

Cloudera Manager 7.4.0

Release Notes

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CLOUdera

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Contents

Cloudera Manager 7.4.0 Release Notes.....4

 What's New in Cloudera Manager 7.4.0.....4

 Fixed Issues in Cloudera Manager 7.4.0..... 4

 Known Issues in Cloudera Manager 7.4.0.....5

Cloudera Manager 7.4.0 Release Notes

Known issues, fixed issues and new features for Cloudera Manager and CDP Private Cloud Base.

What's New in Cloudera Manager 7.4.0

New features and changed behavior for Cloudera Manager 7.4.0.

OPSAPS-59456: Add --shutDownCluster parameter for HBaseGracefulShutdownCommand

Changed the HBase graceful-stop command to include the --shutDownCluster parameter.

OPSAPS-59386: Ability to override JDBC connection string for SchemaRegistry and SMM

The database_jdbc_url_override configuration parameter has been added to Schema Registry and Streams Messaging Manager (SMM). This parameter overrides the JDBC URL of the database and allows you to pass specific parameters if necessary.

OPSAPS-57938: Kafka CSD improvements to automate configuration of Kafka-Atlas hook

Two new configuration fields have been introduced to the Kafka service:

- atlas.metadata.namespace.topic
- atlas.metadata.namespace.client

A new configuration field has been introduced to the Kafka Broker: atlas.audit.enabled. This parameter enables the Kafka -> Atlas auditing plugin. The plugin is autoconfigured and is disabled by default.

Third-party software updates

OPSAPS-59284: The org.apache.commons:commons-compress library is upgrade dto version 1.19 due to a CVE.

The commons-compress library has been upgraded to version 1.19.

OPSAPS-54389: Jython library upgraded to version 2.7.2 due to CVE

The Jython library has been upgraded to version 2.7.2.

Fixed Issues in Cloudera Manager 7.4.0

Fixed issues in Cloudera Manager 7.4.0

Cloudera Bug: OPSAPS-59481: Add default value to ranger.ldap.user.dnpattern parameter for Ranger

A default value has been added to prevent errors when the ranger.ldap.user.dnpattern parameter is not configured.

Cloudera Bug: OPSAPS-59431: Console errors and performance issues on Instances page

Improved the performance of the Select all checkbox on Instances pages for large numbers of instances.

Cloudera Bug: OPSAPS-59247: Add the RAZ s3 cluster name to the Ranger Audit log

The cluster name is now displayed in the Ranger audit log through RAZ.

Technical Service Bulletins

TSB 2021-488: Cloudera Manager is vulnerable to Cross-Site-Scripting attack (CVE-2021-29243 and CVE-2021-32482)

For the latest update on this issue see the corresponding Knowledge article:

[TSB 2021-488: Cloudera Manager vulnerable to Cross-Site-Scripting attack \(CVE-2021-29243 and CVE-2021-32482\)](#)

Known Issues in Cloudera Manager 7.4.0

Known issues in CM 7.4.0

Cloudera bug: OPSAPS-59764: Memory leak in the Cloudera Manager agent while downloading the parcels.

When using the M2Crypto library in the Cloudera Manager agent to download parcels causes a memory leak.

The Cloudera Manager server requires parcels to install a cluster. If any of the URLs of parcels are modified, then the server provides information to all the Cloudera Manager agent processes that are installed on each cluster host.

The Cloudera Manager agent then starts checking for updates regularly by downloading the manifest file that is available under each of the URLs. However, if the URL is invalid or not reachable to download the parcel, then the Cloudera Manager agent shows a 404 error message and the memory of the Cloudera Manager agent process increases due to a memory leak in the file downloader code of the agent.

To prevent this memory leak, ensure all URLs of parcels in Cloudera Manager are reachable. To achieve this, delete all unused and unreachable parcels from the Cloudera Manager parcels page.

Cloudera Bug: OPSAPS-59148: Hive on Tez service is marked as stale after Cloudera Manager upgrade

After upgrading Cloudera Manager, Hive On Tez will be marked as stale.

Workaround: If you are affected by this bug, at your next opportunity, restart Hive On Tez. The configuration parameter that will be marked stale is: `tez.runtime.shuffle.ssl.enable`.

Cloudera bug: OPSAPS-63881: When CDP Private Cloud Base is running on RHEL/CentOS/Oracle Linux 8.4, services fail to start because service directories under the /var/lib directory are created with 700 permission instead of 755.

Run the following command on all managed hosts to change the permissions to 755. Run the command for each directory under /var/lib:

```
chmod -R 755 [***path_to_service_dir***]
```

Cloudera Bug: OPSAPS-65189: Accessing Cloudera Manager through Knox displays the following error:

Bad Message 431 reason: Request Header Fields Too Large

Workaround: Modify the Cloudera Manager Server configuration `/etc/default/cloudera-scm-server` file to increase the header size from 8 KB, which is the default value, to 65 KB in the Java options as shown below:

```
export CMF_JAVA_OPTS="...existing options...
-Dcom.cloudera.server.cmf.WebServerImpl.HTTP_HEADER_SIZE_BYTES=
65536
-Dcom.cloudera.server.cmf.WebServerImpl.HTTPS_HEADER_SIZE_BYTE
S=65536"
```

Technical Service Bulletins

TSB 2021-491: Authorization Bypass in Cloudera Manager (CVE-2021-30132/CVE-2021-32483)

Cloudera Manager (CM) 7.4.0 and earlier versions have incorrect Access Control in place for certain endpoints. A user who has a knowledge to the direct path of a resource or a URL to call a particular function, can access it without having the proper role granted. The vulnerable endpoints were CVE-2021-30132 `/cmf/alerts/config?task=` and CVE-2021-32483 `/cmf/views/view?viewName=`.

CVE

- CVE-2021-30132
 - Alerts config - 4.3 (Medium)
 - [CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:N/A:N](#)
- CVE-2021-32483
 - Views - 4.3 (Medium)
 - [CVSS:3.1/AV:N/AC:L/PR:L/UI:N/S:U/C:L/I:N/A:N](#)

Impact

A user with read only privilege is able to see configuration information in the UI.

Action required

Upgrade to a version containing the fix.

Knowledge article

For the latest update on this issue see the corresponding Knowledge article: [TSB 2021-491: Authorization Bypass in Cloudera Manager \(CVE-2021-30132 / CVE-2021-32483\)](#)