One Identity Manager Release Notes for Database Systems Integration Module 9.1.3

Release Notes

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This release notes provide information about the One Identity Manager Release Notes for Database Systems Integration Module module used for connecting to native databases.

For the most recent documents and product information, see the One Identity Manager documentation.

About this release

This release introduces a new One Identity Manager module, the Database Systems Integration (DSI) which provides synchronization project templates to connect to multiple database engines through the One Identity Manager Generic Database Connector.

Supported platforms

The DSI module can be configured with the One Identity Manager 9.1.3.

The DSI template work with Oracle, MS SQL, SAP HANA , and MySQL database versions that are supported by One Identity Manager generic database connector.

Supported features

New features supported in the current release of the DSI module are listed here:

Table 1: New features

Features	Issue ID
The DSI Module now supports the use case related to isEffective in Oracle, MySQL and SAP HANA	251967
The Oracle template is validated against the new Oracle managed ADO.NET provider	269117

Oracle database

- Read all user accounts and their attributes
- Read all user roles
- Read all user profiles
- Read all tablespaces
- Read user role membership
- Read role membership
- Create and delete operations for users
- Change password for users
- Lock or unlock users
- Change role membership
- Change user role membership

MS SQL database

For server-level template

- Read all login accounts and their attributes
- Read all server roles
- Read all login role membership
- Read all role membership
- Create and delete operations for login
- Change password for logins
- Lock or unlock logins
- Change role membership
- Change login role membership

For database-level template

- Read all user accounts and their attributes
- Read all database roles or application roles
- Read all user role membership
- Read all role membership
- Create and delete operations for users
- Change password for users
- Lock or unlock users
- Change role membership
- Change user role membership

SAP HANA database

- Read all user accounts and their attributes
- Read all user roles
- Read all user role membership
- Read role membership
- Create and delete operations for users
- Change password
- Lock or unlock user
- Change role membership
- Change user role membership

MySQL database

- Read all user accounts and their attributes
- Read all user privileges
- Read user assigned privileges
- Create, read, update, and delete users
- Change password
- Lock or unlock user
- Change privilege membership

Resolved issues

The following is a list of issues addressed in this release.

Table 2: Resolved issues

Resolved Issue	Issue ID
Not able to add base object with new database with standard SQL port and non-Standard SQL port.	416949
Synchronization project now can be created with MS SQL Templates using Non-standard SQL Port	403664
Deployment target for Server\Jobserver is changed from "Target_ Configuration_Name" to "Target_Jobserver_Name"	392811
"There is already an element with the name (vrtIsGrantable)" in synchronization editor while creating sync project with SAP HANA template.	402369

Known issues

The following is a list of issues, including those attributed to third-party products, known to exist at the time of release.

Table 3: General known issues

Known Issue	Issue ID
Oracle template	
Assignment of **GLOBAL_AQ_USER_ROLE** role to an Oracle user is not supported in DSI.	110164
After creating a user, the **CONNECT** role does not appear in **Groups**. After a resynchronization the role is visible.	115982
New user creation with the option **WITH ADMIN OPTION** is not supported in DSI.	115976
Microsoft SQL template	
The fixed server or database role to fixed server, database, or user defined role assignment is restricted in MS SQL Server.	110662
While assigning role membership to login, the role **public** cannot be assigned through One Identity Manager. By default, it is assigned during login creation. The role **public** cannot be revoked for logins.	110682
Enabling or disabling of MS SQL Login for **WINDOWS GROUP** is not supported in DSI.	113273
Creating MS SQL Logins for certificate and asymmetric key is not supported in DSI.	115893

Known Issue	Issue ID
SAP HANA template	
Duplicate entries from Roles is not synchronized in DSI.	113841
Certain role membership assignments are not allowed to users and roles.	116105

System Requirements

Before installing One Identity Manager, ensure that your system meets the following minimum hardware and software requirements.

The system requirements applicable to the One Identity Manager apply to Database Systems Integration (DSI) also. For more information see One Identity Manager Release Notes.

Product licensing

Use of this software is governed by the Software Transaction Agreement found at www.oneidentity.com/legal/sta.aspx. This software does not require an activation or license key to operate.

Upgrade and installation instructions

For more information on upgrade and installation instructions for the Database Systems Integration module, refer the *Administration Guide for Connecting to generic databases through Database Systems Integration Module*.

Schema changes

The following provides an overview of schema changes from One Identity Manager version 8.0.3 up to version 9.1.3 included in DSI Module.

- New column **UNSAccountB**. **HostName** as host name of the host where the **mysql** user account has access.
- New column **UNSAccountB.AccountType** as the type of MSSQL /SAP user.

Changes to system connectors

The following section provides an overview of the modified synchronization templates and an overview of all patches provided by Database Systems Integration module for One Identity Manager version 8.0.3 to version 9.1.3. Apply the provided patches to existing synchronization projects. For more information on applying patches see, Applying patches to synchronization projects topic in the latest *One Identity Manager Release Notes*.

Configuration file changes in Database Systems Integration module

The configuration files mentioned here must be updated to reflect the latest changes.

- MSSQL Database Level configuration file
- MSSql Server Level configuration file
- SAPSql configuration file

Applying changes to the configuration file

1. Open the Synchronization Editor and open an existing synchronization project.
2. Navigate to the required **Target System** in the left pane.
3. Click **Edit Connection**.

   The target system connection wizard is displayed.
4. Click Next till the Load configuration page is displayed.
5. Select the configuration file and complete the connection.
6. Click **Commit to database**.

   The updated configuration file is loaded for the existing synchronization project.

Modified synchronization templates

The following topic provides an overview of the modified synchronization templates. Patches are available for updating synchronization templates in the existing synchronization projects. For more information on patches, see *Patches for synchronization projects* topic in *One Identity Manager Release notes*.

Table 4: Modified synchronization templates

Module	Synchronization template	Type of Modification

Database System Integration	MSSql DB Level Template	Changed
	MSSql Server Level Template	Changed
	Oracle Database Template	Changed
	SAP HANA Template	Changed

Patches for synchronization projects

The following is a list of all patches provided in the Database Systems Integration Module for One Identity Manager 9.1.3 synchronization projects.

Table 5: Patches for synchronization projects

Patch ID	Patch	Description	Issue ID
VSTS#114678	Add mappings for **AccountType** and **Canonicalname** in Database Systems Integration templates	Add mappings for **AccountType** and **Canonicalname** in Database Systems Integration templates	114678 and 124586

IMPORTANT: After the patch installation, run the initial synchronization for the Database Target Systems.

More resources

Additional information is available from the following:

- One Identity Manager support
- One Identity Manager online documentation
- Identity and Access Management community
- One Identity Manager training portal

Globalization

This section contains information about installing and operating this product in non-English configurations, such as those needed by customers outside of North America. This section does not replace the materials about supported platforms and configurations found elsewhere in the product documentation.

This release is Unicode-enabled and supports any character set. It supports simultaneous operation with multilingual data. This release is targeted to support operations in the following regions: North America, Western Europe and Latin America, Central and Eastern Europe. The release is localized in the following languages: **German**. This version has the following capabilities or constraints: Other languages, designated for the Web UI, are provided in the product One Identity Manager Language Pack.

About us

One Identity solutions eliminate the complexities and time-consuming processes often required to govern identities, manage privileged accounts and control access. Our solutions enhance business agility while addressing your IAM challenges with on-premises, cloud and hybrid environments.

Contacting us

For sales and other inquiries, such as licensing, support, and renewals, visit https://www.oneidentity.com/company/contact-us.aspx.

Technical support resources

Technical support is available to One Identity customers with a valid maintenance contract and customers who have trial versions. You can access the Support Portal at https://support.oneidentity.com/.

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