Hitachi Content Platform Anywhere Enterprise

v8.3.3000.19

Portal Release Notes

This document describes features, licensing information, and known issues for the v8.3.3000.19 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	• 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 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

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Chapter 1. Hitachi Content Platform Anywhere Enterprise Portal 8.3.3000.19

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

A *Cloud Drive Connect* license is available which is a subset of the existing full license for users who do not need to collaborate on shared documents and folders with other users, for mobile users, and for zero-minute disaster recovery.

Security Considerations

Hitachi Vantara is constantly looking at ways to improve security, for example by resolving external threats. Hitachi Vantara recommends always using the latest HCP Anywhere Enterprise Portal image as many of the security fixes require upgrading the HCP Anywhere Enterprise Portal image as well as the software.

Installing or Upgrading HCP Anywhere Enterprise Portal

You can only upgrade to a new version from an immediate previous version. If you have an older version, you must first upgrade in steps, first to an intermediate previous version and then to the new version.

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

Warning: **Before changing the IP address for the HCP Anywhere Enterprise Portal server instance you must wait until all the HCP Anywhere Enterprise Portal services, such as Nomad and Consul, have loaded. Loading the HCP Anywhere Enterprise Portal services take at least 5 minutes.**

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. Upgrading the HCP Anywhere Enterprise Portal image also upgrades the HCP Anywhere Enterprise Portal software. After upgrading the HCP Anywhere Enterprise Portal image on every server in the cluster, you must reboot every server in the HCP Anywhere Enterprise Portal environment.

After the first server boot at the end of the upgrade, HCP Anywhere Enterprise Portal components are loaded on to the data pool. Only after these components have successfully been loaded will the user interface become available.

Warning: You cannot upgrade the HCP Anywhere Enterprise Portal while running a storage node migration

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 HCP Anywhere Enterprise 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

Infrastructure Improvements

Ability to Send Logs to More than One Syslog Server

After enabling a Syslog server in the HCP Anywhere Enterprise Portal, you can add Syslog servers using the following CLI:

```
portal-syslog-client add_syslog_server <ip> <port> <protocol> [name] [ca_cert]
[client_cert] [client_key]
```

Required Parameters

<ip> – IP address of the syslog server
<port> – Port number of the syslog server
<protocol> – Protocol to use (UDP, TCP/TLS, or TCP/ClientCertAuth)

Optional Parameters

[name] – Unique identifier for the server (auto-generated if not provided).
[ca_cert] – CA certificate file (required for TLS).
[client_cert] – Cient certificate file (required for client authentication).
[client_key] – Client private key file (required for client authentication).

Note:

- You cannot add multiple servers with the same IP and port combination.
- If you add a server with a name that already exists, the existing server will be updated.
- All certificate files must exist and be readable. All certificates need to be placed under `/usr/local/lib/ctera/syslog/logstash/tls`.
- The service automatically creates a new logstash pipeline configuration for each server.

Core Infrastructure Upgrades

Key infrastructure components have been upgraded including:

- The Tomcat server
- The JDK
- The Blocks table has been changed to include map files instead of having the map files stored as objects in the storage node.

  Note: You cannot upgrade the HCP Anywhere Enterprise Portal while running a storage node migration.

FIPS 140-3 Validation

The HCP Anywhere Enterprise Portal supports FIPS 140-3.

Global Administration

New Look and Feel

The HCP Anywhere Enterprise Portal global administrator user interface has been modernized.

Backup to an S3 Bucket

In addition to PostgreSQL's built-in continuous archiving mechanism and PostgreSQL streaming replication that enables the continuous streaming and replication from a primary database server to a secondary, replication, server, you can also backup and restore the HCP Anywhere Enterprise Portal database to and from an S3 bucket.

Using HCP Anywhere Enterprise Backup to S3 allows administrators to back up the HCP Anywhere Enterprise Portal settings, base database backup, and archival logs automatically to a designated S3 bucket, ensuring data integrity and availability through consistent backups while providing administrators with a user-friendly interface for backup configuration and status monitoring.

QumuloS3 Storage Node

The new storage node, Qumulo, is now available.

Devices Report

The Reports page has a new report, **Devices**.

New Email Templates

The following email templates have been added:

- Consul Service Unhealthy
- Database Backup to Bucket has Errors
- Envoy Service Unhealthy
- Nomad Service Unhealthy
- S3 API Service Failed

Support for Bitdefender Antivirus

The Bitdefender antivirus software is supported.

Deprecated Features

Features that are not supported have been removed, such as:

- Support for seeding stations (was under Settings > Seeding Stations).
- Ability to create a reseller HCP Anywhere Enterprise Portal.

Team Administration

New Look and Feel

The team administrator HCP Anywhere Enterprise Portal user interface has been modernized.

Global File Locking

When files are shared by users Hitachi Vantara provides, in addition to conflict file handling, the option to lock files. Cloud drive folders can be configured so that only one user at a time can access the file for editing and the file will be locked for all other users.

Note: A license is required to enable global file locking.
HCP Anywhere Enterprise Edge Filer 7.11.4900.11 or later is required.

Deprecated Features

Features that are not supported have been removed, such as:

- Local backup log.
- The Applications configuration template.

What's New In the Portal Image

ID Number	Description
PIM-5415, PIM-5471	Improvements when restoring the database from an S3 bucket: • The archive pool size was not checked before restoring a database backed up to an S3 bucket. • Attempting to restore the database using the wrong bucket name failed with an error message that was not connected to the issue.
PIM-5452	A PostgreSQL vulnerability was resolved.
PIM-5466	Improved docker security.
PIM-5476	Even when the **portal-storage-util.sh** script completed successfully, the return code reported an error.
PIM-5669	*cloud-init* has been enabled for deployments in all platforms except for Microsoft Azure.

New Software Features

ID Number	Description
SP-27410	HCP Anywhere Enterprise Portal notifications have clearer categories.
SP-27423	Graph details are displayed for licenses in use and provisioned.
SP-27584	Object locking is supported for Cloudian and Wasabi (S3) storage nodes, in addition to the Amazon S3 storage node.
SP-27734, SP-27784	Map file migration can be disabled by setting `set /settings/cloudFSSettings/mapFileMigrationTaskInterval 0`.
SP-27799	The new storage node, VSP One Object (S3), is available.

Resolved Software Issues

ID Number	Description
SP-27460	Setting CAC under SSO blocked access to the HCP Anywhere Enterprise Portal for the global administrator without using CAC.
SP-27647	The HCP Anywhere Enterprise Portal displayed an incorrect list of available file versions when attempting to restore files.
SP-27747	Permanently deleting files failed when there were files with a missing parent.
SP-27770	Previous versions were displayed empty for **Shared With Me** folders.
SP-27826	Folder statistics were sometimes incorrect.
SP-27899	The primary database server could not start if the secondary, replication. server was down.

Hitachi Vantara

Corporate Headquarters 2535 Augustine Drive
Santa Clara, CA 95054 USA www.HitachiVantara.com community.HitachiVantara.com

Regional Contact Information
Americas: +1 866 374 5822 or info@hitachivantara.com
Europe, Middle East and Africa: +44 (0) 1753 618000 or info.emea@hitachivantara.com
Asia Pacific: +852 3189 7900 or info.marketing.apac@hitachivantara.com