

# One Identity Manager and Cloud HR Systems 9.1

## Release Notes

**12 September 2022, 02:14**

This document provides information about the One Identity Manager and its connection with Cloud HR Systems (CHS).

For the most recent documents and product information, see the [One Identity Manager documentation](#).

## About this release

This release provides the following functionalities:

- Synchronization of data from an HR provider like SAP SuccessFactors, Workday and Dayforce to One Identity Manager.
- Basic employee information like phone number and mail address can be modified after the synchronization of data from the HR system.

## Supported platforms

Cloud HR Systems Module can be configured on One Identity Manager version 9.1.

**NOTE:** The System Requirements applicable to the One Identity Manager applies to Cloud HR Systems also.

# New features

New features from the integration of One Identity Manager and Cloud HR Systems module:

- An administrator of One Identity Manager can synchronize the HR data from cloud systems into the base One Identity tables like Person, Department, ProfitCenter, and Locality.
- An administrator of One Identity Manager can update basic employee information for the attributes Phone, PhoneMobile and DefaultMailAddress using the Cloud HR System module.
- The latest CHS module provides an additional template for Dayforce. Hence, an administrator of One Identity Manager can now synchronize Dayforce objects to One Identity Manager.
- The latest CHS module template supports Workday systems. Hence, an administrator of One Identity Manager can now use the latest CHS template to synchronize Workday HR objects to One Identity Manager.

**NOTE:** This integration allows only the updating of data. Create and delete operations are not supported.

## 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 1: Database Server Minimum requirements**

Requirement	Details
Processor	8 physical cores with 2.5 GHz+ frequency (non-production) 16 physical cores with 2.5 GHz+ frequency (production)
Memory	<b>NOTE:</b> 16 physical cores are recommended on the grounds of performance. 16 GB+ RAM (non-production)
Free disk space	64 GB+ RAM (production) 100 GB
Operating system	Windows operating systems <ul style="list-style-type: none"> <li>Note the requirements from Microsoft for the installed SQL Server version.</li> </ul> UNIX and Linux operating systems <ul style="list-style-type: none"> <li>Note the minimum requirements given by the operating system manufacturer for SQL Server databases.</li> </ul>
Software	<b>SQL Server</b> <ul style="list-style-type: none"> <li>SQL Server 2019 Standard Edition (64-bit) with the current cumulative update               <ul style="list-style-type: none"> <li><b>NOTE:</b> The cumulative update 2 for SQL Server 2019 is not supported.</li> </ul> </li> <li>SQL Server 2017 Standard Edition (64-bit) with the current cumulative update               <ul style="list-style-type: none"> <li><b>NOTE:</b> For performance reasons, the use of SQL Server Enterprise Edition is recommended for live systems.                   <ul style="list-style-type: none"> <li>Compatibility level for databases: SQL Server 2017 (140)</li> <li>Default sort schema: case-insensitive, SQL_Latin1_General_CP1_CI_AS (Recommended)</li> <li>SQL Server Management Studio (recommended)</li> </ul> </li> </ul> </li> </ul>

**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

## Requirement

## Details

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://support.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 2: 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 Following versions are supported: <ul style="list-style-type: none"><li>• Windows Server 2022</li><li>• Windows Server 2019</li><li>• Windows Server 2016</li><li>• Windows Server 2012 R2</li><li>• Windows Server 2012</li></ul> Linux operating systems <ul style="list-style-type: none"><li>• Linux operation system (64 bit) supported by the Mono project or Docker images provided by the Mono project.</li></ul> Windows operating systems
Additional Software	<ul style="list-style-type: none"><li>• Microsoft .NET Framework version 4.8 or later</li></ul> <p><b>NOTE:</b>Take the target system manufacturer's recommendations for connecting the target system into account.</p>

Requirement	Details
<b>Linux operating systems</b>	
	<ul style="list-style-type: none"> <li>• Mono 5.14 or later</li> </ul>

## Minimum requirements for clients

**Table 3: Client Minimum requirements**

Requirement	Details
Processor	4 physical cores with 2.5 GHz
Memory	4 GB+ RAM
Free disk space	1 GB
	<b>Windows operating systems</b>
	<ul style="list-style-type: none"> <li>• Windows 11 (x64)</li> </ul>
Operating system	<ul style="list-style-type: none"> <li>• Windows 10 (32 bit or 64 bit) version 1511 or later</li> <li>• Windows 8.1 (32 bit or 64 bit) with the current service pack</li> <li>• Windows 7 (32 bit or non-Itanium 64 bit) with the current service pack</li> </ul>
	<b>Windows operating systems</b>
Additional Software	<ul style="list-style-type: none"> <li>• Microsoft .NET Framework version 4.8 or later</li> <li>• Microsoft Edge WebView2</li> <li>• Firefox (release channel)</li> </ul>
Supported browsers	<ul style="list-style-type: none"> <li>• Chrome (release channel)</li> <li>• Microsoft Edge (release channel)</li> </ul>

## Minimum requirements for the Web Server

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

**Table 4: Web Server Minimum requirements**

Requirement	Details
Processor	4 physical cores 1.65 GHz+
Memory	4 GB RAM
Free disk space	40 GB
	<b>Windows operating systems</b>
Operating system	<ul style="list-style-type: none"> <li>• Windows Server 2022</li> <li>• Windows Server 2019</li> <li>• Windows Server 2016</li> </ul>

## Requirement

## Details

- Windows Server 2012 R2
- Windows Server 2012

### 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.

### Windows operating systems

- 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:
  - 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

## Additional Software

### Linux operating systems

- NTP Client
- Mono 5.14 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 5: Application Server Minimum requirements**

<b>Requirement</b>	<b>Details</b>
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"><li>• Windows Server 2022</li><li>• Windows Server 2019</li><li>• Windows Server 2016</li><li>• Windows Server 2012 R2</li><li>• Windows Server 2012</li></ul>
	Linux operating systems <ul style="list-style-type: none"><li>• 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.</li></ul>
Additional Software	Windows operating systems <ul style="list-style-type: none"><li>• Microsoft .NET Framework version 4.8 or later</li><li>• 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"><li>• Web Server &gt; Common HTTP Features &gt; Static Content</li><li>• Web Server &gt; Common HTTP Features &gt; Default Document</li><li>• Web Server &gt; Application Development &gt; ASP.NET</li><li>• Web Server &gt; Application Development &gt; .NET Extensibility</li><li>• Web Server &gt; Application Development &gt; ISAPI Extensions</li><li>• Web Server &gt; Application Development &gt; ISAPI Filters</li><li>• Web Server &gt; Security &gt; Basic Authentication</li><li>• Web Server &gt; Security &gt; Windows Authentication</li><li>• Web Server &gt; Performance &gt; Static Content Compression</li><li>• Web Server &gt; Performance &gt; Dynamic Content Compression</li></ul></li></ul>
	Linux operating systems <ul style="list-style-type: none"><li>• NTP Client</li><li>• Mono 5.14 or later</li><li>• Apache HTTP Server 2.0 or 2.2 with following modules:<ul style="list-style-type: none"><li>• mod_mono</li><li>• rewrite</li><li>• ssl (optional)</li></ul></li></ul>

# Product licensing

Use of this software is governed by the Software Transaction Agreement found at [www.oneidentity.com/legal/sta.aspx](http://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 Cloud HR Systems module is similar to the procedures involved in installation of other One Identity Manager modules. For information on the installation of Cloud HR Systems 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 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/>.

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