Release Notes

Privitar Data Security Platform, version 1.1.1

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1. Welcome

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

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2. 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.

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3. New Features in This Release

APIs

To learn more, see "The Platform REST APIs" in the DSP REST API User Guide.

Attributes API New Endpoints

The Attributes API now has endpoints to create (POST), update (PUT), and delete (DELETE) attribute types, such as purposes and locations.

Data Class API

When creating a new data class through the API, entry of only a single value for `implementingDataType` is now enforced.

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
- Informatica
- Snowflake

There are more integrations planned for subsequent releases.

Dynamic Query Access (Data Proxy)

- During startup, the data proxy now performs a preemptive warmup of the Java Virtual Machine (JVM) and the Privitar Query Engine. This greatly minimizes the overhead on the first query running on that instance of the data proxy when compared to subsequent queries.
- The platform now supports including non ASCII characters when submitting a query of literal string values through the platform to an Apache Spark database.

User Management (LDAP User Registry)

Adding a new group to an LDAP registry is now expected to take a maximum of 5 minutes to replicate to the platform.

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Key Management System

The platform now includes a HashiCorp® Vault Key Management System adapter for Kubernetes Auth.

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4. Known Issues and Limitations

Data Consistency

- Data consistency will not be retained between data tokenized in DSP v1.0.1 and any subsequent releases.

Asset Registration

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

Policies

- Upon changing a default transformation policy, the change will not take effect in the data proxy until after another change occurs, such as approving a policy, project, or asset.
- A data guardian may delete an access control policy that has published rules.

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.

Dynamic Query Access (Data Proxy)

- If there is an error when authenticating a connection, the error message may not contain enough information to indicate the exact cause of the problem. Please validate the connection URL, credentials, and TrustStore certificate are correct.

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REST APIs

- When using the REST API to create a new asset, the platform creates the asset in Draft status, and a data guardian must approve it in order to publish it.

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.

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5. 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+
- PostgreSQL v13.0+

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