Hewlett Packard Enterprise

HPE Structured Data Manager

Software Version: 7.51

Release Notes

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The title page of this document contains the following identifying information:

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HPE Structured Data Manager Release Notes

Software version: 7.51

Publication date: August 2017

This document is an overview of the changes made to HPE Structured Data Manager (HPE SDM). It contains important information that is not included in books or Help. You can find information about the following in this document.

Related documentation

The following documentation available for this product:

Document Name	Description
HPE Structured Data Manager Installation Guide	Explains how to install the product.
HPE Structured Data Manager Concepts Guide	Explains the major concepts of database archiving in general and HPE Structured Data Manager in particular.
HPE Structured Data Manager Tutorial	Provides step-by-step instructions to build a sample archiving module, deploy, run, and troubleshoot errors in it.
HPE Structured Data Manager Developer's Guide	Explains how to use the Designer component to design, build, test, and deploy your archiving projects.
HPE Structured Data Manager Runtime Guide	Explains how to use the Web Console component to run, monitor, and administer business flows that move data to and from the database.
HPE Structured Data Manager Troubleshooting Guide	Explains how to diagnose and resolve errors, and provides a list of common errors and solutions.
HPE Structured Data Manager API Reference Guide	Provides reference to the available programming interfaces.
HPE Structured Data Manager Upgrade Guide	Explains how to upgrade the product and archive schema generated by the earlier versions of the product.
HPE Structured Data Manager Installation Guide for PeopleSoft	Explains how to install the PeopleSoft integration kit.
HPE Structured Data Manager PeopleSoft Release Notes	Lists items of importance that were not captured in the regular PeopleSoft documentation.

Document Name	Description
HPE Structured Data Manager Installation Guide for Oracle E-Business Suite	Explains how to install the Oracle E-Business Suite integration kit.

New feature in this release

Prior to this release, the in-place masking feature was limited to only intrusive environments. But, for HPE Structured Data Manager 7.51, the in-place masking feature is now supported in non-intrusive environments.

Enhancements

The following feature is enhanced for 7.51 release:

- Enhanced the **Designer Masking** import with multiselect capability on groovy files in **Designer** pane.

- Removed **Custom Selection Program** tab from **IPM Cartridge** in the **Designer** pane.

- You can increase the custom file archive limit to 200 or more, by configuring the **customFileCount** property in outerbay.properties file. For more details, see (ADM-7648).

Installation notes

The installation requirements and instructions for installing the HPE Structured Data Manager are documented in the *HPE Structured Data Manager Installation Guide.*

Contact HPE Support to ensure you have all the current hotfixes.

Fixed issues

The following issues are fixed for 7.51 release:

- ADM-8325: Need Windows Authentication to create environments in the web console.

- ADM-8314: Unable to access two web consoles simultaneously outside the server when two SDM versions reside on the same server.

- ADM-7670: Displays error when running Business Flow in the web console due to the usage of BINARY_DOUBLE type in the column.

- APK-2102: Account Analysis Report fails to work from Archive responsibilities.

- ADM-8157: Failure while running the OM Archive.

- ADM-7868: 7.46 version - After the fix for ADM-7508, the D2F undo does not display the Row Counts in the web console.

- ADM-7539: After running the D2F business flow, the IDX tables are displayed in the Row Counts page.

- ADM-7709: 7.43 version- After the fix for ADM-7508, the upload job fails to display the Row Counts.

- ADM-8415: Create AQS Cache does not display the Row Counts tab.

- ADM-8077: SDM 7.48 fails to create hist index when running DB to DB job.

- ADM-8362: 7.49/7.5 version - Cannot find any tabs such as other runs for a failed or running job.

- ADM-8374: 7.5 WebConsoleService.bat refers to tomcat7 in multiple location, but the tomcat8.exe is bundled with 7.5.

- ADM-8428: Handling of view definition (obtwc_rowcount_details_v) changed for upgrading the repository.

- ADM-8392: HPE SDM 7.51 B 291 throws an exception "workflowdao.WorkflowTaskException: Unable to update audit table" while unmasking.

- ADM-8414: After upgrading from 7.4 version, an error occurs while trying to create an oracle/sql-server environment in 7.5 version.

- ADM- 8364: BIOGEN POC Issue (Data type conversion issue).

- ADM-8363: Upgrade from 7.30 to 7.50 fails.

- ADM-8367: Running a D2F archive job with RM as a destination on a postgres repository fails with an error message.

- ADM- 8282: Fetch data files from the local target directory during the 'Refresh Cache' or 'Upload'.

- ADM-8371: 7.5 RM/CM integration: Document does not get classification/retention schedule specified in the configuration, but the folder does.

- ADM-8313: Tomcat warning "consider increasing the maximum size of the cache".

- ADM-7648: Archive fails for more than 200 files.

Known problems, limitations and workarounds

This section covers known problems, limitations, and workarounds for the following areas:

- Install or Upgrade
- Database to database
- Database to file
- Archive Query Server
- Advanced Selection and Eligibility Analytics
- In-Place Masking
- Custom Masking
- Archive or Copy

Install or upgrade

> **NOTE:**
> Contact HPE Support to ensure you have all the current hotfixes, and any mandatory patches for upgrading from previous versions to 7.51 version.

- HPE Structured Data Manager 7.51 runs on Microsoft Windows and Linux. For detailed information about supported versions, see the HPE Structured Data Manager Certification Matrix at https://softwaresupport.hpe.com/group/softwaresupport/support-matrices.

  AIX, HP-UX, Windows 32-bit, Linux 32-bit, and Solaris are not supported in HPE Structured Data Manager. If your operating system is not among those supported by release 7.51, contact your HPE representative or HPE Support for further information and assistance.

- If you are using transparency on Oracle 11.2.0.3, you must apply Oracle patch 10420487. For more details, see ADM-3449.

- To install Postgresql 9.5 database along with HPE SDM 7.51 installation on Oracle Linux version 6.2, perform the following steps:

  1. Log in as root.
  2. Start the vncserver.
  3. Open the vncview on the Windows desktop.
  4. Open a terminal and navigate to the following directory:

     `<installSDMDir>/postgresql/`

  5. Run the following to install Postgresql 9.5:

     `./postgresql-linux.run`

For more details, see ADM-6048.

- If you set the OBT_HOME environment variable to a remote directory, such as `\\myhost\myshare\HPEOBT`, then you need to manually update the `directories.properties` configuration file after the repository installation.

To update the configuration file

1. Go to the application data directory, where HPE Structured Data Manager stores its configuration files.

   For example, on Microsoft Windows, navigate to the following location:

   `C:\ProgramData\HPE\HPEOBT\config`

2. Manually edit the `directories.properties` file and change the paths to use `${OBT_HOME}`.

   For example:

   ```
   obt.dir.aqsDataSources=${OBT_HOME}/aqsdatasources
   obt.dir.archivePath=${OBT_HOME}/archive obt.dir.artifacts=${OBT_HOME}
   /artifacts
   obt.dir.businessflow=${OBT_HOME}/businessflow
   obt.dir.extensions=${OBT_HOME}/extensions obt.dir.generate=${OBT_HOME}
   /generate
   obt.dir.log=${OBT_HOME}/log
   ```

3. Save and close the file.

   > **NOTE:**
   > When OBT_HOME is set to a remote directory, the `obt.log` file is generated locally rather than on the network drive.

   Search on the local machine for `obt.log`. Subsequently, after you update the directories.properties file, the `obt.log` appears in the expected location on your network drive. For more details, see ADM-6242.

- During upgrade, if you receive this error

  ```
  ORA-30556: either functional or bitmap join index is defined on the column to be modified
  ```

  then the index that is using the column must be dropped manually to complete the deployment. Manually recreate the index after the deployment or run the archive business flow with **Type of indexes to create on History** set to **ALL**. For more details, see ADM-6250.

- Migration of password encryption algorithm from DES to AES does not work.

Database to database

- When working with the Oracle 11g client on Windows, running the security scripts returns the following error:

  ```
  SP2-1506: START, @ or @@ command has no arguments.
  ```

  > **NOTE:**
  > Close and ignore the error. This is a Bug 8756483 at Oracle Metalink. For more details, see

> 12198 and 12077.

Database to file

- Windows Authentication is not supported on database to file (three-tier) configurations. For more details, see ADM-5510.

Archive Query Server

- AQS objects, including collections, schema, or tables, whose names contain a period (.) cannot be dropped. Queries using these objects will fail. For more details, see ADM-6174.
- AQS server refuses connection when trying to connect to AIX. For more information on this issue, contact the HPE Support. Also, see ADM-6245.

Advanced Selection and Eligibility Analytics

- For cartridges using Advanced Selection, the rowcounts displayed in the Eligibility Analytics Summary screen are dependent on all the rules in the model, including the rules on child tables.

  When the child-table rules are not enabled for the Eligibility Analytics, total number of transactions counted are limited. This reduces the rowcounts displayed in the summary screen. For more details, see ADM-5080.
- The Eligibility Analytics summary screen has references to "transactions", but in some cases, the counts that are shown are chain counts. For more details, see ADM-5077.

In-Place Masking

- Masking of NULL values in the source database fails in case of In-Place Masking cartridge. Therefore, to run the business flow successfully, ensure that there are no NULL values being masked. For more details, see (ADM-8527).
- For In-Place Masking cartridge, the **copy** option in **Operations** tab of the **Designer** pane is selected by default and cannot be changed.
- After you run the business flow, the In-Place Masking cartridge fails to display the correct row counts. For more details, see (ADM-8412, ADM-8413).
- The launch of UNDO business flow for In-Place Masking fails when different UNDO of same business flow is deployed on different environments.

  ### Workaround

  Create the UNDO business flow with the same name or as the name specified in the other environment. You can also refer the logs to see the name of the business flow. For more details, see (ADM-8559).

Custom Masking

- Currently, the Custom Masking of the types such as TIME, TIMESTAMP, and DATE are not supported. For more details, see (ADM-8233).
- Built-in Java function SKEW NUMBER fails to mask data with "No such method found" exception and results in a failure of business flow. However, this problem occurs only in the case of intrusive environment. For more details, see (ADM-8323).

> **IMPORTANT:** Ensure that you are aware of the SecureData groovy functions and the datatype on which these appropriate functions must be used because usage of incorrect functions for masking might result in failure of business flow . For more details, see *Voltage* documentation.

Archive or Copy

Archive/Copy creates junk characters if there are NULL - ascii(0) - values. For more details, see Extracting binary zero in Oracle CHAR or VARCHAR section in the *HPE Structured Data Manager Runtime Guide.*