RAYVENTORY®

Technology Asset Inventory

Release Notes RayVentory Data Hub 12.2 SP2

raynet

Copyright © Raynet GmbH (Germany, Paderborn HRB 3524). All rights reserved.
Complete or partial reproduction, adaptation, or translation without prior written permission is prohibited.

Release Notes RayVentory Data Hub RayVentory Data Hub 12.2 SP2

Raynet and RayFlow are trademarks or registered trademarks of Raynet GmbH protected by patents in European Union, USA and Australia, other patents pending. Other company names and product names are trademarks of their respective owners and are used to their credit.

The content of this document is furnished for informational use only, is subject to change without notice, and should not be construed as a commitment by Raynet GmbH. Raynet GmbH assumes no responsibility or liability for any errors or inaccuracies that may appear in this document. All names and data used in examples are fictitious unless otherwise noted.

Any type of software or data file can be packaged for software management using packaging tools from Raynet or those publicly purchasable in the market. The resulting package is referred to as a Raynet package. Copyright for any third party software and/or data described in a Raynet package remains the property of the relevant software vendor and/or developer. Raynet GmbH does not accept any liability arising from the distribution and/or use of third party software and/or data described in Raynet packages. Please refer to your Raynet license agreement for complete warranty and liability information.

Raynet GmbH Germany
See our website for locations.

www.raynet.de

Contents

Introduction 4
What's new 5
Migration from previous versions 9
System requirements 10
Hardware requirements 10
Software requirements 10
Additional Information 12

Introduction

This new release 12.2 SP2 is a major upgrade to the previous release 12.2. It contains several new features, major product improvements and resolves reported issues. This document describes important changes and feature highlights using the base 12.2 version for comparison. When migrating from an older release (12.0 or 12.1), refer to corresponding Release Notes for more information about changes and migration paths.

What's new

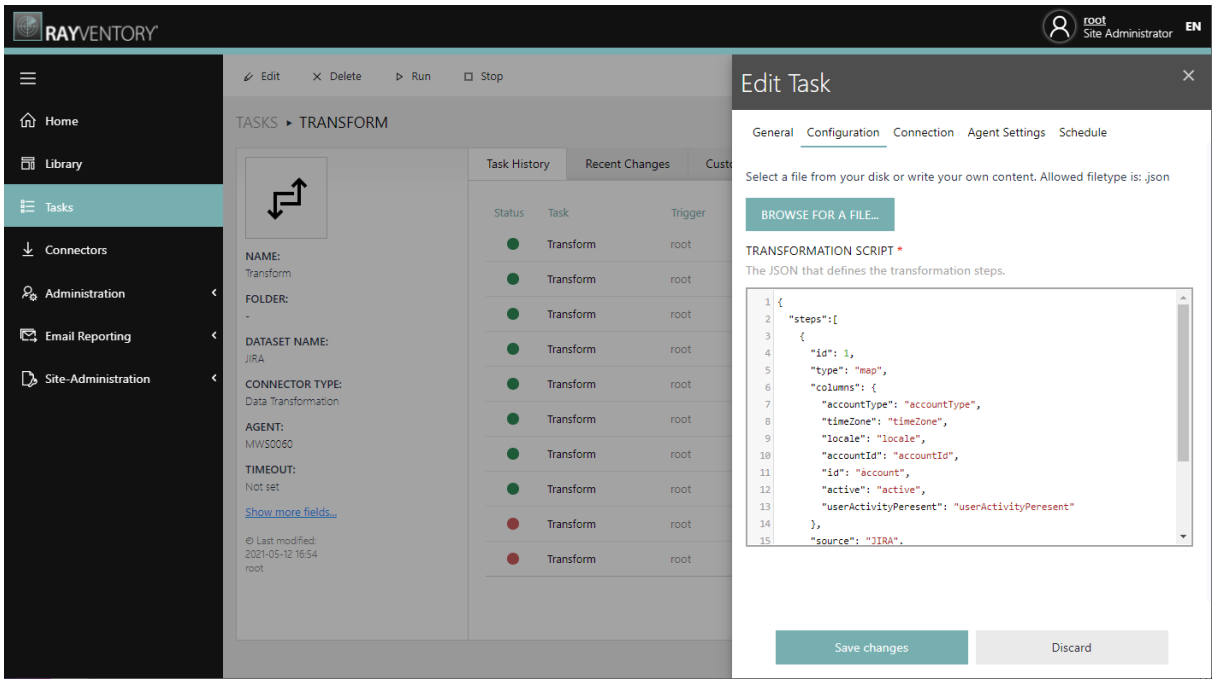
New connectors

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

- Adobe Sign
- Atlassian Trello
- Crowdstrike Falcon
- Datadog
- GitHub
- GitLab (cloud)
- IBM License Metric Tool
- Invision Injixo
- Knowbe4 Security Aawareness Training
- Microsoft 365 (sign-ins only)
- New Relic
- PagerDuty
- Qlik Sense
- SurveyMonkey
- Vanilla Forums
- Zs Associates
- Zylo

Integrated transformation capabilities

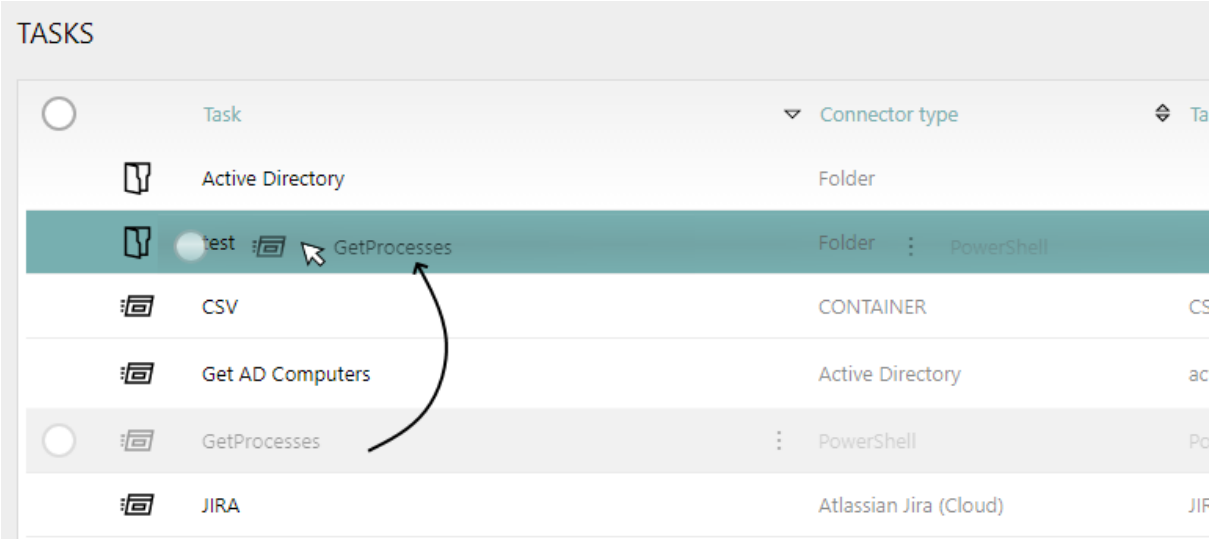
In this release, the previously introduced ETL engine has been fully integrated into the extraction capabilities. A new connector of type **Data transformation** is available, and it supports the full set of commands, provided by Raynet ETL engine. Full user documentation with samples and features show-case is available separately as **ETL Implementation Guide**.



This version comes with an out-of-the-box transformation definition which integrates several data sources, including inventory information, directory services, cloud and SaaS. To get started, import the **Data transformation** template using the Import wizard.

Reordering tasks with drag and drop functionality

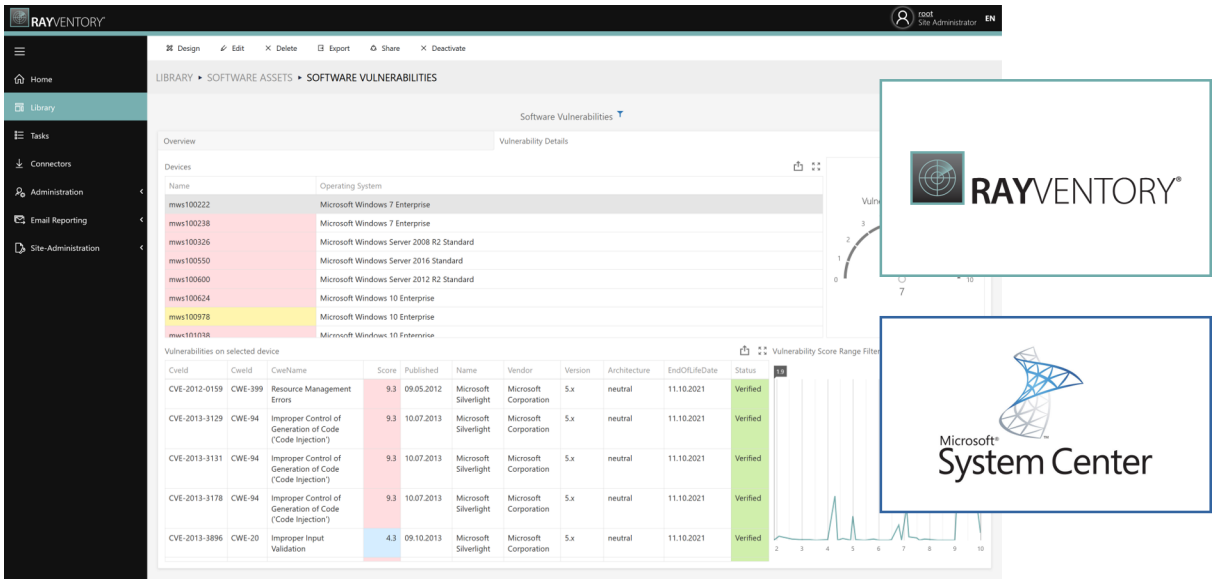
Tasks can be now moved between folders by a simple usage of drag and drop technique.



Connectors can be shown and hidden, which affects which tasks are available. Also, the licensing model is now much more flexible, as it it possible to license individual collectors, whereas in the previous release it was only possible for the whole bundle.

Catalog task has been extended with evidences from System Center Configuration Manager

In addition to RayVentory, SCCM data is now enriched with key metrics such as end of life or release dates, business functionality, license classifications and vulnerability information and can be viewed through dashboards.



For this, the process of how the software normalization step works has been changed. In previous version, the Catalog connector performed direct queries on RayManageSofti (RMSi)/ RayVentory database. In this release, it reuses the data from other, already executed tasks. Additionally, this change enables the catalog to pull the data from SCCM-related tasks.

Other improvements and changes

This version contains several other improvements, performance optimizations and fixes for reported issues.

- New UI for task details
- New reports for software metering
- Ability to create a new task directly from the **Collectors** page
- Performance and stability improvements

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**.

Breaking changes and important notes

- Default RayVentory tasks have now dependency on stored procedures, installed with *Aspera Connector* version **12.2.0.11392**. The version may be installed as a part of RayVentory server installation or separately (as a SQL file). Catalog-related tasks may fail to function properly if the version of the connector is lower than the required minimum.
- RayVentory Catalog task now queries the data from already existing tables, delivered by other connectors. This means that it has to be started once other tasks are finished. Previously, the Catalog task was standalone and getting the data directly from the RayVentory database.
- 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 SP2 Data Hub and 12.1 Data Hub Agent) is not recommended and may lead to unexpected issues.
- On some machines, after the upgrade the browser cache needs to be cleared. In case of failures during initial loading, ensure that the page is not cached by pressing `CTRL+F5` in your browser window.

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!

Raynet GmbH
Technologiepark 20
33100 Paderborn, Germany
T +49 5251 54009-0
F +49 5251 54009-29
info@raynet.de

www.raynet.de