RAYVENTORY®

Technology Asset Inventory

Release Notes RayVentory Data Hub 12.5

raynet

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Introduction

This new release 12.5 is a major upgrade to the previous release. It contains several new features, major product improvements and resolves reported issues. This document describes important changes and feature highlights using the base 12.4 version for comparison. When migrating from an older release (12.0, 12.1, 12.2, or 12.3), refer to corresponding Release Notes for more information about changes and migration paths.

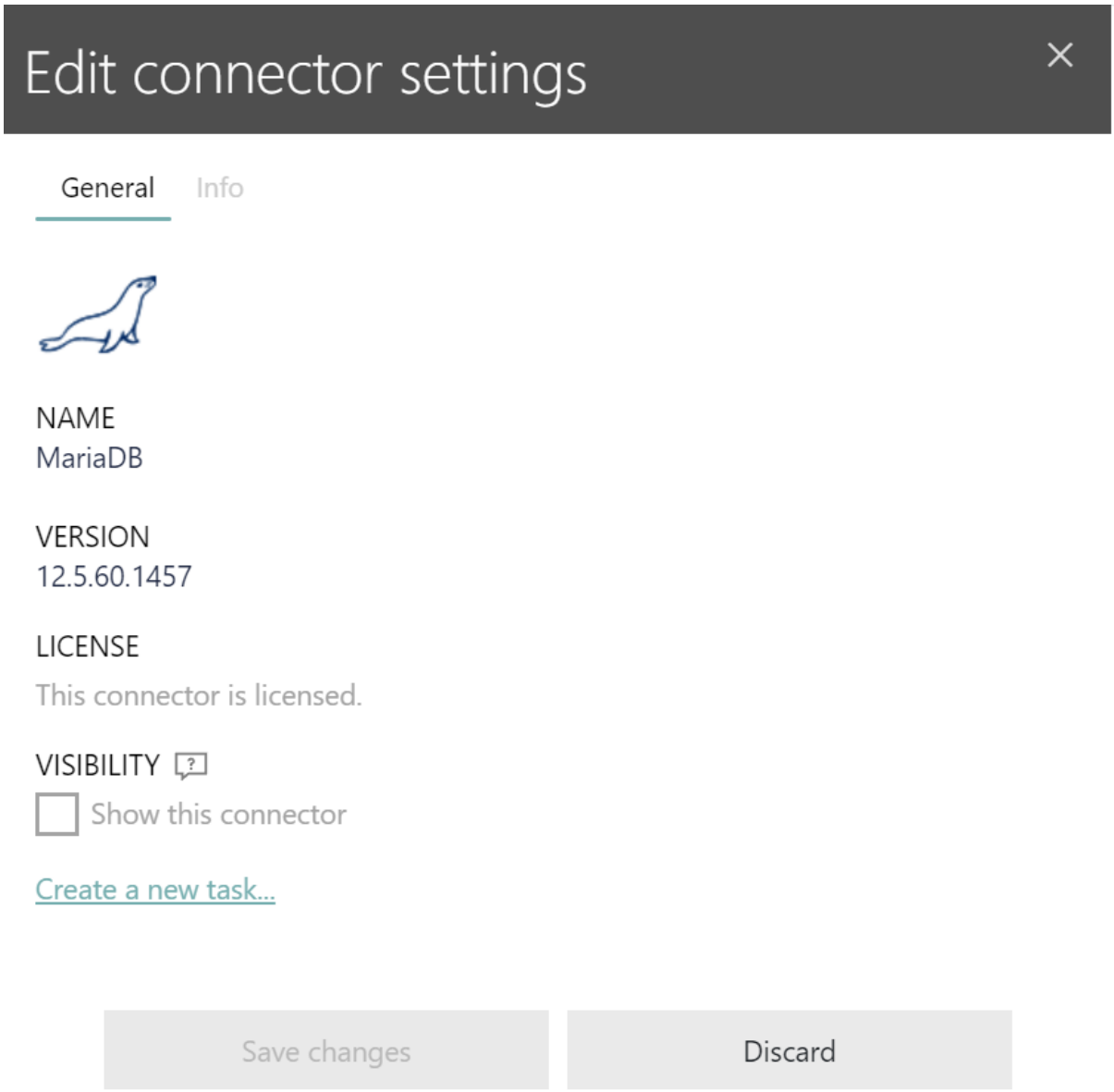
What's new

Support for MariaDB / MySQL Databases RR-2091 RR-3362 RR-1087 ZEN-17726

From this version on, RayVentory Data Hub supports dual database types. The user can choose between SQL Server (standard setting) and MariaDB / MySQL. The selected database engine is used for both, product tables and tenant data. More information about switching to MariaDB database can be found in the product *Installation Guide*.

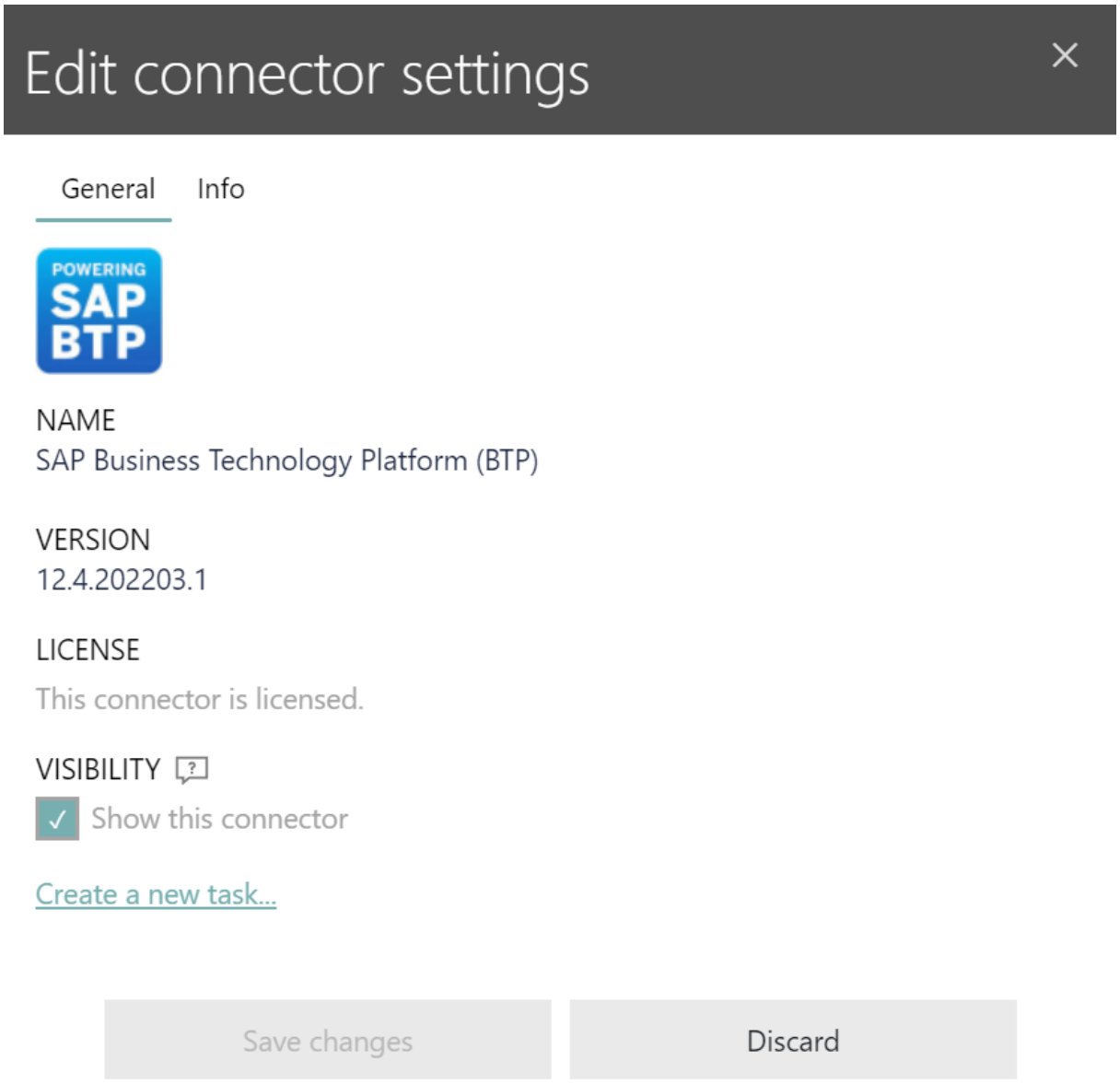
New Dedicated Connector to Query MySQL / MariaDB Databases RR-3471 ZEN-20972 SCON-271

What previously was only available as a generic ODBC query is now accessible as a standard connector, working similarly to the already available SQL Server connector. Both connectors can be used regardless of the used database engine.



New SAP Business Technology Platform (BTP) Connector and Connector Improvements `RR-3461`

The SAP Business Technology Platform (BTP) connector has been added. Additionally there have been further improvements and fixes regarding the connectors.


Edit connector settings
General
Info
POWERING
SAP
BTP
NAME
SAP Business Technology Platform (BTP)
VERSION
12.4.202203.1
LICENSE
This connector is licensed.
VISIBILITY
Show this connector
Create a new task...
Save changes
Discard

Other Improvements and Changes

- Improved KeyCloak integration. `RR-3428` `RR-3421`
- The standard ETL script for Office 365 and Active Directory has been improved. `RR-3468` `ZEN-21074`
- Improved fonts used by the Docker-based servers. `RR-3371`

Security Improvements

- In this build, all OSS libraries which were previously not signed are now digitally signed. `RR-3257` `RR-3448` `ZEN-19870`

Resolved Issues

The following issues have been resolved in this build:

- Fixed an issue where RayVentory Data Hub could not retrieve the data if the KeyCloak API has been configured as private. `RR-3465` `ZEN-20848` `ZEN-20892`
- Fixed an issue with the MSI installer creating unneeded resources. `RR-3419` `ZEN-20547`
- Fixed an issue where the look-up values in an **Enrich** step were not shown when editing the step again. `RR-3412` `ZEN-20501` `RR-3447`
- Fixed an issue where after a failed job various files remained in the temp directory. `RR-3423` `ZEN-20526`
- Fixed possible errors when executing merged transformations with sql macros. `RR-3434` `ZEN-20457`
- Fixed an issue with hidden **OK** and **Cancel** buttons in the data source selection. `RR-3452` `ZEN-20734`
- Fixed an issue with the configuration of the maximum allowed timeout for **SQL Commands** in the **Tenant settings**. `RR-3444` `ZEN-20730`
- Fixed an issue with unnecessary capitalization and white spaces in column names displayed by the Raw Data viewer. `RR-3409`
- Fixed an issue with signing in after unlinking a user from LDAP. `RR-3418`
- Minor fixes in various reports and dashboards. `RR-3375` `RR-3388` `RR-3376` `RR-3398` `RR-3416` `RR-3364` `RR-3424` `RR-3431` `RR-3438` `RR-3445` `RR-3446`
- Fixed an issue with broken headers in the task view after a reload. `RR-3410`
- Fixed an issue where the **select all** checkbox on the transformation page only selected the first transformation instead of all transformations. `RR-3422`
- Fixed an issue where transformation tasks with the name "transformation" were not displayed correctly. `RR-3440`
- Fixed typos in various places. `RR-3437` `RR-3456` `RR-3379`
- Fixed an issue where changing the language on the **Home** page caused an unnecessary toast notification. `RR-3333`

Known Issues

- Standard reports are available in SQL Server flavor only.
- The installer uses SQL Server as the default database type. In order to use MariaDB, skip the database creation step during the installation and adjust the configuration before starting the product for the first time. This does not affect Docker-based installation, where the selection of the database type is determined by using a specific environment variable.

Migration from Previous Versions

- This version is backward incompatible with release 12.0.
- For versions 12.1, 12.2, and 12.3, there is automated migration, which ensures that both the server and the agent can be migrated, together with user data

For detailed information about the migration process, refer to the **Installation Guide**.

Getting Data for USU ITSM Overview

This chapter describes how to get the data for the newly added USU ITSM connector. These steps should be executed after the update of the server instance to the newest version.

1. Start the import wizards "Import > From template..."" in the library view.
2. Select dashboard "USU-ITSM-Overview" under Connectors section and enter the necessary data for a new task:
   - `USUVALUEMATION_PNP_MATCHINGTABLE_URL = "http://www.linux-usb.org/usb.ids.gz"`
   - `USUVALUEMATION_INVENTORY_DATA_TABLESTART = "Inventory"`
   - `USUVALUEMATION_INVENTORY_DATA_CONNECTION = "Data Source=(local);Initial Catalog=[DataHub];Integrated Security=True`
   - `USUVALUEMATION_DISPLAYNAME_FQDN = 1`
   - `USUVALUEMATION_DEVICE_IMPORTID = 1`
3. Add the variable `USUVALUEMATION_PNP_MATCHINGTABLE_URL` with value `http://www.linux-usb.org/usb.ids.gz` manually, if it is not shown in Wizard
4. Run 5 tasks in "TASKS > USU > ITSM > IMPORT" folder to generate import data.
5. Run all 22 tasks in "TASKS > USU > ITSM > EXPORT" folder to generate export CMP data.

Breaking Changes and Important Notes

- Default RayVentory tasks have now dependency on stored procedures, installed with *AsperaConnector* version **12.2.0.11458** or later. The version may be installed as a part of RayVentory server installation or separately (as a SQL file). The new version of the connector is required to use the newly added USU ITSM connector tasks.
- Some tasks and reports might need to be re-imported to benefit from changes and fixes brought by this release. This is especially valid for SQL-based tasks, where the logic is encapsulated as a SQL script in the *Task Configuration.*

- The server should be always installed with the matching version of the agent. Mixing versions (for example 12.5 Data Hub and 12.1 Data Hub Agent) is not recommended and may lead to unexpected issues.

- Important changes for users migrating from version 12.2 (without Service Packs)
  - We have changed the way the report table name resolution works. The previously used separator (dot) is not used anymore in favor of a minus sign.
  - This means that the tables created by 12.2 extraction tasks followed the following naming convention `dataset.tablename`, whereas the new one puts out `dataset-tablename`. The migration script included in this build should be able to convert your existing reports to the new format, but the data will only be available once all tasks are restarted. You may also do the renaming on your own.Important changes for users migrating from version 12.2 (without Service Packs)

System Requirements

Hardware Requirements

RayVentory Data Hub

Requirements when SQL Server and RayVentory Data Hub are installed on the same machine:

- Min. 4 CPU cores
- Min. 8 GB of RAM
- Min. 20 GB of disk space

Requirements when only RayVentory Data Hub is installed on the machine:

- Min. 4 CPU cores
- Min. 4 GB of RAM
- Min. 10 GB of disk space

RayVentory Data Hub Agent

- CPU: Intel Core i5
- RAM: 4GB
- Disk space: 500 MB

Software Requirements

The following are the minimum software requirements for the installation and running of RayVentory Data Hub Server:

- Microsoft Windows Server 2012 R2 or higher
- IIS 8 or higher
- Microsoft .NET 6.0 – Windows Server Hosting Bundle (https://dotnet.microsoft.com/en-us/download/dotnet/6.0)
- Microsoft SQL Server 2016 or SQL Server Express 2016

Note:

In order to run hosting bundles, the "Universal C Runtime" is required. Modern Windows Servers should already have it, but it may be required to download for older ones. The oldest supported OS is currently Windows Server 2012 R2. More information can be found here: https://support.microsoft.com/en-us/help/2999226/update-for-universal-cruntime-in-windows

The following are the minimum software requirements for the installation and running of RayVentory Data Hub Agent:

- Windows Vista SP2 / Windows Server 2008 R2 or newer
- .Microsoft .NET 6.0 – Windows Server Hosting Bundle (https://dotnet.microsoft.com/en-us/download/dotnet/6.0)
- Java / OpenJDK version 11 or newer is required to execute data collection from SaaS platforms

Supported Web Browsers

- Microsoft Edge version 80 and newer
- Mozilla Firefox version 74 and newer
- Google Chrome version 80 and newer

Additional Information

Visit www.raynet.de for further information on RayVentory Data Hub, and take a look at the additional resources available at the Knowledge Base: http://raynetgmbh.zendesk.com/.

Raynet is looking forward to receiving your feedback from your RayVentory Data Hub experience. Please contact your Raynet service partner or use our Support Panel to add your ideas or requirements to the RayVentory Data Hub development roadmap!

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