

## Replication Manager Release Notes

Date published: 2022-11-18

Date modified: 2025-06-02



# Legal Notice

© Cloudera Inc. 2025. All rights reserved.

The documentation is and contains Cloudera proprietary information protected by copyright and other intellectual property rights. No license under copyright or any other intellectual property right is granted herein.

Unless otherwise noted, scripts and sample code are licensed under the Apache License, Version 2.0.

Copyright information for Cloudera software may be found within the documentation accompanying each component in a particular release.

Cloudera software includes software from various open source or other third party projects, and may be released under the Apache Software License 2.0 (“ASLv2”), the Affero General Public License version 3 (AGPLv3), or other license terms. Other software included may be released under the terms of alternative open source licenses. Please review the license and notice files accompanying the software for additional licensing information.

Please visit the Cloudera software product page for more information on Cloudera software. For more information on Cloudera support services, please visit either the Support or Sales page. Feel free to contact us directly to discuss your specific needs.

Cloudera reserves the right to change any products at any time, and without notice. Cloudera assumes no responsibility nor liability arising from the use of products, except as expressly agreed to in writing by Cloudera.

Cloudera, Cloudera Altus, HUE, Impala, Cloudera Impala, and other Cloudera marks are registered or unregistered trademarks in the United States and other countries. All other trademarks are the property of their respective owners.

Disclaimer: EXCEPT AS EXPRESSLY PROVIDED IN A WRITTEN AGREEMENT WITH CLOUDERA, CLOUDERA DOES NOT MAKE NOR GIVE ANY REPRESENTATION, WARRANTY, NOR COVENANT OF ANY KIND, WHETHER EXPRESS OR IMPLIED, IN CONNECTION WITH CLOUDERA TECHNOLOGY OR RELATED SUPPORT PROVIDED IN CONNECTION THEREWITH. CLOUDERA DOES NOT WARRANT THAT CLOUDERA PRODUCTS NOR SOFTWARE WILL OPERATE UNINTERRUPTED NOR THAT IT WILL BE FREE FROM DEFECTS NOR ERRORS, THAT IT WILL PROTECT YOUR DATA FROM LOSS, CORRUPTION NOR UNAVAILABILITY, NOR THAT IT WILL MEET ALL OF CUSTOMER’S BUSINESS REQUIREMENTS. WITHOUT LIMITING THE FOREGOING, AND TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, CLOUDERA EXPRESSLY DISCLAIMS ANY AND ALL IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY, QUALITY, NON-INFRINGEMENT, TITLE, AND FITNESS FOR A PARTICULAR PURPOSE AND ANY REPRESENTATION, WARRANTY, OR COVENANT BASED ON COURSE OF DEALING OR USAGE IN TRADE.

# Contents

**What's new..... 4**

**Known issues for Cloudera Data Services on premises Replication  
Manager..... 4**

**Fixed issues for Cloudera Data Services on premises Replication  
Manager..... 4**

## What's new

This section lists major features and updates for the Replication Manager service in Cloudera Data Services on premises 1.5.5 SP1.

### Fetch and download log files

You can use the Fetch full log file and Download full log file options to fetch or download the full log file of a command in a replication instance without the need of opening the respective Cloudera Manager. These options appear after you click **Actions Command Details** for a replication policy on the **Replication Policies** page.

For more information, see [Managing HDFS replication policy](#), [Managing Hive replication policy](#), and [Managing Ozone replication policy](#).

### Upgraded Java runtime version to OpenJDK 17

Cloudera Data Services on premises Replication Manager 1.5.5 SP1 uses OpenJDK 17.

## Known issues for Cloudera Data Services on premises Replication Manager

There are no known issues in this release for Cloudera Data Services on premises Replication Manager.

## Fixed issues for Cloudera Data Services on premises Replication Manager

This section lists the fixed issues in Cloudera Data Services on premises Replication Manager.

### Cloudera Data Services on premises Replication Manager 1.5.5 SP1

#### **DMX-4327: The "Replication Policies" page showed HDFS replication policy details incorrectly**

Previously, HDFS replication policies that have the same source and target did not appear correctly on the **Replication Policies** page. This issue is now fixed.

#### **DMX-4275: Destination path is not marked as mandatory parameter in Replication policy creation**

Previously, the Destination Path in the HDFS replication policy creation wizard was an optional field. This issue is now fixed, and the Destination Path is a mandatory field.

#### **DMX-4224: Ozone policy creation validation issue**

Previously, the Validation button in the Ozone replication policy creation wizard did not perform the validation process as expected. This issue is now fixed by the Validation button retaining its state, unless the inputs are changed.

#### **DMX-4056, DMX-4072: Missing caching for the listClusters gRPC endpoint**

Previously, Replication Manager did not use the caching mechanism to list the clusters. This issue is now fixed, and this enhancement also improves the replication policies performance.

### Cloudera Data Services on premises Replication Manager 1.5.5

#### **OPSAPS-68698: Replication command type is incorrectly reported for Ozone incremental replications**

When you create an Ozone replication policy using "Incremental only" or "Incremental with fallback to full file listing" Listing types, sometimes the Ozone replication command type is incorrectly reported for different types of runs.

**OPSAPS-69752: Bad Ozone service health causes replication failure**

After you set the `ozone.om.snapshot.load.native.lib` property to false in the `ozone-site.xml` file, the incremental Ozone replication policies do not fail during the replication policy run.

**DMX-4070: The Hive replication policy edit wizard allows you to change the source and destination clusters which is incorrect**

When you click the **Replication Policies Actions Edit** option for a Hive replication policy, the **Edit Replication Policy** wizard no longer allows you to edit the source and target cluster details.

**DMX-3323: Cloud credentials create, edit, and validate error responses are parsed incorrectly**

The cloud credentials operation errors show the correct message on the Replication Manager UI.

**DMX-3474: Error appears when you edit a Hive replication policy**

When you click the **Actions Edit** on the **Replication Policies** page for a Hive replication policy, a misleading policy does not exist error notification appears. This issue is fixed.

**DMX-3704: The 'download-diagnostic-bundle' CDP CLI command fails with UNSUPPORTED\_CM\_API\_VERSION error**

For supported Cloudera Manager versions, you can download the diagnostic bundle for the replication policy jobs. For unsupported versions, a download link is provided for the diagnostic bundle. Sometimes, the direct download operation returns 'Unsupported CM API version error. This issue is fixed.

**DMX-3375: Hive policy validation error handler fails with TypeError**

During the Hive replication policy creation process, when the validate action failed, some errors were omitted. Now the validation errors appear with the correct messages which you can use to troubleshoot the errors.

**DMX-3479: The Trackinginfo string is not set for OzoneReplicationResults**

You can now view all the available replication results for all the job runs for an Ozone replication policy on the **Replication Policies** page. You can also view the copied data statistics if the statistics are available for Replication Manager to collect.

**DMX-3603: Replication result errors are not shown on the Replication Manager UI**

The Replication Manager UI shows the correct error messages if a replication policy report cannot be downloaded.

**DMX-3720: Revisiting the source step resets values when editing a policy**

When you edited a replication policy, some changes were lost during the source step. Now, the update request contains all the changed inputs.

**DMX-3790: Improving network efficiency using cache static assets**

The cache control HTTP headers are now set to cache static assets (which is rarely changed) for one year which increases network efficiency.

**DMX-3393: JSON library to use for read operations**

The latest JSON library improves backend read performance which helps to list a large number of replication policies on the **Replication Policies** page.

**DMX-3422: New error messages for diagnostic bundle failures**

The latest error messages for the diagnostic bundle download operations provide a more comprehensive feedback about the reason for the failure.

**DMX-3306: Improved status code when the request input is not acceptable**

The response HTTP 400 Bad Request status code appears when the request content sent to the Replication Manager REST API is incorrect.

**DMX-3642: Reduced the cutoff time for the policy listing operation**

You can set the timeout limit which ensures that the Replication Manager lists all the replication policies on the unreachable and unresponsive clusters during the policy listing operation. The results

from the responsive clusters are retrieved faster, and the policies from the slow responding clusters are retrieved in the background. Therefore, when you refresh the **Replication Policies** page, the page shows all the retrieved replication policies.

**DMX-4186: Queue names with character '.' was rejected**

Replication Manager could not use the specified YARN queue for a replication policy if the hierarchical queue name had a child queue that was referenced as *parent-queue.child-queue*. This issue is fixed.

**DMX-4038: Remediated Netty CVE for Replication Manager**

Upgraded to com.amazonaws.aws-java-sdk:1.12.780 and com.fasterxml.jackson.module.jackson-module-scala:2.17.2 to fix CVE-2024-29025 and CVE-2024-47535.

**DMX-4099: Upgraded logback-core in Replication Manager to resolve CVE-2024-12798**

Upgraded to ch.qos.logback.logback-classic:1.5.16 to fix CVE-2024-12798.

**DMX-4142: Upgraded netty-handler in Replication Manager to resolve CVE-2025-24970**

Upgraded to io.netty.netty-handler:4.1.118.Final to fix CVE-2025-24970.

**DMX-4005: Upgraded protobuf-java library to fix CVE-2024-7254**

Upgraded to com.google.protobuf.protobuf-java:3.25.5 to fix CVE-2024-7254.