

One Identity Manager Release Notes for Database Systems Integration Module 8.1

Release Notes

May 2019

This release notes provide information about the Database Systems Integration (DSI) module used for connecting to native databases.

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 Native Database Connector.

Supported platforms

The DSI module can be configured with the One Identity Manager version 8.1.

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

Supported features

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

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

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 1: 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 Release Notes for Database Systems Integration Module 8.1, ensure that your system meets the following minimum hardware and software requirements.

Database Server Minimum requirements

Table 2: Database Server Minimum requirements

Requirement	Details
Processor	8 physical cores with 2.5 GHz+  NOTE: 16 physical cores are recommended on performance grounds.
Memory	16 GB+ RAM
Free disk space	100 GB
Operating system	<p>Windows operating systems</p> <p>Note that the requirements from Microsoft for the SQL Server version are installed.</p> <p>UNIX and Linux operating systems</p> <p>Please note the minimum requirements given by the operating system manufacturers for Oracle databases or SQL Server databases.</p>
Software	<p>SQL Server</p> <ul style="list-style-type: none"> SQL Server 2017 Standard Edition (64-bit) with the current cumulative update SQL Server 2016 Standard Edition (64-bit), Service Pack 2 with the current cumulative update

Requirement Details

- i** **NOTE:** The SQL Server Enterprise Edition is recommended on performance grounds.
- Compatibility level for databases: SQL Server 2016 (130)
 - Default sort schema: case-insensitive, SQL_Latin1_General_CP1_CI_AS (Recommended)

- i** **NOTE:** One Identity Manager works with SQL Server. For more detailed information on system prerequisites see the One Identity Manager Installation Guide.

Service Server Minimum requirements

Table 3: Service Server Minimum requirements

Requirement	Details
Processor	8 physical cores with 2.5 GHz+
Memory	16 GB RAM
Free disk space	40 GB
Operating system	Windows operating systems <ul style="list-style-type: none">• Windows Server 2008 R2 (non-Itanium 64 bit) Service Pack 1 or later• Windows Server 2012• Windows Server 2012 R2• Windows Server 2016 Linux operating systems <p>Linux operation system (64 bit) supported by the Mono project or Docker images provided by the Mono project.</p>
Additional Software	Windows operating systems <ul style="list-style-type: none">• Microsoft .NET Framework version 4.7.2 or later Linux operating systems <ul style="list-style-type: none">• Mono 5.14 or later

Client Minimum requirements

Table 4: Client Minimum requirements

Requirement	Details
Processor	4 physical cores with 2.5 GHz
Memory	4 GB+ RAM
Free disk space	1 GB
Operating system	Windows operating systems <ul style="list-style-type: none">• Windows 7 (32 bit or non-Itanium 64 bit) with the current service pack• Windows 8.1 (32 bit or 64 bit) with the current service pack• Windows 10 (32 bit or 64 bit) version 1511 or later
Additional Software	Windows operating systems <ul style="list-style-type: none">• Microsoft .NET Framework version 4.7.2 or later
Supported browsers	<ul style="list-style-type: none">• Internet Explorer 11 or later• Firefox (release channel)• Chrome (release channel)• Microsoft Edge (release channel)

Web Server Minimum Requirements

Table 5: Web Server Minimum requirements

Requirement	Details
Processor	4 physical cores with 1.65 GHz+
Memory	4 GB RAM
Free disk space	40 GB
Operating system	Windows operating systems <ul style="list-style-type: none">• Windows Server 2008 R2 (non-Itanium 64 bit) Service Pack 2 or later• Windows Server 2012• Windows Server 2012 R2• Windows Server 2016

Requirement Details

Linux operating systems

- Linux operation system (64 bit) supported by the Mono project or Docker images provided by the Mono project. Please note the operating system manufacturer's minimum requirements for Apache HTTP Server.

Additional
Software

Windows operating systems

- Microsoft .NET Framework version 4.7.2 or later
- Microsoft Internet Information Service 7 or 7.5 or 8 or 8.5 or 10 with ASP.NET 4.5.2 and the role services:
 - Web Server > Common HTTP Features > Static Content
 - Web Server > Common HTTP Features > Default Document
 - Web Server > Application Development > ASP.NET
 - Web Server > Application Development > .NET Extensibility
 - Web Server > Application Development > ISAPI Extensions
 - Web Server > Application Development > ISAPI Filters
 - Web Server > Security > Basic Authentication
 - Web Server > Security > Windows Authentication
 - Web Server > Performance > Static Content Compression
 - Web Server > Performance > Dynamic Content Compression

Linux operating systems

- Mono 5.14 or later
- NTP Client
- Apache HTTP Server 2.0 or 2.2 with following modules:
 - mod_mono
 - rewrite
 - ssl (optional)

Application Server Minimum Requirements

Table 6: Application Server Minimum requirements

Requirement Details

Processor 8 physical cores with 2.5 GHz+

Requirement	Details
Memory	8 GB RAM
Free disk space	40 GB
Operating system	<p>Windows operating systems</p> <ul style="list-style-type: none"> • Windows Server 2008 R2 (non-Itanium 64 bit) Service Pack 1 or later • Windows Server 2012 • Windows Server 2012 R2 • Windows Server 2016 <p>Linux operating systems</p> <ul style="list-style-type: none"> • Linux operation system (64 bit) supported by the Mono project or Docker images provided by the Mono project. Please note the operating system manufacturer's minimum requirements for Apache HTTP Server.
Additional Software	<p>Windows operating systems</p> <ul style="list-style-type: none"> • Microsoft .NET Framework version 4.7.2 or later • Microsoft Internet Information Service 7 or 7.5 or 8 or 8.5 or 10 with ASP.NET 4.5.2 and the role services: <ul style="list-style-type: none"> • Web Server > Common HTTP Features > Static Content • Web Server > Common HTTP Features > Default Document • Web Server > Application Development > ASP.NET • Web Server > Application Development > .NET Extensibility • Web Server > Application Development > ISAPI Extensions • Web Server > Application Development > ISAPI Filters • Web Server > Security > Basic Authentication • Web Server > Security > Windows Authentication • Web Server > Performance > Static Content Compression • Web Server > Performance > Dynamic Content Compression <p>Linux operating systems</p> <ul style="list-style-type: none"> • Mono 5.14 or later • NTP Client • Apache HTTP Server 2.0 or 2.2 with following modules: <ul style="list-style-type: none"> • mod_mono

Requirement Details

- rewrite
- ssl (optional)

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 Native Databases through Database Systems Integration Module*.

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 or other inquiries, visit <https://www.oneidentity.com/company/contact-us.aspx> or call +1-800-306-9329.

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/>.

The Support Portal provides self-help tools you can use to solve problems quickly and independently, 24 hours a day, 365 days a year. The Support Portal enables you to:

- Submit and manage a Service Request
- View Knowledge Base articles
- Sign up for product notifications
- Download software and technical documentation
- View how-to-videos at www.YouTube.com/OneIdentity
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product