RAYVENTORY®

The most comprehensive Solution for Discovery and Inventory of Software and Hardware

Release Notes RayVentory
Data Hub 12.1

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Release Notes RayVentory Data Hub RayVentory Data Hub 12.1

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Introduction

This new release 12.1 is a major upgrade to the previous release 12.0. It contains several new features, major product improvements and resolved issues.

What's new

40+ new data collectors plus extension of existing collectors

This release has a completely new extension model, which improves servicing and made it possible to provide dozens of new ways of collecting data for popular cloud platforms and on-premise instances. The list of new collectors include:

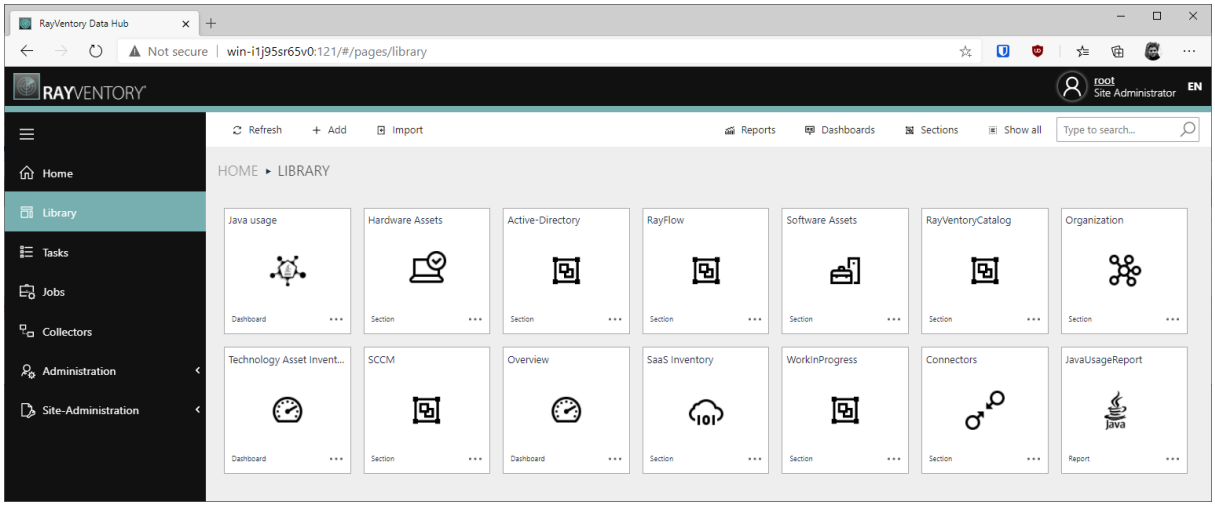
- PowerShell (ability to start custom PowerShell commands)
  - Brand new connectors for SaaS apps (note: Java is required to use them):
  - AdobeAc
  - Aha
  - AsperaNoopSchub
  - AsperaNoopSt
  - AWS EC2
  - AWS RDS
  - AWS S3
  - Beanstalk
  - Docusign
  - Domo
  - Dropbox
  - FigureEight
  - Filewave
  - Freshdesk
  - HP Universal CMDB
  - IBM BigFix
  - IntralinksPlatform
  - IntralinksVia
  - Iquate Iqsonar

- Jamf
- Logzlo
- Mobileiron V1
- Mobileiron V2
- QuickbooksTsheets
- SAP SuccessFactors
- SabaCloud
- Salesforce Marketing Cloud
- ServiceNow LicenseData
- ServiceNow Table
- SiteImprove
- Smartsheet platform
- Teamwork CRM
- Teamwork Projects
- Upland Tenrox
- VMWare AirWatch
- VMWare Vrops
- VMware vCenter
- Veeva Vault
- VMware Wavefront
- Wingify VWO
- Workbook CRM
- Zendesk
- Zoom
- ZsAssociates

Existing collectors have been improved as well. Two notable examples are the Active Directory collector, which can now query for nested groups, and the RayVentory Catalog collector, that can now respect last seen visibility date.

New reports and default library

In this version the default set of reports has been extended. New and existing reports and dashboard are now using a new layout, where functions and data are logically grouped together.



Programmatic data access

New HTTP (REST) endpoints provide access to the data. Therefore it is now possible to export the data to other systems and other formats without a need of getting access to the underlying database. The new endpoint provides strict role-based authorization shared with other core parts of RayVentory Data Hub.

For the documentation and samples of REST endpoints, refer to the Product **User and Administration Guide**.

Proxy support

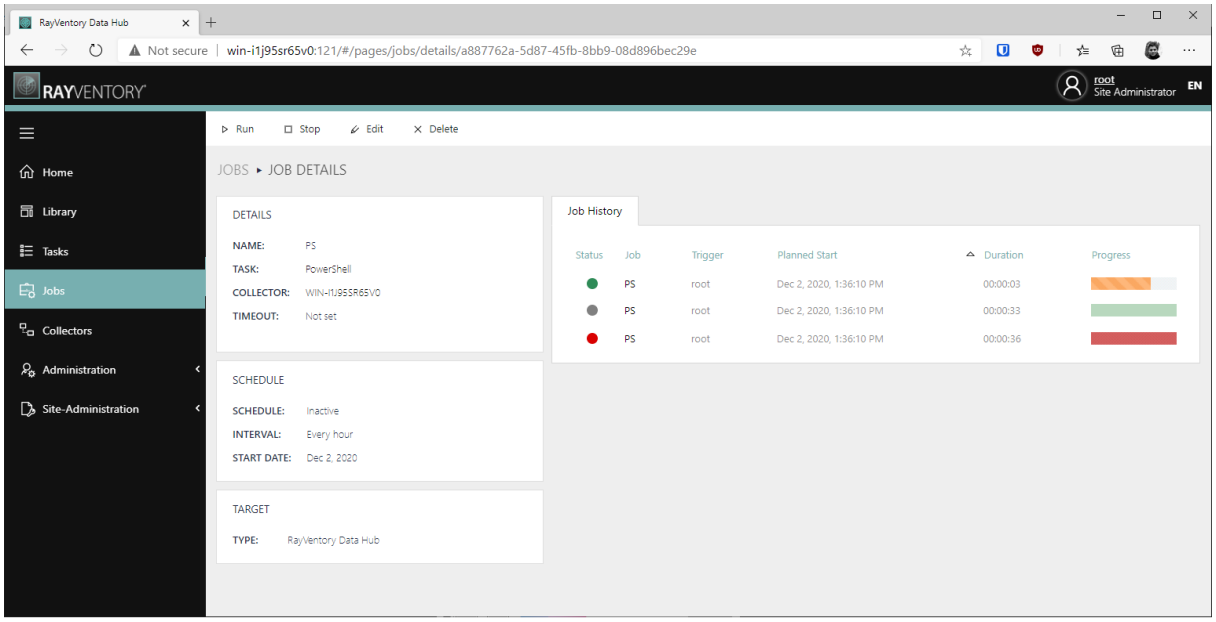
Classic and SaaS data collectors can now use configurable proxy settings, which makes it possible to run the data collection in lock-downed networks with limited access to public network (via proxy).

Multi-instances of Data Collector on the same machine

It is now possible to run several data collector instances on the same machine, each having its specific settings and isolated from other instances.

Refreshed design

Several editors and screens received subtle changes to make it easier to work and to give more prominent place to the data, thus enhancing the user experience.



Performance and stability improvements

Core components of RayVentory Data Hub have been rewritten to ensure the CPU and RAM consumption stays on a low level even with working with huge data sets. Additionally, thanks to hundreds of fixes and improvements, the product runs and faster and offer a smoother experience. Both backend and UI operations benefit from them (for example, this version is considerably faster in opening reports). Network traffic involved in transfer of data from the collector to the parent hub has been decreased, which again improves operation times.

Usability improvements

There are hundreds of smaller tweaks and UI optimizations in this release. Jumping between reports, going back to the previous data set are examples of what has been done in the navigation pattern.

For heavy code and script editing, we have added syntax highlighting to SQL, PowerShell and a few other languages.

Presenting DataHub on small screens is now much easier thanks to UI space optimizations and certain fixes for lower-resolutions.

Migration from previous versions

Due to vast amount of changes in the data model, there is currently no automated migration process.

When migrating from version 12.0 to 12.1, the following must be taken into consideration:

- We recommend to perform a clean install of both Data Hub and Data Collector component.
- Previous product database is incompatible with version 12.1.
  - This does not apply to the "results" database containing the data for reports and dashboards. They can be still used with the new instance, no migration is required.
- Due to the changes of how tasks and jobs are now defined, this can be considered a breaking change. The easiest way to move to 12.1 is to manually recreate all jobs and tasks with required parameters.

System Requirements

Hardware Requirements

Server

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

Data Collector

- 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 Data Collector:

- 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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