this data.

When a cloud drive folder is defined with folder compliance, after an initial, optional, grace period, the contents of the folder can be protected from any attempt to change the folder content such as by renaming, moving, modifying, or deleting content for a specified retention period.

HCP Anywhere Enterprise Edge Filer must be 7.6.3111.5 or higher.

From HCP Anywhere Enterprise Edge Filer version 7.6.3111.22, migrating data from HCP Gateway or Hitachi Data Ingestor using HCP Anywhere Enterprise Migrate, will maintain the WORM compliance settings. The retention time that remains for each file will be preserved in the data in HCP Anywhere Enterprise. Enabling this feature requires running a command. For details, contact Hitachi Vantara support.

Setting Up Access to Portal Content Using the S3 API

Portal content can be accessed using the S3 API either using supported S3 operations in programs or using an S3 browser application like FileZilla, WinSCP, Cyberduck, CloudBerry, and S3 Browser.


A new **Folder** option, *Buckets*, is listable by S3 and by CTPP.

End User Portal View

End user features:

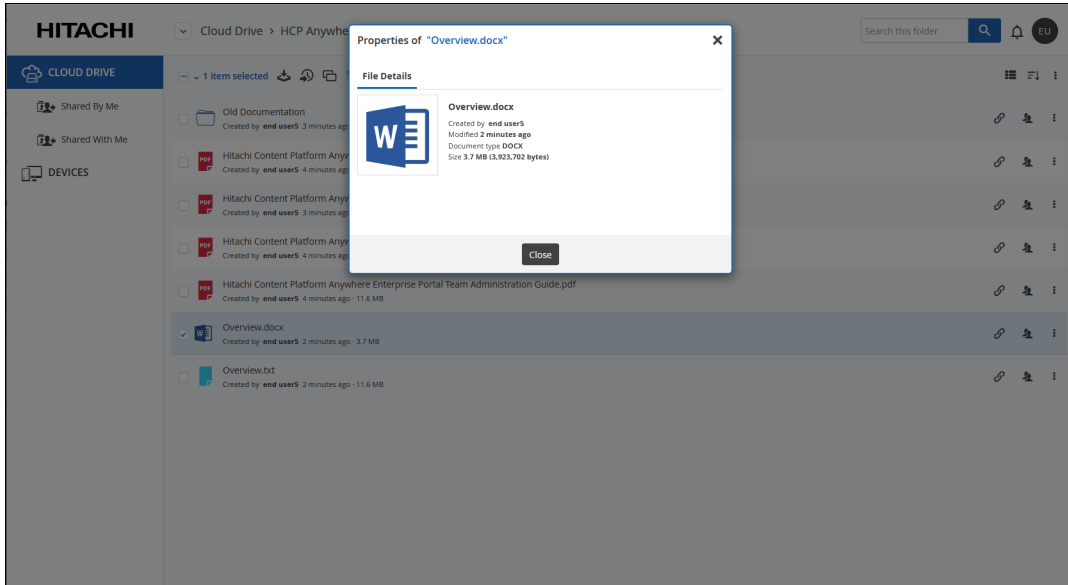
- [Item Details](#)
- [Using an S3 Browser to Access Cloud Drive Folders](#)

Item Details

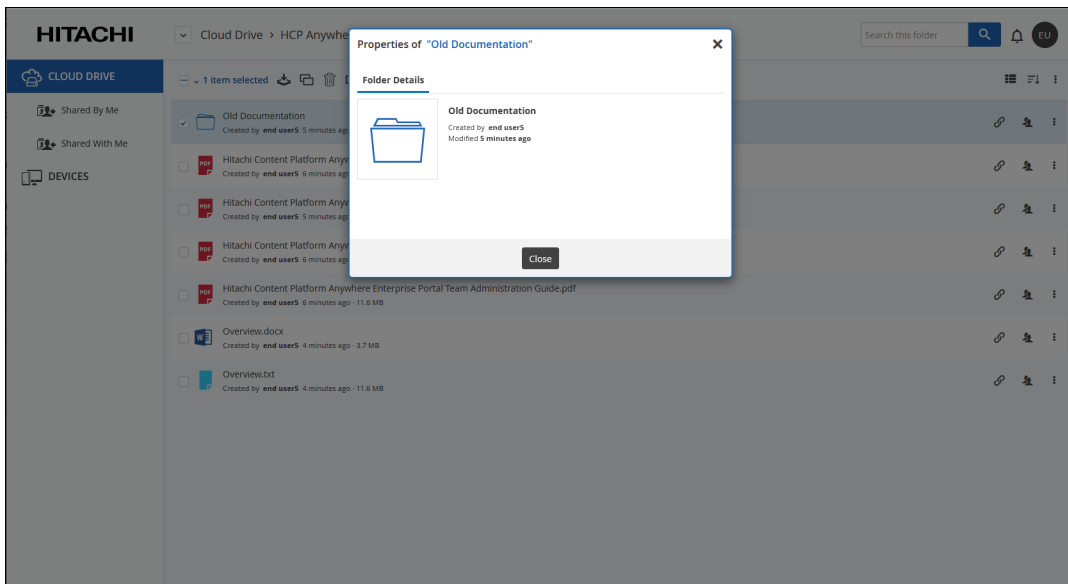
When selecting one or more folders or files, you can click  in the top menu to display folder or file details.

Details of the item are then displayed.

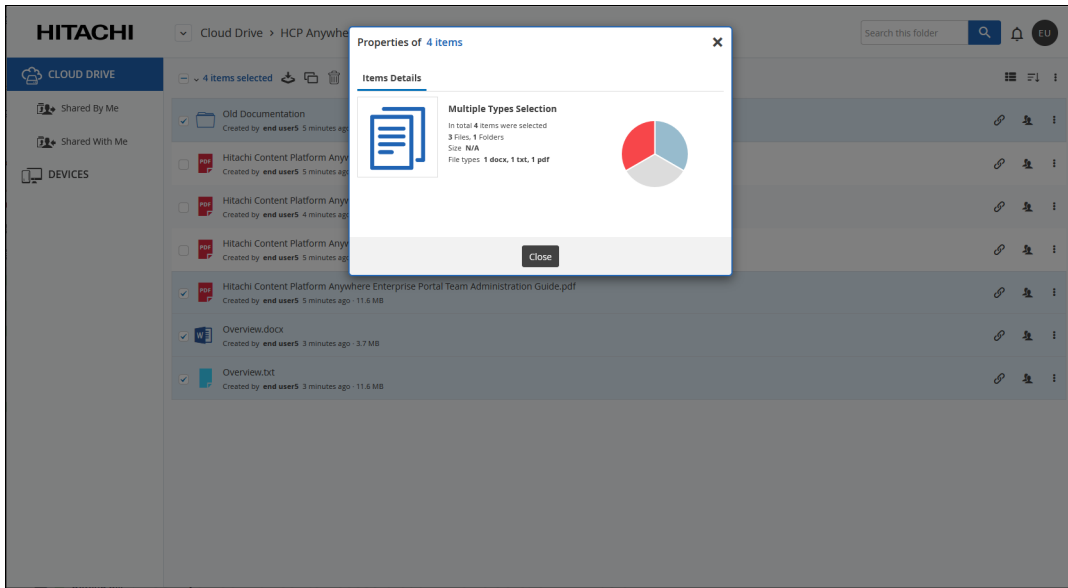
Single File Details



Single Folder Details



Multiple Item Details



Note: A team administrator with the *Manage Compliance Settings* permission has an additional tab, *Compliance*, when selecting one or more folders or files in the end user portal.

Using an S3 Browser to Access Cloud Drive Folders

HCP Anywhere Enterprise Portal content can be accessed using the S3 API. The content is the same content that is available using the WebDAV protocol, for example using HCP Anywhere Enterprise Drive Connect. This enables you to browse and modify the data using applications like FileZilla, WinSCP, Cyberduck, CloudBerry, and S3 Browser.

What's New In the HCP Anywhere Enterprise Portal Image

The HCP Anywhere Enterprise Portal image includes the following:

ID Number	Description
PIM-3703	The portal-manage.sh status command now includes information about the status of Consul and Nomad tools.
PIM-3741	Messaging service dockers have been updated.
PIM-3777, PIM-3782	Messaging infrastructure did not start quickly enough, sometimes causing the HCP Anywhere Enterprise Messaging service to fail.
PIM-3789, PIM-3791	Improved security

Additional New Software Features

ID Number	Description
SP-24002	All S3 storage nodes support Signature Version 4.

Resolved Software Issues

ID Number	Description
SP-23732	A HCP Anywhere Enterprise Portal with FIPS enabled could not connect to Active Directory via TLS.
SP-23779	The task to update accounts ran multiple times a day instead of once a day.
SP-23856	Messaging had to be started from the primary server or it failed.
SP-23888	In specific scenarios, Active Directory groups were not fetched to the portal.
SP-23890	The HCP Anywhere Enterprise Portal sent too many requests to the antivirus server in too short a time.
SP-23919	When a HCP Anywhere Enterprise Edge Filer that was in a zone was upgraded to 7.6.x, folders that should have been synced from the portal were not synced.
SP-23997, SP-24002	The Hitachi Vantara HCP (S3), GenericS3V4, and Generic (S3) storage nodes issued an error when the HCP Anywhere Enterprise Portal connected to the storage node.
SP-23999	Messaging infrastructure did not start quickly enough, sometimes causing the HCP Anywhere Enterprise Messaging service to fail.
SP-24015	The snapshot cleaner task did not run, when triggered automatically or manually, after upgrading from 7.0.x.
SP-24017	Uploading files from a HCP Anywhere Enterprise Edge Filer started to become slower and slower over time.
SP-24029	Renaming cloud folders in a zone between HCP Anywhere Enterprise Edge Filer cache sync updates caused the cloud folder change to be lost.
SP-24056	Restoring many files (over 100,000 files) took too long.

Known Issues

The following known issues apply to HCP Anywhere Enterprise Portal:

ID Number	Description
PIM-3654	The HCP Anywhere Enterprise Messaging service cannot be configured when FIPS is set.
SP-16614	Support users with the relevant permissions cannot create user groups, add or remove users in an existing group nor delete users.
SP-17928	After changing a plan name and applying it, the process shows that zero users were updated.
SP-21806	Setting a preview server takes approximately 60 seconds to start working.

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