

# One Identity Manager and Epic Integration 9.0

## Release Notes

**11 August 2022, 02:19**

This document provides information about the One Identity Manager and its connection with Healthcare systems.

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 Epic healthcare to One Identity Manager.
- Managing the data after the synchronization is completed from the Epic healthcare.
- Provisioning the data to Epic Healthcare.

## Supported platforms

EPC module can be configured on One Identity Manager 9.0.

**NOTE:** The System Requirements applicable to the One Identity Manager applies to Epic systems also.

# New features

New features from the integration of One Identity Manager and Epic Target system:

- An administrator of One Identity Manager can synchronize the data from Epic target system into the One Identity Manager.
- An administrator of One Identity Manager can create, update and delete an EPCUser through One Identity Manager using the EPC module which will be provisioned to target system.
- An administrator of One Identity Manager can assign EmpTemplate, SubTemplate External Identifiers, Identity ID and Managers to an EPC User which will be provisioned to target system.
- An administrator of One Identity Manager can synchronize and provision the link between Epic EMP and SER records.

# Enhancements

The following is a list of enhancements implemented in EPC Module 9.0.

**Table 1: General enhancements**

| <b>Enhancement</b>   | <b>Issue ID</b> |
|--|-----------------|
| The EPCUserDemographics outstanding objects can now be pushed in to the target Epic system | 293656          |

# Resolved issues

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

**Table 2: Resolved issues**

| <b>Resolved Issue</b>   | <b>Issue ID</b> |
|---|-----------------|
| Unable to delete EPCUser account when there are associated child records such as ExternalID, IdentityID | 292835          |
| EPCUser single object synchronization does not synchronize user demographics                            | 293633          |

| Resolved Issue  | Issue ID |
|---|----------|
| EPCUserIdentityID delete event process chain not required since target Epic system does not support removal of Identity IDs | 293653   |
| EMPTemplate assignment to the Epic EMP User fails, when a new row is inserted via security Matrix                           | 261176   |
| EMPTemplate and SubTemplate Category Drop Down option is not enabled  | 260894   |
| EPCUser table missing read permission for users, not allowing users to view the EPIC account.                               | 259867   |

## 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: Known issues**

| Known Issue   | Issue ID |
|---|----------|
| F1 help does not load when you click the <b>Overview</b> form for the first time.<br>Workaround: Click any of the master data forms before you open F1 help for <b>Overview</b> form. | 256688   |

## 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 4: Database Server Minimum requirements**

| Requirement        | Details  |
|--------------------|--|
| Processor          | 8 physical cores with 2.5 GHz+ frequency (non-production)<br>16 physical cores with 2.5 GHz+ frequency (production)<br><b>NOTE:</b> 16 physical cores are recommended on the grounds of performance.   |
| Memory             | 16 GB+ RAM (non-production)<br>64 GB+ RAM (production)   |
| Hard drive storage | 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<br/><b>NOTE:</b> The cumulative update 2 for SQL Server 2019 is not supported.<br/><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</li></ul></li></ul> |

| Requirement | Details  |
|-------------|--|
|             | databases: SQL Server 2017 (140) <ul style="list-style-type: none"> <li>• Default sort schema: case-insensitive, SQL_Latin1_General_CP1_CI_AS (Recommended)</li> <li>• SQL Server Management Studio (recommended)</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 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 5: 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<br>Following versions are supported: |

| Requirement         | Details  |
|---------------------|--|
|                     | <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> <p>Linux operating systems</p> <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> |
| Additional Software | <p>Windows operating systems</p> <ul style="list-style-type: none"> <li>Microsoft .NET Framework version 4.7.2 or later</li> </ul> <p><b>NOTE:</b> Take the target system manufacturer's recommendations for connecting the target system into account.</p> <p><b>Linux operating systems</b></p> <ul style="list-style-type: none"> <li>Mono 5.14 or later</li> </ul>                     |

## Minimum requirements for clients

**Table 6: Client Minimum requirements**

| Requirement         | Details   |
|---------------------|---|
| Processor           | 4 physical cores with 2.5 GHz   |
| Memory              | 4 GB+ RAM   |
| Free disk space     | 1 GB  |
| Operating system    | <p><b>Windows operating systems</b></p> <ul style="list-style-type: none"> <li>Windows 11 (x64)</li> <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> </ul> |
| Additional Software | <p><b>Windows operating systems</b></p> <ul style="list-style-type: none"> <li>Microsoft .NET Framework version 4.8 or later</li> <li>Microsoft Edge WebView2</li> </ul>  |
| Supported browsers  | <ul style="list-style-type: none"> <li>Firefox (release channel)</li> <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 7: Web Server Minimum requirements**

| Requirement         | Details  |
|---------------------|--|
| Processor           | 4 physical cores 1.65 GHz+   |
| Memory              | 4 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 4.7.2 or later</li><li>Microsoft Internet Information Service 10 or 8.5 or 8 or 7.5 or 7 with ASP.NET 4.7.2 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></ul></li></ul> |

| Requirement | Details |
|-------------|---------|
|-------------|---------|

- Web Server > Performance > Static Content Compression
- Web Server > Performance > Dynamic Content Compression

**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 8: 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"><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> |



| Requirement         | Details   |
|---------------------|---|
| Additional Software | <p data-bbox="443 271 817 300">Windows operating systems</p> <ul data-bbox="491 322 1380 1055" style="list-style-type: none"> <li data-bbox="491 322 1141 351">• Microsoft .NET Framework version 4.8 or later</li> <li data-bbox="491 374 1380 434">• Microsoft Internet Information Service 10 or 8.5 or 8 or 7.5 or 7 with ASP.NET 4.8 and Role Services: <ul data-bbox="571 456 1380 1055" style="list-style-type: none"> <li data-bbox="571 456 1348 486">• Web Server &gt; Common HTTP Features &gt; Static Content</li> <li data-bbox="571 508 1257 568">• Web Server &gt; Common HTTP Features &gt; Default Document</li> <li data-bbox="571 591 1284 620">• Web Server &gt; Application Development &gt; ASP.NET</li> <li data-bbox="571 642 1340 703">• Web Server &gt; Application Development &gt; .NET Extensibility</li> <li data-bbox="571 725 1246 786">• Web Server &gt; Application Development &gt; ISAPI Extensions</li> <li data-bbox="571 808 1340 837">• Web Server &gt; Application Development &gt; ISAPI Filters</li> <li data-bbox="571 860 1220 889">• Web Server &gt; Security &gt; Basic Authentication</li> <li data-bbox="571 911 1268 940">• Web Server &gt; Security &gt; Windows Authentication</li> <li data-bbox="571 963 1380 992">• Web Server &gt; Performance &gt; Static Content Compression</li> <li data-bbox="571 1014 1236 1075">• Web Server &gt; Performance &gt; Dynamic Content Compression</li> </ul> </li> </ul> <p data-bbox="443 1077 813 1106"><b>Linux operating systems</b></p> <ul data-bbox="491 1128 1257 1400" style="list-style-type: none"> <li data-bbox="491 1128 662 1158">• NTP Client</li> <li data-bbox="491 1180 766 1209">• Mono 5.14 or later</li> <li data-bbox="491 1232 1257 1261">• Apache HTTP Server 2.0 or 2.2 with following modules: <ul data-bbox="571 1283 778 1400" style="list-style-type: none"> <li data-bbox="571 1283 753 1312">• mod_mono</li> <li data-bbox="571 1335 702 1364">• rewrite</li> <li data-bbox="571 1386 778 1400">• 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 the EPC module is similar to the procedures involved in installation of other One Identity Manager modules. For information on the installation of EPC 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.