


Raynet One Data Hub 14.0

14.0.5951.136 [Update 1]

Released on Sep 18, 2024

Ignore Reason for Technology Catalog Entries RR-4184 ZEN-28201

When targeting Raynet One Technology Catalog, the updated version of the connector now returns an ignore reason for ignored fingerprints, improving troubleshooting and data validation.

 The availability of this feature depends on the scenario. The feature is available for all users targeting the official Raynet One Technology Catalog (<https://rayventorycatalog.raynet.de>). For the on-prem Technology Catalog, the minimum version of the catalog must be 14.0. Lower versions do not support this feature.

Performance improvements

This update significantly improves the performance of raw data searches with large datasets. RR-4390

In addition, the Technology Catalog Connector now respects the global task timeout when working with the database, improving task completion under heavy load scenarios. RR-4397 ZEN-28513

Resolved issues

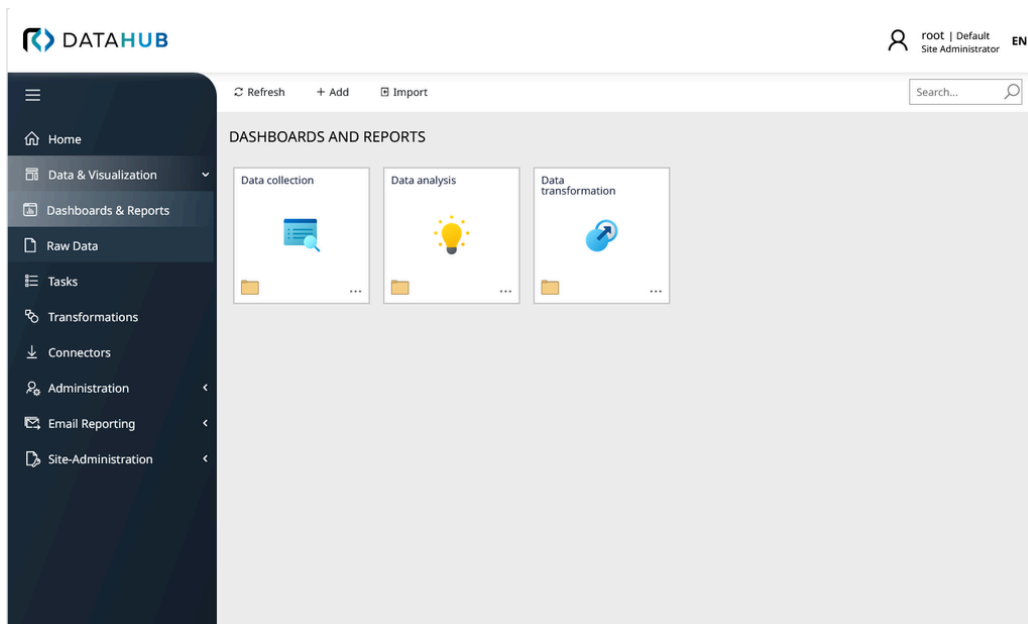
- Resolved an issue where the transformation process could fail for complex transformations involving a combination of enrichment, lookup, and fallback functions. RR-4411
- Resolved various group-related issues, enrichment failures, and deduplication issues with complex transformation processes. RR-4391
- Resolved various group-related issues, enrich failures, and deduplication problems with complex transformation processes. RR-4376 RR-4375 RR-4374
- Resolved an issue where Active Directory tasks did not return all items. RR-4404 ZEN-28337
- Resolved an issue, where custom tenant logos were not visible in the Welcome screen. RR-4369
- Resolved an issue with the Intune Connector where tasks could not start due to license display errors. This was a known issue in version 14.0 RTM. RR-4368
- Resolved issues related to CSP no longer functioning correctly. RR-4362
- Resolved an issue where the Last Run column could display an incorrect date. RR-4307 ZEN-27570 ZEN-28074 ZEN-28117
- Resolved the issue that prevented users from being deleted from the system. RR-4386 ZEN-28230
- Resolved various issues with running tasks for "Azure" and "Office 365.". RR-4359
- Resolved various minor interface and cosmetic issues. RR-4400 RR-4384 RR-4350 RR-4349 RR-4348 RR-4345 RR-4327

14.0.5886.125

Released on Aug 6, 2024

Data Hub is now Raynet One Data Hub RR-4216

Data Hub has been rebranded to align more closely with the Raynet One platform, reinforcing its role as the centralized solution for data management.



Intune Data Transformation RR-4075 RR-3533

The raw Intune data collected is now also automatically processed by the default transformation and rendered in all relevant places, such as IT Visibility.

Kubernetes support RR-4156

Data Hub can now be served via Kubernetes, thanks to improved configuration and feature enhancements.

Hardware data added to the standard data transformation pipeline RR-4123 RR-4084

Hardware data is now automatically processed by the standard transformation layer, which is created when the user imports the updated dashboards and reports. This function has the same semantic structure and purpose as its similar "software" counterpart.

Extra security for the Agent registration processes RR-4125

A valid API key is now required when installing the Data Hub Agent. This ensures that only authorized users are allowed and provides the agent installer with the necessary information for proper instance-agent setup.

Various improvements and new features in cloud connectors RR-4306

In this version, there are four new connectors: GoodData, JetBrains Account, Microsoft Defender and OCI Database. KOT-666 KOT-671

KOT-690 KOT-596

Additionally, several improvements and new features were implemented:

- (Microsoft 365) Added Direct Routing Calls. KOT-698
- (SAP Concur) Added new endpoint Expense Entries. KOT-683
- (Microsoft Graph Generic Query) Added missing features. KOT-689
- (Google Cloud Storage) - Added explicit error handling when downloading files. KOT-636
- (Microsoft 365) - Added `AccountEnabled` field to User table. KOT-699
- (Microsoft 365) - Improved error messages. KOT-645 KOT-694
- (Microsoft Azure) - Improved error handling. KOT-659
- (ServiceNow) - Adjusted default page size to `2000`. KOT-677

- (VMware vSphere) Added validation for Server URL. [KOT-643](#)
- (VMware vSphere) Improved log messages. [KOT-642](#)

Other features and improvements

- Added new dashboards and reports to the library: Oracle Java powered by Unified Data Platform. [RR-4301](#)
- The Query Builder window is now larger to accommodate longer scripts and content. [RR-4108](#)
- Added a checkbox to hide/show empty tables in the Raw Data Viewer. [RR-3182](#)
- Stricter behavior for handling generated API keys. In this release, the API key is presented to the user after the token is created, preventing insecure behavior or unintentional leaking of API keys. [RR-3815](#)
- Increased the default single request timeout in the Catalog connector. [RR-2619](#)
- It is now possible to prevent PowerShell scripts from being executed by the Data Hub Agent. This can be achieved by adding a new configuration property `PowerShellScriptsExecutionEnabled` set to `false` (applies to both Windows and Docker builds). [RR-2824](#)
- The Active Directory (LDAP) connector has been improved for more robust data type handling, resulting in the elimination of mismatches and conversion issues. [RR-4228](#)
- Many internal and third-party components, controls, and interaction elements have been upgraded to the newer versions, ensuring improvements in performance, security, and robustness.
- Re-enabled the option to validate the incoming data, which was disabled in versions 12.6 Update 3 - Update 5.

Resolved issues

- Resolved an issue where the order of tables was ignored in the conflict resolution of a deduplication step. [RR-4204](#)
- Resolved an issue where writing the result to a Microsoft SQL Server database could fail for tables with compound primary keys. [RR-4182](#)
- Resolved minor issues with the IT Visibility Dashboard. [RR-4214](#)
- Resolved an issue where it was possible to inject a JavaScript code into the e-mail template. [RR-4094](#)
- Resolved an issue with Active Directory connector where all users were reported even if filter group was enabled. [RR-3496](#)
- Resolved issues with custom installation path and database setup on Windows. [RR-4230](#) [RR-4257](#)

Breaking changes

- The application now targets .NET 8.0, which is a new requirement for Windows (official Docker images already include the framework).
- After migration, the old agents will not be able to communicate with the server. The reason for this is the missing API key, a change introduced to enforce the security of the product. To continue using the migrated agents, make sure that the API key is provided.

Known Issues

- Content-Security-Policy is not working anymore. **Fixed in 14.0 Update 1**
- Intune connector can not be run (It shows not licensed when trying to start from Tasks view) (In Task details view it still works.)
Workaround is to re-create the task. **Fixed in 14.0 Update 1**
- Migration in MariaDB needs manual adjustments of the version table
- Custom Tenant Image is not showing on the initial tenant selection page. **Fixed in 14.0 Update 1**
- Dashboards with Sankey diagrams may not be properly exported.
- Raynet One Connector does not collect the OS information.
- Oracle DB Server Overview and Oracle DB Details Overview don't work - the workaround is to adjust filter `computer_id` parameter to `import_id`.
- For Azure and Office 365 tasks, the timeout is required for the task to be started. **Fixed in 14.0 Update 1**

Migration from Data Hub 12.x

The migration steps may vary depending on your setup (Windows/Docker) and the database engine in use (SQL Server/MariaDB).

Windows (MSI) + SQL Server

1. Install or upgrade the MSI server by following the MSI installation dialogs.
2. Access the web UI and create a new API key.
3. Download the latest version of the agent.
4. Install or upgrade the MSI agent.
5. Enter the newly created API key into the appropriate MSI dialog.

Windows (MSI) + MariaDB

1. Back up the `appsettings.json` file.
2. Install the MSI and select the "do not configure SQL Server" option in the MSI dialog.
3. Restore the `appsettings.json` file from your backup.
4. Update the connection strings in the file. Add `AllowUserVariables=True;UseAffectedRows=False` to both connection strings if you're using MariaDB.

Example:

```
1 Server=mariadb,3307;User
   ID=root;Password=raynetRootPassword;Database=DataHub_Default;AllowUserVariables=True;UseAffectedRows=False
```

5. Restart IIS.
 - The database migration will occur on the first start.
 - If the web application reports a database version error or other errors (such as when creating a table), restart IIS again to resolve the issue.

Docker

1. Ensure that `AllowUserVariables=True;UseAffectedRows=False` is set for MariaDB and `Encrypt=False` if you're using MSSQL, in the connection string within the compose file, under the web section.
2. Start Docker Compose:

```
1 docker compose up
```

- The database migration will occur on the first start.
 - If the web application reports a database version error, restart the web container.
3. Restart the web container.
4. Go to the web UI and create a new API key.
5. Copy the created API key and insert it into the Docker Compose file under `DataHubApiKey`.

Example:

```
1 DataHubApiKey=465N31G-1QHMYQD-JDGHPWC-BY3J4MX
```

6. If you are using a non-dockerized Windows Agent, update the agent configuration.
7. Restart the agent container

```
1 docker compose down
2 docker compose up
```

8. If Windows agents are connected, restart their agent services