



# Release Notes

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Privitar Modern Data Provisioning Platform, version 1.1.0

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# 1. Welcome

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

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

## 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>.

## 3. New Features in This Release

### Policies

To learn more, see [“Policies” in the MDP Platform User Guide](#).

#### Changing Default Transformation Policy

You can change the default transformation policy from the drop field transformation type to the redact with NULL transformation type.

#### Policy Workflow

When you create or edit a policy (including adding or editing a rule within that policy), it now enters an approval workflow in which a data guardian must approve or reject the new or modified policy and rules.

#### Conditional Transformation Policies

To refine the activation of a policy and its rules, you can add a trigger to a policy so its rules are only applied under the trigger conditions specified.

### Rules

To learn more, see [“Rules” in the MDP Platform User Guide](#).

#### Cell-Level Transformations

You can define a transformation rule to apply different transformations for distinct records of the same field (column), that is, a cell, based on varying conditions in another field (column).

### Data Transformations

To learn more, see [“Transformations” in the MDP Platform User Guide](#).

#### Redact with NULL

You can use this privacy enhancing technology (PET) to replace the field values in a column with NULL, and preserve the schema of the asset after the data transformation.

### APIs

To learn more, see [“The Platform APIs” in the MDP API User Guide](#).

#### REST API for Access Control Policies

The Access Control Policy API has endpoints to create, read, update, and delete an access control policy. You can also:

- view details of an access control policy's rejection message

- submit an access control policy for review
- acknowledge that an access control policy has been rejected during a review by returning it to either the Draft or Draft Update state

### **REST API for Access Control Policy Rules**

The Access Control Policy Rule API has endpoints to create, read, update, and delete an access control policy rule. You can view the details of every access control policy rule in a specified policy, or view a single access control policy rule by its ID.

### **REST API for Attributes**

The Attribute API has endpoints to read all location attribute types, or read all purpose attribute types. This is useful when creating connections, assets, or projects via an API.

### **REST API for Connections**

The Connections API has endpoints to create, read, update, and delete a connection. You can find all connections or search for a specific connection by connection ID.

### **REST API for Data Planes**

The DataPlanes API has endpoints to view all data planes or to view data planes within a single exchange. This is useful when creating connections via an API.

### **REST API for Projects**

The Project API has endpoints to create, read, update, and delete a project. You can also:

- view (GET) all projects
- view all the proxy URLs of a project
- submit a project for review
- update the list of assets associated with a project

### **REST API for Tasks**

The Task API has endpoints to view all asset, policy, and project requests, to approve or disapprove a specific asset or project request by ID, and to publish or reject a policy.

### **REST API for Transformations**

The Transformation API has endpoints to create, read, update, and delete a transformation. You can find all transformations or search for a specific transformation by transformation ID.

### **REST API for Transformation Policies**

The Transformation Policy API has endpoints to create, read, update, and delete a transformation policy. You can also:

- view a transformation policy's rejection message
- acknowledge that a transformation policy has been rejected during a review by returning it to either the Draft or Update Draft state, depending on whether the policy is being created or updated

- create policies that include conditional triggers

### **REST API for Transformation Policy Rules**

The Transformation Policy Rule API has endpoints to create, read, update, and delete an asset. You can also reorder the transformation policy rules within a specified policy.

## **Logging**

To learn more, see [“System Logs and Auditing” in the MDP Platform Administration Guide](#).

### **Audit Logs for Data Guardians and System Administrators**

- provide information on how data is provisioned (who requested the data, the data that was requested, and the transformations applied)
- provide information on the creation of or changes to any object, including projects, assets, policies, and rules

The platform now uses Fluentbit log collector which uses input and output plug-ins to:

- collect data from multiple sources
- distribute or send data to various destinations, such as your preferred security information and event management (SIEM) solution

## **Integrations**

### **Denodo**

You can now configure Denodo Design Studio to query data on the platform. Set up base views in Denodo and launch data queries from Denodo or with a business intelligence tool.

The Privitar Modern Data Provisioning Platform v1.1.0 is compatible with Denodo Platform v8.0 with the following data sources:

- Apache Hive v3.1.2+
- Apache Spark v3.0.1+

## 4. Known Issues and Limitations

### Upgrading from MDP v1.0.x to v1.1.0

- When you upgrade to MDP v1.1.0, be sure to upgrade your data plane before using the v1.1.0 data proxy driver.

### Data Consistency

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

### Asset Registration

- Names are case-sensitive when registering an asset, schema, or table.
- If there is an error when authenticating and registering an asset through a connection, the error message may not contain enough information to indicate the exact cause of the problem. Please validate that the provided JDBC URL and credentials are correct.

### 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 navigating to the list of draft projects, the page might initially display a "Page not found" message. However, refreshing the page will correctly display the list of draft projects.
- 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.
- You cannot edit the predefined values for purpose and location.



## 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.
- When submitting a query of literal string values through the platform to an Apache Spark database, non ASCII characters in the body of the query might result in an error. To avoid this, add `_utf8` before the string value, for example `select _utf8''`.

## 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.
- In order to create transformation policies, transformation rules, and access control rules with a conditional trigger based on the value of a location, purpose, or other attribute type, you must include the universal unique identifier (UUID) of that attribute type. You can find the UUID by inspecting the Network tab of your browser's dev tools while using the platform's user interface.

## 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.

## User Management (LDAP User Registry)

- Adding a new group to an LDAP registry may take up to 24 hours to replicate to the platform. If a user that is a member of that group, logs in to the platform, that group will be replicated to the platform immediately. If the group isn't being replicated in the platform, it will not appear in the group search when adding groups to an exchange.

## 5. Compatibility

The Privitar Modern Data Provisioning Platform v1.1.0 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+