Hewlett Packard
Enterprise

HPE Storage Optimizer

Software Version: 5.4

Release Notes

Document Release Date: November 2016

Software Release Date: November 2016

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HPE Storage Optimizer Release Notes

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This document is an overview of the changes made to HPE Storage Optimizer. It contains important information that is not included in guides or Help. You can find information about the following in this document:

- Documentation
- New features
- Fixed defects in this release
- Limitations and known issues

Documentation

The following documentation is new for this release:

- *HPE Storage Optimizer Best Practices Guide*
- *HPE Storage Optimizer Support Matrix*

The following documentation was updated for this release:

- *HPE Storage Optimizer Installation Guide.*
- *HPE Storage Optimizer Administration Guide*
- HPE Storage Optimizer Console Help system

New features

The following new features are available with the 5.4 release:

- Support for Federal Information Processing Standards (FIPS) security mode.

  If you want to install HPE Storage Optimizer on FIPS-enabled Windows servers, enable FIPS on the servers before you install and deploy HPE Storage Optimizer.

  The option to enable FIPS security mode is available in the HPE Storage Optimizer Configuration Manager for fresh 5.4 installations of Storage Optimizer. The FIPS installation requires re-indexing of the entire data set.

  For more information on configuring your Storage Optimizer environment with FIPS, see the *HPE Storage Optimizer Installation Guide*.

- Usage details

  A new page was added to the Storage Optimizer Administration Dashboard which displays the usage details for the Storage Optimizer installation.
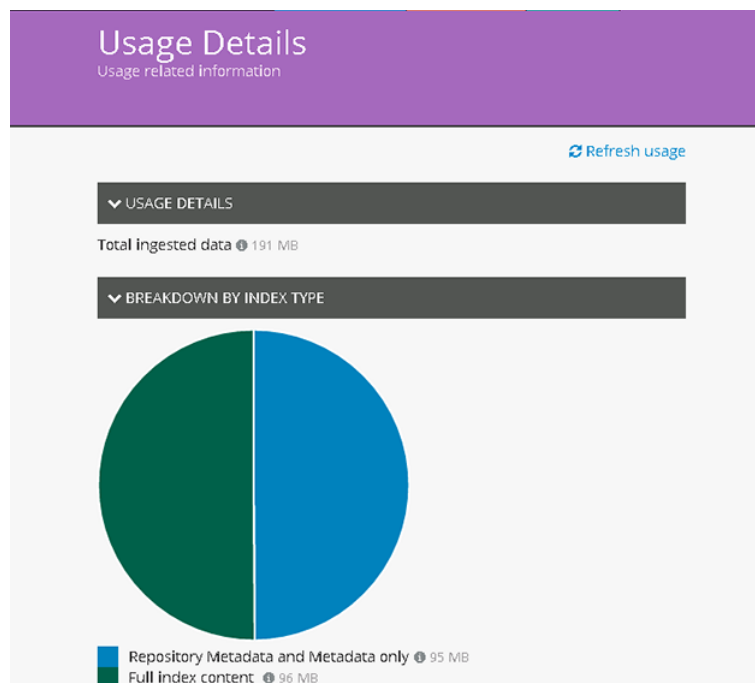
- ControlPoint web service (CPWS) HTTPS support.

- Support for HPE Verity Information Archiving release 1.4.1.

- Improved performance. Additional improvements to speed, efficiency and resource optimization of Storage Optimizer operations.

Enhanced Features

- Logging updates in several components to enable better troubleshooting and diagnosis of issues.

  - Edge Filesystem connector.

    - Edge Filesystem connector status is displayed on the Health Checks page in the Administration Dashboard.
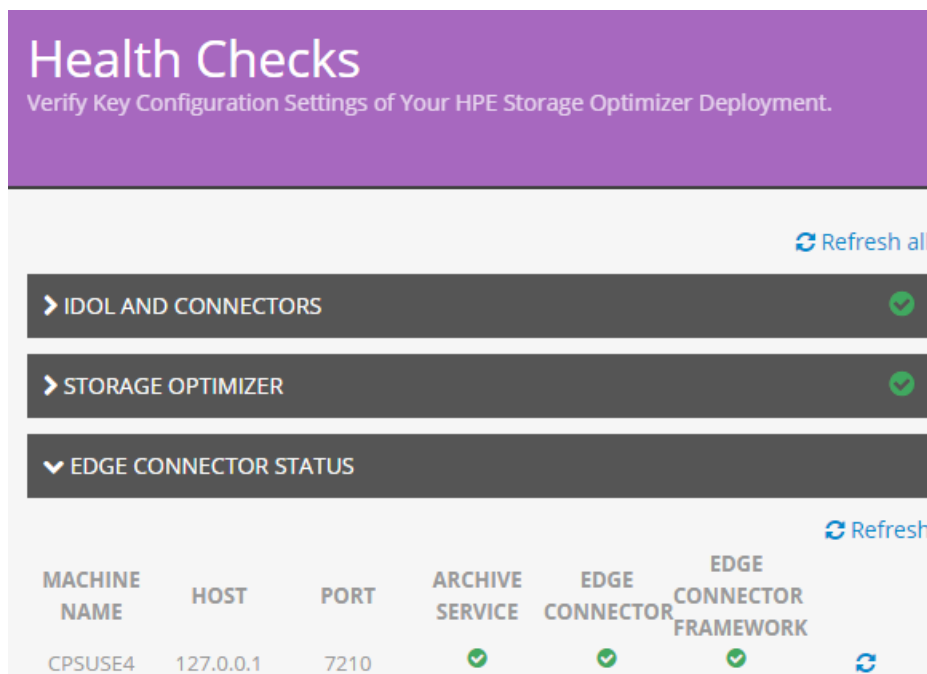
    - Additional logging for diagnosis of issues.

      Edge Filesystem connector logs have been improved so you can use them as part of investigation and diagnostics for connector issues.

  - Data Analysis Service and Data Analysis Controller.

    Data Analysis Service and Data Analysis Controller logs have been improved so you can use them as part of investigation and diagnostics of Data Analysis issues.

  - Storage Optimizer Engine.

    As part of investigation and diagnostics of policy execution issues, you can change the logging level of the HPE Storage Optimizer Engine. Logging levels can be changed with the Configuration Manager or by editing the configuration file.

> **NOTE:**
> For more information on configuring logging for different components, see the troubleshooting

chapter in the *HPE Storage Optimizer Installation Guide.*

- Utility enhancements

  The following utilities were updated to gather additional environmental information during upgrade:

  ○ Upgrade Verification utility was enhanced to display the repositories, connectors and connector information before an upgrade.

    For more information, see the *HPE Storage Optimizer Installation Guide.*

  ○ ControlPoint Support utility added a command line option to allow comparison of environmental information before and after an environmental change.

    For more information on the Support utility, see the appendixes in *HPE Storage Optimizer Installation Guide.*

Fixed defects in this release

The following defect fixes are available with the 5.4 release.

- CP-4904 Unable to index UNC paths with accents or special characters at top level

- CP-5663 Audit Report did not open the proper SQL Server Report page folder correctly

- CP-6247 XML repository issues cleanup

- CP-6311, CP-6308, CP-6307, CP-6305 IDOL configuration file cleanup.

- CP-6321 Repository Administrator permission did not override mapped IDOL security

- CP-6333 Error in CFS's Category.lua when there was a timeout

- CP-6335 Change Sample size when browsing a repository

- CP-6435 Unable to export files that have special character not supported by XML

- CP-6436 Unable to search for word in attachment

Limitations and known issues

- You will not be able to add Delete policies for HPE Verity Information Archiving repositories.

- Only a single HPE Verity Information Archiving direct target can be defined on a specific HPE Storage Optimizer installation.

- After creating a repository in HPE Verity Information Archiving Administration UI, and downloading and installing the license key, the Edge Filesystem Connector fails to connect to the HPE Verity Information Archiving cloud.

  To download the certificates

  1. Contact the HPE Support team for assistance with obtaining the HPE Verity Information Archiving API URL information.

  2. In a browser, navigate to https://*<verityInfoArchivingURL>*:*<gateway>*/v1/cert/download. Use the URL and gateway supplied by HPE Support.

  3. The certificates are downloaded in a ZIP file.

  4. Open the ZIP file and copy the `.pem` files to your Edge Filesystem Connector.

  5. Run the script to install the certificates. It is available at the following location:

     Linux:`/opt/Hewlett Packard Enterprise/Edge/Agent/Resources/installCert.sh`

     Windows:`\Program Files\Hewlett Packard Enterprise\Storage Optimizer\Archive Service\installCert.bat`

  6. At the prompt, enter the Java trusted keystore file password.

     The default password is **changeit**.

     If you changed the password for the Java default trusted keystore file, enter your password.

  7. The script prompts for one `.pem` file at a time.

  8. Stop and restart the Archive service.

     Linux: Stop and restart the `hploggedfs` process.

     Windows: Stop and restart the HPArchiveService in Services.

- When configuring IIS to support SSL, only the HPE Storage Optimizer and DataAnalysis Service applications registered in IIS will make use of SSL.

  The remaining applications, Category and CallbackHandler, will continue to communicate through HTTP. These applications will be updated to support SSL in a future HPE Storage Optimizer release.

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Feedback on Release Notes (HPE Storage Optimizer 5.4)

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