RAYVENTORY®

Technology Asset Inventory

Release Notes RayVentory Data Hub 12.2 SP4

raynet

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Contents

Introduction 4
What's new 5
Migration from previous versions 7
System requirements 9
Hardware requirements 9
Software requirements 9
Additional Information 11

Introduction

This new release 12.2 SP4 is a cumulative update for RayVentory Data Hub 12.2 SP3 and previous releases. It contains several new features, major product improvements and resolves reported issues. This document describes important changes and feature highlights introduced since the release of version 12.2 SP3. When migrating from an older release (12.0, 12.1 or 12.2), refer to corresponding Release Notes for more information about changes and migration paths.

What's new

New connectors

The following new data sources can now be extracted by dedicated RayVentory Data Hub connectors:

- *Acquia Cloud Platform*
- *Adobe Captivate Prime*
- *Cloud Academy*
- *cvent*
- *Cyberark*
- *Envoy*
- *ExaVault*
- *foreman*
- *Jamf Pro*
- *Jetbrains Hub*
- *Microsoft Azure*
  - *Azure Compute Inventory*
  - *Azure Consumption*
  - *Azure Log Analytics*
  - *Azure SQL*
- *okta*
- *Sophos Central*
- *teamgantt*
- *twilio*
- *Zoho Books*

Extended configuration of proxy settings

The configuration file (`appsettings.json`) has now extra options which controll whether HTTP(S) or Socks Proxy should be used.

New library elements

In this version, new standard USU ITSM connector task is available. Additionally, terminal server overview has been added to the Inventory Data Overview.

Note that some of these changes may require installation of the new version of Aspera Connector and/or reimporting the reports. See the installation instructions for more details.

Resolved issues

The following issues have been resolved in this build:

- Fixed an issue with insufficient escaping of special characters in LDAP strings *[RR-2150]*.
- Fixed an issue where the data import could skip some entries depending on the maximum number of allowed tables *[RR-2172]*.
- Fixed an issue with a wrong default value of the *ActiveDirectoryGroups* task, which could lead to unnecessary extraction of nested groups *[RR-2153]*.
- Fixed an issue with duplicated group names in *Active Directory* collector *[RR-2149]*.
- Fixed an issue with missing column in the *Device Count* task *[RR-2178]*.

Migration from previous versions

- This version is backward incompatible with release 12.0.
- For versions 12.1 and 12.2, 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 wizars "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 *Aspera Connector* version **12.2.0.11458**. 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 12.2 SP4 Data Hub and 12.1 Data Hub Agent) is not recommended and may lead

to unexpected issues.

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 Core 3.1 – Windows Server Hosting Bundle (https://dotnet.microsoft.com/download/dotnet-core/3.1)
- 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
- .NET Core 3.1 Runtime (https://dotnet.microsoft.com/download/dotnet-core/3.1)
- Java / OpenJDK version 8 or newer is required to execute data collection from SaaS platforms

Supported web browsers

- Microsoft Internet Explorer version 9.0 and newer
- 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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