

IBM Multi-Cloud Data Encryption
Powered by SPx[®]
Version 2.3

Release Notes



Note

Before you use this information and the product it supports, read the information in [“Notices” on page 3.](#)

This edition applies to Version 2.3 of IBM Multi-Cloud Data Encryption (product number 5737-C67) and to all subsequent releases and modifications until otherwise indicated in new editions.

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Chapter 1. Release notes

Review the following topics for details about the features, enhancements, resolved and known issues, and required actions in IBM® Multi-Cloud Data Encryption Version 2.3.0.1 and Version 2.3.

Version 2.3.0.1: Release notes

Learn about the features and enhancements, resolved and known issues, and required actions in IBM Multi-Cloud Data Encryption V2.3.0.1.

Features and Enhancements

- Removed File with Policy remote file path support for the SMBv1 Linux Network File System
- Added File with Policy remote file path support for Linux Network File Systems (NFSv3, NFSv4) via PPM GUI
- Replaced local configuration with centralized configuration of Object Store agents via PPM GUI

Resolved issues

- Addressed some translation strings and layout issues.
- Resolved an issue where some agents would not get keys with SKLM on policy activation.
- The key file that is uploaded during key rotation is now removed after the job is run or rejected.
- Fixed a potential issue in Windows logging that could result in some logs not being sent.
- Further solidified the Object Store agent REST API.
- Object Store agents can now be configured through REST for SoftLayer®.
- Restored the ability to create volume with policy agents within the GUI.
- Fixed an issue where users could not update policy with additional paths.
- Addressed the inability to cd into parent directories of sub-directories under policy protection on AIX®.

Required actions

- Users must remember to save the credentials used during Object Store agent setup as they will not be available for retrieval afterward.
- Although many database systems support using NFS storage for their active tables, this configuration is not recommended when our File with Policy agent is protecting that NFS storage. This does not provide the fault tolerance nor performance required by database systems of other storage options. NFS storage may be used, however, for inactive backups of the database tables and other file types.

Known issues

- Process based policy definitions are unsupported on AIX operating systems.
- The download tokens section in the agent details page of the PPM GUI is unused for AIX agents.
- There is no spxbackup or spxrestore functionality for AIX.
- On AIX agents, users cannot disable SU block.
- Currently users are unable to suspend policy on AIX. If attempted the job will stay in a running state.

- There is no `spxconvert` function for AIX file agents.
- On AIX operating system, if the agent cannot establish connection and as a result does not receive policy, the service must be restarted once connection is restored to receive policy updates.
- There is no stored list of protected directories on AIX. This means if communication cannot be established when the agent service is starting, there will not be policy-based access until restored.
- Policy enforcement continues uninterrupted, even after shutting down the service on AIX systems.
- Alternate data stream issues with Read-Only files may cause data to not be encrypted. To audit which files are encrypted, run the `'spxconvert -a'` command.
- In the OS list of the agent reports, "Linux6" is written as "Linux67".
- To use NFSv4 without authentication, users must use the REST API. User name and password are required fields in the GUI.
- Occasionally a warning "Failed to install module libparser4" will be displayed during install. This is a benign warning and can be ignored.

Version 2.3: Release notes

IBM Multi-Cloud Data Encryption Version 2.3 has the following features:

- Added File with Policy agent support for AIX 7.1 and 7.2.
- Added File with Policy remote file path support for Linux Network File Systems (SMBv1, NFSv3, NFSv4) via PPM REST API.
- Replaced local configuration with centralized configuration of Object Store agents via PPM REST API.
- Added Object Store agent audit logging to PPM.
- Simplified the new agent creation wizard.

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