



Release Notes

Privitar Data Security Platform, version 1.4.0

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Welcome

Welcome to the release notes for the Privitar Data Security Platform. This document describes:

- [Product Documentation](#)
- [New Features in This Release](#)
- [Known Issues and Limitations](#)
- [Compatibility](#)

1. Product Documentation

To learn more about all the features discussed in these release notes, please refer to the product documentation at <https://docs.privitar.com>.

2. New Features in This Release

General

- To see which role or roles you have on the platform, click the avatar symbol in the top right corner of any page.
- To see which version of the platform you are using, click the avatar symbol in the top right corner of any page, and click **About**.

Policies and Rules

- Exchange administrators can now choose whether access control policies allow or deny access by default.

We also added an audit event for this action.

To learn more, see:

- ["Change Default Access Control Policy Behavior" in the DSP Installation and Administration Guide](#)
- ["Audit Events" in the DSP Installation and Administration Guide](#)

Projects

- Using the new project membership feature, you can now specify which users and user groups may access the data in a project.
- When browsing a data exchange, all projects display, even those for which you do not have access because you are not a member or owner. We introduce this change to support the new project membership feature.

To learn more, see ["Projects" in the DSP User Guide](#).

Datasets and Assets

- Using the new dataset membership feature, you can now define which users and user groups can view each dataset and its assets.
- When browsing a data exchange, only those datasets for which you are a member or owner (unless you are an exchange administrator) display. We introduce this change to support the new dataset membership feature.

To learn more, see ["Datasets" in the DSP User Guide](#).

Compatibility

- Added compatibility with the data proxy for Google BigQuery's database adapter when used with a Google BigQuery data proxy data source for the following Denodo VQL functions:

- Scalar functions:

```
abs, acos, addday, addhour, addmonth, addweek, addyear, atan,
atan2, case, case_not_conditional, cast, ceil, coalesce, concat,
cos, cot, current_date, degrees, div, exp, floor, getday, gethour,
getmicrosecond, getmillisecond, getminute, getmonth, getquarter,
getsecond, gettimeinmillis, getyear, instr, len, ln, lower, ltrim,
min, mod, mult, now, nullif, pi, position, pow, power, radians, rand,
removeaccents, repeat, replace, round, rownum, rtrim, sign, sin, sqrt,
substr, substring, subtract, sum, tan, trim, trunc, upper
```

- Windowing functions:

```
avg, avg, count, count, cume_dist, dense_rank, first_value, lag,
last_value, lead, max, max, min, min, ntile, percent_rank,
percentile_disc, rank, row_number, stdev, stdevp, sum, sum, var, varp
```

Integrations

Your organization can use the Privitar SDK to embed Privitar policy enforcement into a variety of tools. The Privitar SDK is a Java library that facilitates the interaction with Privitar's control plane and the enforcement of policies within an application. To date, we have seen customer integrations with the following:

- Apache Kafka Connect
- Apache NiFi
- AWS Lambda functions
- Azure Functions
- DataBricks
- Delta Lake
- Informatica
- Google BigQuery
- Snowflake

There are more integrations planned for subsequent releases.

3. Known Issues and Limitations

Asset Registration

- Names are case-sensitive when registering an asset, schema, or table.

Policies and Rules

- Upon deployment of the platform, we recommend that you immediately configure the behavior of access control rules to allow or deny access. If however, you wish to change this behavior at a later stage, you must delete all access control rules prior to making this change.
- The platform does not fully support Boolean data types. Using them in cell-level transformations might result in a SQL error.

Projects

- Only an exchange administrator or the project owner (creator) may modify, delete, add assets to, or remove assets from a project. We introduced this change to support the new project membership feature.
- When searching for users and user groups to add as members of a project or dataset, the search returns all enterprise users and user groups, including those who may not have access to the data exchange. The platform performs against the internal registry or the LDAP registry.
- If a user who is not a member of a project attempts to query data in it, the platform may return a generic error that does not inform the user that they are not authorized to access the data.
- When a project owner edits a published project, the project moves to *In Draft* status, preventing data consumers from being able to consume data until a data guardian re-approves the project.
- When editing a rejected project, a data consumer can remove all but one asset. A rejected project requires at least one asset so a data consumer can re-submit it for approval.

Datasets and Assets

- Only an exchange administrator or the dataset owner (creator) may modify or delete a dataset. We introduced this change to support the new dataset membership feature.
- If the dataset membership is restricted, only an exchange administrator, a member of the dataset, or the dataset owner (creator) may register, modify, or delete an asset within the specified dataset. We introduce this change to support the new dataset membership feature.

Business Information

- You cannot edit or remove any data classes, terms, or tags that are in use.

REST APIs

- When a data owner uses the REST API to create a new asset, the platform creates the asset in *In Draft* status, and a data guardian must approve it.
- If you have an LDAP group with no users, the User Group API will return an error message.
- Only an exchange administrator or the project owner (creator) may modify, delete, add assets to, or remove assets from a project. We introduced this change to support the new project membership feature.
- Only an exchange administrator or the dataset owner (creator) may modify or delete a dataset. We introduced this change to support the new dataset membership feature.
- If the dataset membership is restricted, only an exchange administrator, a member of the dataset, or the dataset owner (creator) may register, modify, or delete an asset within the specified dataset. We introduce this change to support the new dataset membership feature.

Nested LDAP Groups

- You must explicitly add all LDAP user groups and give them a role on the platform. This includes all nested groups.

User Role Assignment

- When changing the user role assignment of a user or group, it may take a few moments for the change to take effect. You should log in to the platform again for the changed role assignment to take effect.

Google BigQuery

- The following Denodo VQL functions may show unexpected behavior or errors:
 - Scalar functions:

```
acos, ascii, atan, atan2, cos, cot, char, degrees, firstdayofmonth,
firstdayofweek, getdaysbetween, getmonthsbetween, getdayofweek,
getdayofyear, gethour, getminute, getsecond, gettimeinmillis,
getmillisecond, getmicrosecond, getquarter, getweek, lastdayofmonth,
lastdayofweek, nextweekday, previousweekday, pi, radians, removeaccents,
sin, tan, sql_trim, textconstant, to_localdate, to_time, to_timestamp,
to_timestamptz, position, localtimestamp(evaluate_literal)
```

- Windowing functions:

```
percent_rank, percentile_disc, cume_dist, ntile, first_value, last_value
```

4. Compatibility

The Privitar Data Security Platform is compatible with the following component versions:

- Helm v3.8.x
- Kubernetes v1.25

Note that for Kubernetes components, the version difference between client (1.xx) and server (1.xx) shouldn't exceed the supported minor version skew of +/-1. To learn more, see <https://kubernetes.io/releases/version-skew-policy/>.

Note that Istio requires port 15017 in order to inject a configuration into Keycloak and RabbitMQ.

Databases

- Apache Hive v3.1.2+
- Apache Spark v3.0.1+
- Delta Lake on Apache Spark v3.0.1+
- PostgreSQL v13.0+