

One Identity Manager 9.1.1

Release Notes for Starling Connect Connector Module

13 April 2023, 12:23

This document provides information about Starling Connect Connector used to connect to Starling Connect Platform using the capabilities of SCIM Connector and configurations from the Starling Hybrid Subscription.

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 connector, the Starling Connect Connector, which can be used to create a synchronization project to synchronize data from the Starling Connectors.

Supported platforms

Starling Connect Connector Module can be configured with One Identity Manager 9.1.1

NOTE: The System Requirements applicable to the One Identity Manager applies to Starling Connect Connector Module also.

Supported features

Supported features for One Identity Manager SCC module:

- Synchronization project can be created using App Server Authentication in SCC module.

Resolved issues

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

Table 1: General resolved issues

Resolved Issue	Issue ID
Transfer of the SQL command from the VI.Projector.SCC.Migration.dll into the migration script directly	324640
The error handling in SCC module is enhanced to display the detailed error message in the client.	240772

System Requirements

Ensure that your system meets the following minimum hardware and system requirements before installing One Identity Manager. For more detailed information about system prerequisites, see the One Identity Manager Installation Guide.

NOTE: When setting up a virtual environment, carefully consider the configuration aspects such as CPU, memory availability, I/O subsystem, and network infrastructure to ensure the virtual layer has the necessary resources available. Please consult [One Identity's Product Support Policies](#) for more information on environment virtualization.

Every One Identity Manager installation can be virtualized. Ensure that performance and resources are available to the respective One Identity Manager component according to system requirements. Ideally, resource assignments for the database server are fixed. Virtualization of a One Identity Manager installation should only be attempted by experts with strong knowledge of virtualization techniques.

Minimum requirements for the database server

A server must meet the following system requirements for installation of a One Identity Manager database. Depending on the number of One Identity Manager modules and the accounts managed in One Identity Manager, the requirements for working memory, hard disk storage, and processors may be significantly greater than the minimum requirements.

Table 2: Database Server Minimum requirements

Requirement	Details
Processor	<p>8 physical cores with 2.5 GHz+ frequency (non-production)</p> <p>16 physical cores with 2.5 GHz+ frequency (production)</p> <p>NOTE: 16 physical cores are recommended on the grounds of performance.</p>
Memory	<p>16 GB+ RAM (non-production)</p> <p>64 GB+ RAM (production)</p>
Free disk space	100 GB
Operating system	<p>Windows operating systems</p> <ul style="list-style-type: none"> Note the requirements from Microsoft for the installed SQL

Requirement

Details

Server version.

UNIX and Linux operating systems

- Note the minimum requirements given by the operating system manufacturer for SQL Server databases.

Software

SQL Server

- SQL Server 2019 Standard Edition (64-bit) with the current cumulative update

NOTE: The cumulative update 2 for SQL Server 2019 is not supported.

- SQL Server 2017 Standard Edition (64-bit) with the current cumulative update

NOTE: For performance reasons, the use of SQL Server Enterprise Edition is recommended for live systems.

- Compatibility level for databases: SQL Server 2017 (140)
- Default sort schema: case-insensitive, SQL_Latin1_General_CP1_

Requirement

Details

CI_AS (Recommended)

- SQL Server Management Studio (recommended)

NOTE: The minimum requirements listed above are considered to be for general use. With each custom One Identity Manager deployment these values may need to be increased to provide ideal performance. To determine production hardware requirements, it is strongly recommended to consult a qualified One Identity Partner or the One Identity Professional Services team. Failure to do so may result in poor database performance.

For additional hardware recommendations, read the KB article <https://sup-port.oneidentity.com/identity-manager/kb/290330/how-to-configure-settings-as-per-the-system-information-overview>, which outlines the System Information Overview available within One Identity Manager.

NOTE: In virtual environments, you must ensure that the VM host provides performance and resources to the database server according to system requirements. Ideally, resource assignments for the database server are fixed. Furthermore, optimal I/O performance must be provided, in particular for the database server. For more information about virtual environments, see [Product Support Policies](#).

Minimum requirements for the service server

The following system prerequisites must be fulfilled to install the One Identity Manager Service on a server.

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	<p>Windows operating systems</p> <p>Following versions are supported:</p> <ul style="list-style-type: none">• Windows Server 2022• Windows Server 2019• Windows Server 2016• Windows Server 2012 R2• Windows Server 2012 <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.
Additional Software	<p>Windows operating systems</p> <ul style="list-style-type: none">• Microsoft .NET Framework version 4.8 or later <p>NOTE: Take the target system manufacturer's recommendations for connecting the target system into account.</p> <p>Linux operating systems</p> <ul style="list-style-type: none">• Mono 6.10 or later

Minimum requirements for clients

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 11 (x64)• Windows 10 (32 bit or 64 bit) version 1511 or later• Windows 8.1 (32 bit or 64 bit) with the current service pack• Windows 7 (32 bit or non-Itanium 64 bit) with the current service pack
Additional Software	Windows operating systems <ul style="list-style-type: none">• Microsoft .NET Framework version 4.8 or later• Microsoft Edge WebView2
Supported browsers	<ul style="list-style-type: none">• Firefox (release channel)• Chrome (release channel)• Microsoft Edge (release channel)

Minimum requirements for the Web Server

The following system prerequisites must be fulfilled to install web applications on a web server.

Table 5: Web Server Minimum requirements

Requirement	Details
Processor	4 physical cores 1.65 GHz+
Memory	4 GB RAM
Free disk space	40 GB
Operating system	<p>Windows operating systems</p> <ul style="list-style-type: none">• Windows Server 2022• Windows Server 2019• Windows Server 2016• Windows Server 2012 R2• Windows Server 2012 <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 4.8 or later• Microsoft Internet Information Service 10 or 8.5 or 8 or 7.5 or 7 with ASP.NET 4.8 and 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 >

Requirement Details

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

- NTP Client
- Mono 6.10 or later
- Apache HTTP Server 2.0 or 2.2 with following modules:
 - mod_mono
 - rewrite
 - ssl (optional)

Minimum requirements for the Application Server

The following system prerequisites must be fulfilled for installation of the application server.

Table 6: Application Server Minimum requirements

Requirement	Details
Processor	8 physical cores with 2.5 GHz+
Memory	8 GB RAM
Free disk space	40 GB
Operating system	Windows operating systems <ul style="list-style-type: none">• Windows Server 2022• Windows Server 2019• Windows Server 2016• Windows Server 2012 R2• Windows Server 2012 Linux operating systems <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	Windows operating systems <ul style="list-style-type: none">• Microsoft .NET Framework version 4.8 or later Microsoft Internet Information Service 10 or 8.5 or 8 or 7.5 or 7 with ASP.NET 4.8 and 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 >

Requirement Details

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

- NTP Client
- Mono 6.10 or later
- Apache HTTP Server 2.0 or 2.2 with following modules:
 - mod_mono
 - 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

The procedure to install Starling Connect Connector Module is similar to the procedures involved in installation of other One Identity Manager modules. For information on the installation of Starling Connect Connector Module module, refer the *Installing One Identity Manager Components* section of the *One Identity Manager Installation Guide*.

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 OneIM 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/>.

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

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Legend

 **WARNING:** A WARNING icon highlights a potential risk of bodily injury or property damage, for which industry-standard safety precautions are advised. This icon is often associated with electrical hazards related to hardware.

 **CAUTION:** A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.

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