Cloudera Manager 7.9.5

Release Notes

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Cloudera Manager 7.9.5 Release Notes

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What's New in Cloudera Manager 7.9.5

New features and changed behavior for Cloudera Manager 7.9.5
Additional Diagnostic support in Cloudera Manager for ECS.

> You can manage your ECS cluster with additional log information that is provided as part of the Cloudera Manager support bundle. For more information, see Log Support in Cloudera Manager for ECS cluster.

Fixed Issues in Cloudera Manager 7.9.5

Fixed issues in Cloudera Manager 7.9.5
OPSX-3550: Incorrect status is shown on the CDP Private Cloud Data Services page in the Cloudera Manager Admin Console while upgrading the ECS

> Fixed an issue, where, during the CDP Private Cloud containerized cluster upgrade the Data Services page and the Containerized Cluster status page shows the Upgrade Failed message. This is due to the temporary version difference between the active and in-progress versions in the containerized cluster.

Known Issues in Cloudera Manager 7.9.5

Known issues in Cloudera Manager 7.9.5.
OPSAPS-67152: Cloudera Manager does not allow you to update some configuration parameters.

> Cloudera Manager does not allow you to set to "0" for the dfs_access_time_precision and dfs_name node_accesstime_precision configuration parameters.
>
> You will not be able to update dfs_access_time_precision and dfs_namenode_accesstime_precision to "0". If you try to enter "0" in these configuration input fields, then the field gets cleared off and results in a validation error: This field is required.
>
> To fix this issue, perform the workaround steps as mentioned in the KB article.
>
> If you need any guidance during this process, contact Cloudera support.

OPSX-3716: Control Plane UI allows to upload a certificate which is undefined or type not selected. When uploading an additional CA certificate, form does not enforce to choose the certificate type and the certificate can be uploaded with 'undefined' type.

> Workaround: You must choose the given certificate type and upload the same.

OPSX-3323: In the Custom Log Redaction Rules, the string is not getting redacted in the diagnostic bundle. The JSON files within the diagnostic bundle will not be redacted.

> Workaround: None.

OPSAPS-65888: When the Cloudera Manager is deployed on a timezone different than the user's timezone, it is observed that the date time picker displays are not consistent with the user's timezone.

> As an example, the user is in the Pacific timezone. The server is deployed in UTC. From the Cloudera Manager UI, the user should choose a time in UTC. The selected date is actually assumed to be in the Pacific timezone. And later it gets translated to UTC timezone automatically.

DOCS-15450: When the Cloudera Manager license is renewed, the imagePullSecret content gets stale. Currently, there is no automatic process to update imagePullSecret content all at once.

Workaround: You must manually update the imagePullSecret content on every namespace.

OPSAPS-68629: HDFS HTTPFS GateWay is not able to start with custom krb5.conf location set in Cloudera Manager.

On a cluster with a custom krb5.conf file location configured in Cloudera Manager, HDFS HTTPFS role is not able to start because it does not have the custom Kerberos configuration file setting properly propagated to the service, and therefore it fails with a Kerberos related exception: in thread "main" java.io.IOException: Unable to initialize WebAppContext at org.apache.hadoop.http.HttpS erver2.start(HttpServer2.java:1240) at org.apache.hadoop.fs.http.server.HttpFSServerWebServer. start(HttpFSServerWebServer.java:131) at org.apache.hadoop.fs.http.server.HttpFSServerWebS erver.main(HttpFSServerWebServer.java:162) Caused by: java.lang.IllegalArgumentException: Can't get Kerberos realm at org.apache.hadoop.security.HadoopKerberosName.setConfiguration (HadoopKerberosName.java:71) at org.apache.hadoop.security.UserGroupInformation.initialize (UserGroupInformation.java:329) at org.apache.hadoop.security.UserGroupInformation.setConf iguration(UserGroupInformation.java:380) at org.apache.hadoop.lib.service.hadoop.FileSystemA ccessService.init(FileSystemAccessService.java:166) at org.apache.hadoop.lib.server.BaseServic e.init(BaseService.java:71) at org.apache.hadoop.lib.server.Server.initServices(Server.java:581) at org.apache.hadoop.lib.server.Server.init(Server.java:377) at org.apache.hadoop.fs.http.server. HttpFSServerWebApp.init(HttpFSServerWebApp.java:100) at org.apache.hadoop.lib.servlet.Serv erWebApp.contextInitialized(ServerWebApp.java:158) at org.eclipse.jetty.server.handler.Context Handler.callContextInitialized(ContextHandler.java:1073) at org.eclipse.jetty.servlet.ServletCon textHandler.callContextInitialized(ServletContextHandler.java:572) at org.eclipse.jetty.server.h andler.ContextHandler.contextInitialized(ContextHandler.java:1002) at org.eclipse.jetty.servlet.Se rvletHandler.initialize(ServletHandler.java:765) at org.eclipse.jetty.servlet.ServletContextHandle r.startContext(ServletContextHandler.java:379) at org.eclipse.jetty.webapp.WebAppContext.start Webapp(WebAppContext.java:1449) at org.eclipse.jetty.webapp.WebAppContext.startContext (WebAppContext.java:1414) at org.eclipse.jetty.server.handler.ContextHandler.doStart(ContextHa ndler.java:916) at org.eclipse.jetty.servlet.ServletContextHandler.doStart(ServletContextHandler.j ava:288) at org.eclipse.jetty.webapp.WebAppContext.doStart(WebAppContext.java:524) at or g.eclipse.jetty.util.component.AbstractLifeCycle.start(AbstractLifeCycle.java:73) at org.eclipse.j etty.util.component.ContainerLifeCycle.start(ContainerLifeCycle.java:169) at org.eclipse.jetty.uti l.component.ContainerLifeCycle.doStart(ContainerLifeCycle.java:117) at org.eclipse.jetty.serve r.handler.AbstractHandler.doStart(AbstractHandler.java:97) at org.eclipse.jetty.util.component.Abs tractLifeCycle.start(AbstractLifeCycle.java:73) at org.eclipse.jetty.util.component.ContainerLifeC ycle.start(ContainerLifeCycle.java:169) at org.eclipse.jetty.server.Server.start(Server.java:423) at org.eclipse.jetty.util.component.ContainerLifeCycle.doStart(ContainerLifeCycle.java:110) at org.e clipse.jetty.server.handler.AbstractHandler.doStart(AbstractHandler.java:97) at org.eclipse.jetty. server.Server.doStart(Server.java:387) at org.eclipse.jetty.util.component.AbstractLifeCycle.start (AbstractLifeCycle.java:73) at org.apache.hadoop.http.HttpServer2.start(HttpServer2.java:1218) ... 2 more Caused by: java.lang.IllegalArgumentException: KrbException: Cannot locate default rea lm at java.security.jgss/javax.security.auth.kerberos.KerberosPrincipal.<init>(KerberosPrincipal.j ava:174) at org.apache.hadoop.security.authentication.util.KerberosUtil.getDefaultRealm(Kerberos Util.java:108) at org.apache.hadoop.security.HadoopKerberosName.setConfiguration(HadoopKer berosName.java:69) ...

1. Log in to Cloudera Manager.
2. Select the HDFS service.
3. Select Configurations tab.
4. Search for HttpFS Environment Advanced Configuration Snippet (Safety Valve)
5. Add to or extend the HADOOP_OPTS environment variable with the following value: -Djava.security.krb5.conf=<the custom krb5.conf location>
6. Click Save Changes.

Cumulative hotfixes

The following cumulative hotfixes have been shipped for Cloudera Manager 7.9.5.

Cloudera Manager 7.9.5 Cumulative hotfix 1

Know more about the Cloudera Manager 7.9.5 cumulative hotfixes 1.

This cumulative hotfix was released on March 6, 2023.

Note: Contact Cloudera Support for questions related to any specific hotfixes.

This hotfix version of Cloudera Manager is required for Cloudera Runtime 7.1.7 SP2 for the following two CDP Private Cloud Data Services use cases:

- If you are updating from CDP Private Cloud Data Services 1.4.0-H1 or 1.4.1 and you would like to use Cloudera Runtime 7.1.7 SP2, you must first upgrade the Cloudera Manager version to the Cloudera Manager 7.9.5-h1 hotfix release before proceeding with the CDP Private Cloud Data Services update.
- If you are upgrading from earlier Cloudera Manager versions that did not support CDP Private Cloud Data Services (such as Cloudera Manager 7.6.7) and you would like to use Cloudera Runtime 7.1.7 SP2, you must first upgrade the Cloudera Manager version to the Cloudera Manager 7.9.5-h1 hotfix release before proceeding with the CDP Private Cloud Data Services installation.

Following are the list of fixed issues that were shipped for Cloudera Manager 7.9.5 CHF1 (version: 7.9.5-h1-38368045):

- OPSAPS-65522 – TelemetryPublisher validator should not require redaction on Keytrustee
- OPSAPS-51761 YARN task failures after CDH 6.2 upgrade "Invalid arguments for cgroups resources: /var/log/hadoop-yarn/container"
- OPSAPS-65691 Upgrading CM to 7.6.7 fails with ApiException
- CDPD-46532 PvC - WEBHDFS operation on Namenode UI via knox fails when HDFS in HA
- OPSAPS-65267 Support SameSite=None cookies after SAML/Login authentication
- OPSAPS-65342 Missing FIPS knox-CM configuration in 7.1.7SP2
- OPSAPS-65562 Snapshot replication to Azure with CDH5
- OPSAPS-65652 Fix additional IBM PPC build failures after GitHub upgrade

The repositories for Cloudera Manager 7.9.5-CHF1 are listed in the following table:

Table 1: Cloudera Manager 7.9.5-CHF1

Repository Type	Repository Location

RHEL 8 Compatible	Repository:
	
	`https://username:password@archive.cloudera.com/p/cm7/`
	`patch/7.9.5-h1-38368045/redhat8/yum`
	
	Repository File:
	
	`https://username:password@archive.cloudera.com/p/cm7/`
	`patch/7.9.5-h1-38368045/redhat8/yum/cloudera-manager.repo`

Repository Type	Repository Location
| RHEL 7 Compatible | Repository:<br><br>```
https://username:password@archive.cloudera.com/p/cm7/
patch/7.9.5-h1-38368045/redhat7/yum
```<br><br>Repository File:<br><br>```
https://username:password@archive.cloudera.com/p/cm7/
patch/7.9.5-h1-38368045/redhat7/yum/cloudera-manager.repo
``` |
| SLES 12 | Repository:<br><br>```
https://username:password@archive.cloudera.com/p/cm7/
patch/7.9.5-h1-38368045/sles12/yum
```<br><br>Repository File:<br><br>```
https://username:password@archive.cloudera.com/p/cm7/
patch/7.9.5-h1-38368045/sles12/yum/cloudera-manager.repo
``` |
| Ubuntu 20 | Repository:<br><br>```
https://username:password@archive.cloudera.com/p/cm7/
patch/7.9.5-h1-38368045/ubuntu2004/apt
```<br><br>Repository File:<br><br>```
https://username:password@archive.cloudera.com/p/
cm7/patch/7.9.5-h1-38368045/ubuntu2004/apt/cloudera-
manager.list
``` |
| Ubuntu 18 | Repository:<br><br>```
https://username:password@archive.cloudera.com/p/cm7/
patch/7.9.5-h1-38368045/ubuntu1804/apt
```<br><br>Repository File:<br><br>```
https://username:password@archive.cloudera.com/p/
cm7/patch/7.9.5-h1-38368045/ubuntu1804/apt/cloudera-
manager.list
``` |