

IBM Spectrum Discover  
Version 2 Release 0

*Release Notes*



**Note**

Before using this information and the product it supports, read the information in [“Notices” on page 7.](#)

**Edition notice**

This edition applies to version 2 release 0 modification 3 of the following product, and to all subsequent releases and modifications until otherwise indicated in new editions:

- IBM Spectrum Discover ordered through Passport Advantage (product number 5737-I32)
- IBM Spectrum Discover ordered through AAS/eConfig (product number 5641-SG1)

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## About this information

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IBM Spectrum® Discover is metadata-driven management system for large scale file and object environments. IBM Spectrum Discover maintains a real-time metadata repository for large scale enterprise storage environments. Metadata can be searched, enhanced, discovered, and leveraged for data processing using built-in or custom agents.

### Which IBM Spectrum Discover information unit provides the information you need?

The IBM Spectrum Discover library consists of the information units listed in [Table 1 on page vii](#).

<b>Information unit</b>	<b>Type of information</b>	<b>Intended users</b>
IBM Spectrum Discover: Concepts, Planning, and Deployment Guide	This information unit provides information about the following topics: <ul style="list-style-type: none"><li>• Product Overview</li><li>• Planning</li><li>• Deploying and configuring</li></ul>	Users, system administrators, analysts, installers, planners, and programmers of IBM Spectrum Discover.
IBM Spectrum Discover: Administration Guide	This information unit provides information about administration, monitoring, and troubleshooting tasks.	Users, system administrators, analysts, installers, planners, and programmers of IBM Spectrum Discover.
IBM Spectrum Discover: REST API Guide	This information unit provides information about the following topics: <ul style="list-style-type: none"><li>• IBM Spectrum Discover REST APIs</li><li>• Endpoints for working with a DB2 warehouse</li><li>• Endpoints for working with policy management</li><li>• Endpoints for working with connection management</li><li>• Action agent management using APIs</li><li>• RBAC management using APIs</li></ul>	Users, system administrators, analysts, installers, planners, and programmers of IBM Spectrum Discover.

## Prerequisite and related information

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For updates to this information, see IBM Spectrum Discover in IBM Knowledge Center ([https://www.ibm.com/support/knowledgecenter/SSY8AC\\_2.0.3/isd203\\_welcome.html](https://www.ibm.com/support/knowledgecenter/SSY8AC_2.0.3/isd203_welcome.html)).

## How to send your comments

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You can also send your comments to [ibmkc@us.ibm.com](mailto:ibmkc@us.ibm.com).





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# Chapter 1. Release notes for version 2.0.3.1

These release notes apply to version 2.0.3.1 of IBM Spectrum Discover.

## New features in this release

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This fixpack contains performance improvements and bug fixes. No new features are included.

## Known issues in version 2.0.3.1

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The following known issues exist in version 2.0.3.1 of IBM Spectrum Discover, with workarounds included wherever possible. If you come across an issue that cannot be solved using these instructions, contact IBM Support.

### Policy Engine does not process files ending with spaces

If a policy is executed, any files that end in one or more spaces are not processed correctly. The Policy Engine incorrectly removes the trailing spaces from the filename, meaning that they are subsequently not found by the policy or application processing and an error is generated.

### Deleting all users from a group can return 404 for delete API call

When selecting all users to remove from a group, the DELETE /auth/<group\_id>/user/<user\_id> API call may return a 404 error.

Should this happen, then the user must log out and back in before being able to access the "Access" page again.

### Trailing spaces not stripped from destination tier in Scale ILM management policy

It is possible to have trailing spaces in the destination tier name within a Scale ILM management policy; this will result in logged errors like:

```
2020-05-13 12:51:04,844 - main - ERROR - Invalid destination_tier: 'silver '.
```

Care should be taken to avoid leaving any trailing spaces when entering the tier name.

### It is possible to have duplicate entries in WKC after a WKC export

If the files are re-exported to WKC before the initial export is completed, the re-exported files may appear as duplicates in WKC. This can happen if the user creates 2 exports in close succession, or where the first export fails to export and is queued within kafka. Users should check that the initial export has completed before re-exporting.

### Files with newline/linefeed in name or path not ingested

For data source connection scans and live events, files containing a newline/linefeed character (ASCII code 0x0A) in the name or path will not typically be ingested by Spectrum Discover. In the case of a Spectrum Scale data source, the newlines in the file path or name will be escaped by the Spectrum Scale system (replaced with a '\n'). These records in Spectrum Discover will contain the escaped character sequence in place of the newline/linefeed.

### 'Capacity Used By' search results in a null value on the aggregated bar chart

If the user selects an empty value on the 'Capacity Used By' menu, this results in a 'null' value being disabled on the bar chart aggregated view. This error also prevents the user from clicking on the bar chart, to view the underlying search criteria.

## If a search is generated from the 'Capacity used by' page, the resultant Circle bar on dashboard page generates an incorrect query

The resultant query uses incorrect sql syntax.

The invalid syntax is listed as follows:

```
Filespace = 'null' AND DATASOURCE = 'scale0'
```

The working query is:

```
Filespace is null AND DATASOURCE = 'scale0'
```

## Error when version scanning COS vault

Version Scanning of a COS vault which contains objects that do not have the version information available can result in the following error being displayed on the UI:

```
Errors were detected during initialization, check the config file
```

To get the full error message the user should check the corresponding entry in the scan history tab, this provides additional information on the underlying cause of the failed scan.

## Visual search doesn't distinguish between 'Empty Value' or empty string

If the user selects an 'Empty Value' or an empty string in a visual search, both will be shown in the search results. Results for the unselected value should be ignored.

## Policy preview is not working on bucket filters

There is an issue with Policy preview functionality when the following bucket filters are used within the preview: filegroup, sizerange and timesinceaccess.

In this scenario, you will not be able to use the policy preview functionality but it is possible to check the policy contents via the API using the following example:

```
curl -k -H 'Authorization: Bearer ' -v https://<spectrum_discover_host>/policyengine/v1/policies/<policy_name> | jq
```

## Policy progress not refreshing after policy edit

After a policy edit, incorrect execution progress may be shown until page refresh.

## Disabled buttons for scan, edit, and delete after completing a scan

If a connection is selected after scan completion, the scan, edit and delete buttons may be unavailable. A refresh of the page will clear the state and make the buttons available again.

## Interleaved scan logs when running multiple scans simultaneously

Scan logs can become interleaved if performing more than 1 scan at a time with at least one source being COS or S3.

## List partitions modal for Scale connection partial scan hang

If a non-root scan user does not have sudo access to mmlsfileset, the UI panel for selecting filesets for scan will hang on the loader. A user can click cancel or previous to get off of the screen.

## Group menu is not displayed on a search page after grouping by individual search results

Grouping the results of an individual search can cause the filtering menu on the right-hand side of the screen to become empty. Closing and re-opening the filtering menu re-populates it.

## Moonwalk schema breaks policy management

If the error 'bad schema' is encountered in the Policyengine logs, check that all the connection types specified as substitution types (e.g. `src:#spectrum-discover/connections?platform='IBM COS'`) in the schema have at least one connection of the necessary type available (this only applies to lists of more than one type per enum). If not, then re-register the schema either with the non-matching type removed, or re-order so the type goes at the beginning.

For example, on a system with no S3 but an IBM COS connection:

```
"enum": ["src:#spectrum-discover/connections?platform='IBM COS'", "src:#spectrum-discover/connections?platform='S3'"]
```

Will cause an error, so should be modified to:

```
"enum": ["src:#spectrum-discover/connections?platform='S3'", "src:#spectrum-discover/connections?platform='IBM COS'"]
```

## WKConnector crashes if unable to retrieve file from Spectrum Scale

WKC does not support the export of files with control characters in their filenames.



# Accessibility features for IBM Spectrum Discover

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Accessibility features help users who have a disability, such as restricted mobility or limited vision, to use information technology products successfully.

## Accessibility features

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The following list includes the major accessibility features in IBM Spectrum Discover:

- Keyboard-only operation
- Interfaces that are commonly used by screen readers
- Keys that are discernible by touch but do not activate just by touching them
- Industry-standard devices for ports and connectors
- The attachment of alternative input and output devices

IBM Knowledge Center, and its related publications, are accessibility-enabled. The accessibility features are described in [IBM Knowledge Center \(www.ibm.com/support/knowledgecenter\)](http://www.ibm.com/support/knowledgecenter).

## Keyboard navigation

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This product uses standard Microsoft Windows navigation keys.

## IBM and accessibility

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See the [IBM Human Ability and Accessibility Center \(www.ibm.com/able\)](http://www.ibm.com/able) for more information about the commitment that IBM has to accessibility.



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