



Release Notes

Privitar Data Security Platform, version 1.3.0

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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

Watermark Investigation

Users now have a tool to investigate the watermarks of potentially leaked datasets.

To learn more, see ["Watermarking" in the DSP Installation and Administration Guide](#).

Policies and Rules

- A data guardian will now need to approve changes to the default transformation policy.
- Policy and rule triggers now allow for `Is none of` as an operator. This includes when you are viewing or setting policies or rules through a REST API. The default setting is `Is any of`.

To learn more, see ["Policies, Rules, and Transformations" in the DSP User Guide](#).

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.

Rules

- The platform does not fully support Boolean data types. Using them in cell-level transformations might result in a SQL error.

Projects

- When a data consumer 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. It is not possible to add additional assets to a rejected project.

Business Information

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

REST APIs

- When using the REST API to create a new asset, the platform creates the asset in *In Draft* status, and a data guardian must approve it in order to publish it.
- If you have an LDAP group with no users, the User Group API will return an error message.

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
```

RabbitMQ

- If RabbitMQ credentials unexpectedly reset to the default `rabbitUser/CHANGEME`, restart the RabbitMQ pod with the following command, replacing `<namespace>` with the desired namespace:

```
kubectl -n <namespace> delete pod control-plane-rabbitmq-0
```

- If the message queue requested by the data bridge cannot be found, restart the data bridge pod with the following command, replacing `<namespace>` (for both occurrences) with the desired namespace:

```
kubectl -n <namespace> delete pod "$(kubectl -n <namespace> get pods -o
name | grep "data-bridge" | cut -c 5-)"
```


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+