

One Identity Manager 8.0.3

Release Notes

March 2019

These release notes provide information about the One Identity Manager release. You will find all the modifications since One Identity Manager version 8.0.2 listed here.

One Identity Manager 8.0.3 is a patch release with better behavior. See [Enhancements](#) on page 2.

If you update a One Identity Manager version that is older than One Identity Manager 8.0.2, read the release notes from the previous versions as well. You will find the release notes and the release notes about additional modules based on One Identity Manager technology under [One Identity Manager Support](#).

For changes to the Web Designer and the Web Portal since the last version, see the document *Web Designer and Web Portal Changes*.

One Identity Manager documentation is available in both English and German. The following documents are only available in English:

- One Identity Manager Password Capture Agent Administration Guide
- One Identity Manager LDAP Connector for CA Top Secret Reference Guide
- One Identity Manager LDAP Connector for IBM RACF Reference Guide
- One Identity Manager LDAP Connector for IBM AS/400 Reference Guide
- One Identity Manager LDAP Connector for CA ACF2 Reference Guide
- One Identity Manager REST API Reference Guide
- One Identity Manager Web Runtime Documentation
- One Identity Manager Object Layer Documentation
- One Identity Manager Composition API Object Model Documentation

About One Identity Manager 8.0.3

One Identity Manager simplifies the process of managing user identities, access permissions and security policies. You allow the company control over identity management and access decisions whilst the IT team can focus on their core competence.

With this product, you can:

- Implement group management using self service and attestation for Active Directory with the One Identity Manager Active Directory Edition
- Realize Access Governance demands cross-platform within your entire concern with One Identity Manager

Each one of these scenario specific products is based on an automation-optimized architecture that addresses major identity and access management challenges at a fraction of the complexity, time, or expense of "traditional" solutions.

Enhancements

The following is a list of enhancements implemented in One Identity Manager 8.0.3.

Table 1: General

Enhancement	Issue ID
The connection server already provided for transferring data to a One Identity Manager History Database is now used. To use this function, enable the configuration parameter HDB UseNamedLinkedServer in the One Identity Manager History Database and enter the connection server in the One Identity Manager History Database as server for the source database.	30028
Improved logging of error messages when transferring data to the One Identity Manager History Database.	30165
Improved performance when updating the One Identity Manager database.	30292
Improvements in the application server <ul style="list-style-type: none">• Improved protection of the application server's API.• Improved logging in the application server.• Improved validation of application server connections.	30618, 30315, 31299, 31300
Improved performance in DBQueue Processor.	30626, 30763, 31293
The script VID_FindAndReplaceByLine has been deleted.	30632

Enhancement	Issue ID
Improved execution of templates through One Identity Manager Service.	30730
Improved logging in the process component MailComponent.	31043
Improvements in the Job Queue Info. <ul style="list-style-type: none"> If the DBQueue contains more than 250000 calculation tasks, the operation There are more tasks to be processed is displayed in the DBQueue. This shows the number of queued tasks that cannot currently be shown in the DBQueue overview. 	31140
The process component HandleObjectComponent's process tasks have been extended by an optional parameter ProcID for passing the GenProcID. <p>i NOTE: The default processes have been modified. You must manually modify your custom processes as required.</p>	30323
Improved indexing of the search index. You can use the configuration parameters Common Indexing BatchSize and Common Indexing Interval to configure the search index.	30436
Improved logging of terminated DBQueue slots.	30289
Improved protection against damaging SQL statements.	31299, 31301
Improved performance checking columns in the QBMUniqueGroup table that must be unique by definition.	31263

Table 2: General web applications

Enhancement	Issue ID
Improved performance in the Web Portal for <ul style="list-style-type: none"> Displaying request awaiting approval and the request history Editing questions about attestation cases Determining an employee's entitlements Approving requests Determining responsibilities 	30470, 30471, 30673, 30863, 30875, 31192, 31057
Improved logging if the search index cannot be opened.	30013
In Web Designer, a new property Do not show grid menu has been added to the Grid node type.	29939
Improved accessibility and high contrast displays.	797316

Table 3: Target system connection

Enhancement	Issue ID
Improved performance for individual provisioning of memberships and for synchronization.	30667, 30864, 30892, 30922
Optimization of data throughput during provisioning if an application server is used.	27347
New consistency check to determine if start up configurations that have been grouped together in a start group use the same schedule.	30780
The configuration parameter Target system AzureAD is a preprocessor configuration parameter.	30485
Improved performance calculating Azure Active Directory group memberships.	30702
In synchronization projects with the SCIM connector, you can configure the use of local cache. A patch with the patch ID VPR#30497 is available for synchronization projects.	30497
When a mailbox is enabled, there is a test to check whether a remote mailbox or an e-mail user already exists for the given Active Directory account.	31126
Remote mailboxes with the mailbox type Remote shared mailbox can be created.	30252
Improved performance synchronizing Microsoft Exchange recipient lists.	31163
Option to redefine structural classes as auxiliary classes in the LDAP connector.	20824
Spaces in distinguished names of LDAP objects are tolerated.	30542, 30543
Automatic partitioned search for LDAP server with Oracle Directory Server Enterprise Edition (ODSEE) is no longer supported. The partitioned search can be configured in the system connection wizard. To do this, select the object class nsUniqueId on the Options for partitioned search page and use the characters ABCDEF0123456789 .	30733
When adding Notes mailbox files, you can set an access step for the owner. The configuration parameter TargetSystem NDO Accounts MailFileAccessRole specifies which access steps are passed by default. A patch with the patch ID VPR#30313 is available for synchronization projects.	30313
Improved performance	30658, 30895

Enhancement	Issue ID
<ul style="list-style-type: none"> Provisioning Notes objects Synchronizing Notes group memberships 	
The process function RunAgent of the process component NDO Component has been extended by additional parameters of type IN and OUT .	30856
Property mapping rules that are no longer required are removed from the OwaMailboxPolicy map. A patch with the patch ID VPR#30498 is available for synchronization projects.	30498
Booking permissions for Exchange Online room and equipment mailboxes can now be granted for dynamic distribution groups, mail-enabled distribution groups and Office 365 groups. A patch with the patch ID VPR#30588 is available for synchronization projects.	30588
Improved performance synchronizing Exchange Online recipient lists.	30959, 31162
In the Exchange Online connector, the list of error messages has been extended based on the assumption that the connection failed, by: An error caused a change in the current set of domain controllers. Your request is too frequent. Please wait for few minutes and retry. Topology Provider could not find the Microsoft Exchange Active Directory Topology service on end point.	31168
The configuration parameter Target system SharePoint Online is a preprocessor configuration parameter.	30486
The communications timeout between SharePoint connector and target system has been increased to 24 hours.	30804
Improved performance <ul style="list-style-type: none"> Calculating SAP functions Calculating SAP group, role and profile hierarchies. Synchronizing role assignments with the central system of a CUA (UserInCUARole) A patch with the patch ID VPR#30941 is available for synchronization projects.	30299, 30743, 30675, 30941
The configuration parameter TargetSystem SAPR3 Accounts CalculateLicence can be used to specify whether to calculate SAP system measurement for SAP user accounts.	31204
Corrected the SAP_PersonAuto_Mapping_SAPUser script. The configuration	31226

Enhancement	Issue ID
parameter TargetSystem SAPR3 AutoCreateDepartment has been readded and is used in the script. The configuration parameter must be disabled when personnel planning data from a SAP HCM system is being synchronized.	
The <code>SAPUser.FullName</code> template has been adjusted to fit the format of FULLNAME in SAP R/3 systems.	31229
If a dropped connection is identified in a Windows PowerShell connector, the error message for the exception that caused it is outputted by NLog on each reconnection attempt.	31164
The Oracle Database Edition can be selected when setting up synchronization for E-Business Suite. The Edition can be changed in the connection parameters at any time. A patch with the patch ID VPR#30464 is available for synchronization projects.	30464
The G Suite connector uses Google.Apis version 1.37.0.	30979
The <code>CommandTimeout</code> has been increased to 7200 seconds for the native database connector.	30202

Table 4: Identity and Access Governance

Enhancement	Issue ID
You can configure which methods are applied to a request if the requested assignment has to be removed because the attestation case was not approved. New configuration parameter: QER Attestation AutoRemovalScope PWOMethodName	30581
The approval procedure OA can also be used to determine an attessor if system entitlement assignments to user accounts or system role assignments to employees are attested.	30636
Improved performance finding owners of system entitlements.	30223
If the option Temporarily disabled is not set for an employee and the date for Temporarily disabled from is in the future, the date for Temporarily disabled from and Temporarily disabled until are not deleted.	30344
Improved performance handling request processes.	30990, 31341

See also:

- [Schema changes](#) on page 27
- [Patches for synchronization projects](#) on page 29

Resolved issues

The following is a list of solved problems in this version.

Table 5: General

Resolved issue	Issue ID
Populating raw tables fails if process views with identical process group IDs exist in the One Identity Manager and the History Database as well.	27846
The One Identity Manager History Service and the One Identity Manager Service are both installed when the One Identity Manager History Database is installed. To correct the problem, the HDBService.exe file has been removed. The installation of the History Database service will now be carried out by the viNetworkService.exe.	28058
<p>i IMPORTANT: If you are affected by this problem, uninstall the One Identity Manager History Service before updating your One Identity Manager History Database. Run the following command as administrator:</p> <pre>sc delete "HDBService"</pre>	
Error filling raw tables if the One Identity Manager database and the History Database are installed in the same cluster.	30455
SHA256.Create() end with an error if FIPS mode is enabled but only if using versions of Microsoft .NET Framework older than 4.6.2.	30290
Error message calling Quantum.MigratorCmd.exe with the operation DUMP.	30305
Ctrl+C does not copy the selected value in the Process step view in Job Queue Info.	30343
The script for selecting the server in a process step (Job.ServerDetectScript) is not implicitly extended by a Try-Catch-Block.	30347
Bulk operations are obstructed from delivering process steps by entries in the QBMElementAffectedByJob table.	30362
If an object column and another column in the table QBMColumnTranslation are interrelated, the program exits because it cannot load these objects.	30380
Compilation fails if the process or process step contains quotation marks (") in names.	30403
Error logging in through an application server if the user is working with Turkish language settings.	30445

Resolved issue	Issue ID
Error installing the application server if an existing application pool is in use and it is running under a dedicated user.	31403
Session ID in the application server can be reused.	31299, 31306
<p>i NOTE: Now the session ID is not reused, by default.</p> <p>You can configure reuse of the session ID. In the application server's configuration file (<code>web.config</code>), a new parameter <code>allowsessionidreuse</code> has been added to the section <code>server</code>. The modification only affects new installations. Existing installations are not changed.</p> <p>To allow reuse of session IDs:</p> <ul style="list-style-type: none"> For new installations: uncomment the parameter in the application server's <code>web.config</code>. For the existing installation: add the following to the <code>server</code> section of the application server's <code>web.config</code> <pre><add key="allowsessionidreuse" value="true" /></pre>	
Under certain conditions, the database ends up in a trigger-free state if transport fails.	30459, 30447
Performance problems determining permissions.	30471
Wrong name of state "Newfoundland and Labrador".	30484
After extending the schema of custom read-only tables, new columns with the option Customer can configure are set to the value 0 .	30491
Error in the method <code>SqlFormatter.NotInClause</code> .	30505
Problems initializing the Job queue if a large number of queues are affected.	30539
The physical dependency between DBQueue Processor tasks does not consider tasks without parameters.	30573
Terminated slots are identified correctly if the SQL Server reuses the SPID.	30584
The procedures for shrinking the entries in the tables <code>DialogWatchOperation</code> , <code>JobHistory</code> and <code>DialogProcessChain</code> do not shrink in blocks.	30604
Timestamps on changes made in the database in Designer are shown in UTC.	30610
Triggers are not generated for DBQueue Processor tasks that record changes to configuration data.	30646
Migration does not remove non-linear dependencies correctly.	30693
In reports, IN clause queries on <code>UID</code> and <code>XObjectKey</code> columns are listed with Unicode strings.	30723

Resolved issue	Issue ID
The limit for IN clause in report queries is not kept to correctly.	30724
Error retrying process steps with the status MISSING .	30752
The procedure QBM_PCustomSQLFill fails with the message Violation of PRIMARY KEY constraint.	30753
There is a new consistency check Index name longer than 30 characters .	
The customizer method getNextID fails when executed in Designer.	30786
Relaying processes is being blocked because the procedure QBM_PJobUpdateState is being called to frequently.	30798
Custom columns are not taken into account by auto-completion if script code is entered.	30805
If a process step is copied in the Process Editor, the priority definition (Job.PriorityDefinition) is not copied at the same time.	30903
If a Job destination ID contains a special character, the links on the One Identity Manager Service status page do not work.	30924
Job Queue Info ends unexpectedly, if there is a filter on the system journal and it returns a lot of entries.	30928
Error in process tracking (NullReferenceException).	30978
The procedure ProcessShrink leaves behind entries with BasisObjectType=<unknown Object> in the DialogProcess table.	31007
The state of Florida has the wrong timezone.	31089
Problem determining the resulting permissions filter for objects.	31110
The One Identity Manager Service returns the process steps but the slots remain blocked.	31055
Error installing a search index in the application server in the Docker container.	30340
Error testing email addresses for uniqueness, if an email address was recalculated with a template but the old and the new values are identical.	30300
Problem opening Language Editor in Designer if very large tables are loaded for translation.	30319
The function QBM_FSQRemoveComment does not recognize Linux carriage return.	30342
The procedure QBM_PDBQueueOverviewFill updated the table DBQueueOverview too frequently.	30800, 31217, 31296

Resolved issue	Issue ID
Error in the German translation of entries in the DBQueueTasks table.	31117
Incorrect values in DialogCountry.NumericCode.	31352

Table 6: General web applications

Resolved issue	Issue ID
Error logging in to the Password Reset Portal again if the portal was not in use in the meantime.	30423
An employee can request membership in a specific business role.	30194
Incorrect where clauses are generated while index searching in many-to-many tables.	30679
Wrong display names for DialogSchedule.LastRun and DialogSchedule.NextRun in the Schedule Editor.	30687
Unsubscribed assignment requests are shown in the request history, although the option Canceled or denied or dismissed is not set.	30726
A request for a default service item New Active Directory security group cannot be approved.	30837
Mandatory fields for attestation cases are not checked when queried.	30862
In the Web Portal, the character sets are not translated in the password policy tip.	30960
Although the option Display file content in browser whenever possible is set to False for downloading a file, the file content is still shown in the browser.	30404
Mapped functions in Web Designer are ignored if a parameter is defined.	30443
It is possible to request something without filling out mandatory properties.	30414
If a pending request is exported and an approval decision about this pending request is made, an error occurs.	30463
In the approval history, requests are not displayed as long as one parent request has not been approved.	30608
Error if the Manager web application is called by a Load Balancer.	31064

Resolved issue**Issue ID**

i **NOTE:** By default, use of SameOrigin is enabled because it concerns a security function. Use of the SameOrigin Policy can now be optionally disabled.

To do this, you must add the following entry in the Manager web application's configuration file (web.config) in the section application.

```
<application>
...
<add key="DoNotApplySameOriginPolicy" value="True" />
...
</application>
```

In the Web Portal's configuration file (web.config), the URL /AE.axd is still declared.

31299,
31302

The handler AE.axd for session information has been removed from the Web Portal's configuration file (web.config). Therefore, the handler is not included when Web Portal is installed. Any existing Web Portal installations are not affected by this change.

i **NOTE:** If you still require the handler and want to include it again, enter the following lines in the Web Portal's configuration file (web.config):

In the section system.web\httpHandlers:

```
<add verb="GET" path="AE.axd"
type="VI.WebRuntime.Communication.ControllerRequestHandler,
VI.WebRuntime" />
```

In the section system.webServer\httpHandlers:

```
<add name="AE.axd_GET" path="AE.axd" verb="GET"
type="VI.WebRuntime.Communication.ControllerRequestHandler,
VI.WebRuntime" />
```

The Windows performance monitor does not show a value in the Web Portal performance indicator.

30699

If you violate the password policy whilst change a password, an error message is displayed instead of the password policy.

30389

Some time data is only shown in English in the Web Portal.

31094

The filter settings for date columns are only available in English in the Web Portal.

31118

When a report is exported, the default template and not the custom template is used.

31231

Resolved issue	Issue ID
In Web Portal, if a menu item forwards to an external URL and has the options Open in new frame and Show toolbars , the toolbar is not displayed in the popup window.	31384

Table 7: Target system connection

Resolved issue	Issue ID
If changes are made to group properties, too many post-processing tasks are queued in the DBQueue.	30076
Error opening master data form of object from custom target system if custom columns are displayed.	30336
Error in provisioning when decoding XML strings.	30525
Simulation results do not contain enough information.	30550
Provisioning tasks for group memberships are grouped under the wrong GenprocID.	30565
A maximum of 1024 modified memberships per group can be provisioned.	30597
Too many columns are loaded for resolving a reference.	30600
Running a clean up of the DPRMembershipAction table deletes entries that are still required.	30603
Synchronization deletes One Identity Manager database objects that are not unique in the target system.	30715
Processing of target system specific tasks in the DBQueue is blocked if this target system is being synchronized at the same time.	30773
Provisioning of group memberships fails if a referenced object is not found.	30787
One Identity Manager uses the wrong mapping to provision memberships.	31024
Updating the schema or transporting a synchronization project removes the quota definition.	31098
Post-processing tasks for outstanding objects that have been deferred, are not executed.	31180
If patches are being applied and the database has encrypted connection data, the connection dialog for entering the data, opens in the background.	30162
In Manager, changes to the value of IT operating data cannot be saved.	30295, 30746
The synchronization log includes objects that the Update method has been applied to although the objects were not changed.	31307

Resolved issue	Issue ID
The settings in a hierarchy filter that has been converted into a variable, are removed from the Synchronization Editor if the target system connection cannot be established.	30391
Files in the synchronization user's temporary directory are not deleted.	30396
Error reading data from columns with data type varbinary if these are used as a primary key or part of one.	30474
Error loading synchronization projects.	30503
The variable set loads too late when synchronization starts.	31152
Error converting Json data with the data type Integer or Float.	30536
Incorrect handling of trusted domains in Active Directory synchronization projects. The project template has been corrected. A patch with the patch ID VPR#30192 is available for synchronization projects.	30192
Cross domain memberships are not deleted during provisioning.	30256
Active Directory group memberships are not provisioned if the object SID for the user account is missing.	30509
Error processing unresolvable keys during Active Directory synchronization.	30552, 30811
Deleted values in the columns HomeDirectory and ProfilePath in Active Directory user accounts cannot be provisioned.	30561
Error calculating Active Directory group memberships if the user account's primary group has been changed.	30826
Objects that are added and provisioned in the One Identity Manager database while synchronization is running are duplicated in the database.	30957
Error synchronizing the Active Directory user account schema properties ObjectKeyManager and Secretary. Synchronization quits although the option Continue on error is set.	30967
Timeout during synchronization of Azure Active Directory group memberships.	31051
Global catalogs should be initialized when the first necessary access is made and not whilst establishing the connection to Active Directory.	31178
If a Microsoft Exchange address list is marked as outstanding, the associated address book entries are not marked as outstanding.	30400
Error deleting outstanding Microsoft Exchange address book entries.	30401
If a Microsoft Exchange mailbox database is marked as outstanding, its server assignments are not marked as outstanding.	30466

Resolved issue	Issue ID
Error provisioning deleted Microsoft Exchange mailboxes if deferred deletion is configured.	30807
Loading Microsoft Exchange data availability groups fails if all the servers involved are shut down.	31131
Error provisioning Exchange Online mailboxes. A patch with the patch ID VPR#31269 is available for synchronization projects.	31269
The process for provisioning memberships in E-Business Suite authorizations are repeatedly inserted in the Job queue if the user account's ID (column UserID) is not set.	30349
Error setting up synchronization with an LDAP directory if an AttributeType is returned in quotes in the server schema.	30366, 30337
The canonical name of LDAP objects are not formed automatically if the synchronization type is changed from No synchronization to One Identity Manager .	30398
Error setting up synchronization with IBM Notes if the connection to the Domino server is tested.	30427
Synchronization quits if the FullName of a Notes document cannot be loaded.	30691
The person document of a new Notes user account does not appear in the address book's default view.	30814
Error synchronizing Notes templates.	30907
Error renaming a Notes user account if an organization unit is assigned to it.	30953
Flag Behavior inconsistent when handling SAPComPhone.PhoneType.	29725
When adding SAP user account with parameters, email addresses, telephone and fax numbers, distinguished names (such as SAPComPhone.DistinguishedName) are not formatted.	30356
Too many post-processing tasks are sent to the DBQueue if changes are made to SAP user accounts.	30361
The Synchronization Editor provides incorrect data for managers of organizational units from SAP HCM systems.	30121
Structural profiles without a function code are not loaded.	30177
The Insert event is not triggered for tasks in the HelperSAPUserInSAPRole table.	30367
SAP role assignments to SAP user accounts are provisioned, although the associated categories do not match.	30386
If several changes are made to an employee's central password in quick	30420

Resolved issue	Issue ID
succession, by the Password Capture Agent for example, only the first change is made to the SAP user accounts.	
Company assignment of SAP user accounts is not provisioned in the target system. A patch with the patch ID VPR#30453 is available for synchronization projects	30453
Error synchronizing company data (table Company).	30557
Superfluous process step in the process SAPUserInSAPRole_Delete.	31235
Error loading SAP user account if the name begins with a space character.	31329
Error loading single objects for schema types that are provided by a schema extension file.	30653, 30701
Executable SAP transactions are not calculated correctly for SAP user accounts.	30718
Error calculating role assignments (table SAPUserInSAPRole).	30797, 31149
Error in provisioning if the option Set effective password in Manager for a user account with the type Service or System has been set.	30952, 30956
Wrong templates for columns SAPComPhone.PhoneNumber and SAPComFax.FaxNumber.	31105
Provisioning licenses of centrally administered user accounts failed.	31078
In Manager, under Target system synchronization: SAP R/3 , departments and employees are shown that do not come from SAP.	31086
The connectors Microsoft Exchange, Exchange Online and Windows PowerShell only use one revision counter even if several schema properties per schema type are flagged as revision counters. In synchronization projects that use the Windows PowerShell Connector, the target system schema must be reloaded to use more revision counters. In synchronization projects for Microsoft Exchange and Exchange Online, a patch with the patch ID VPR#31026 is provided.	31026
An Out-Of-Memory exception occurs while determining managers for email users and email contacts in large Exchange Online systems.	31087
The synchronization user's password for Exchange Online is written unencrypted to the log files.	31112
The native database connector does not delete group memberships in the target system if provisioning is carried out by an application server.	30659

Resolved issue	Issue ID
During synchronization of the native database connector, objects are marked as changed although they have not been changed.	30840
Spaces in schema property names that are flagged as revision counters, are not masked in the native database connector.	30901
Error deleting group memberships with the SCIM connector.	30710
Cloud application group memberships are incorrectly resolved if the schema property <code>members~type</code> does not contain a value.	31187
Error using the Remote Connection Plugin if NTLM authentication is disabled.	31142
<p>i NOTE: To correct the problem, a section <code>SynchronizationEditor.exe.config</code>) to configure usage of principle names. This modification only affects new installations. Existing installations are not changed.</p> <p>For existing installations: If you are affected by the problem, enter the following in the <code>SynchronizationEditor.exe.config</code> file:</p> <pre data-bbox="269 907 1235 1417"> <configSections> ... <section name="remoting" type="System.Configuration.NameValueSectionHandler" /> ... </configSections> <remoting> <add key="EndpointIdentity.Type" value="" /> <!-- DNS for Domain, UPN for UserPrincipalName, SPN for ServicePrincipalName --> <add key="EndpointIdentity.Value" value="" /> </remoting> </pre>	
Error adding a group based SharePoint Online user account.	30729
A patch with the patch ID VPR# 30729 is available for synchronization projects	
In the process of adding a new Windows PowerShell connection, the consistency check does not notice if a schema class does not have a unique key.	31324

Table 8: Identity and Access Governance

Resolved issue	Issue ID
Attestations are discontinued with the reason "No approver available" even though an approver is available.	30408
If an approval workflow is waiting for external approval and the approval step EX is reached for a different attestation object, the external approval process is restarted for all pending objects.	30965
Under certain circumstances, the Customizer method CreateAttestations blocks DBQueue processing.	31016, 31370
Error deleting attestation cases.	31092
Disabling attestation policies does not delete the associated attestation cases.	31141
In email notifications to attestors, the pictures defined in custom mail templates are not shown.	31151
Service items cannot be added as products in the IT Shop if their identifier is longer than 128 characters.	30399
In the approval sequence, the time is shown as UTC time.	30483
The script VI_BuildITShopLink_Unsubscribe creates a wrong link.	30531
Membership in a role cannot be delegated if the recipient of the delegation is already a member of this role.	30549
If a company resource is assigned by a limited period request and an unlimited period request at the same time and the limit period request expires, the company resource is removed although a valid, unlimited request still exists.	30697
The column templates ShoppingCartItem.ObjectKeyAssignment, DisplayObjectKeyAssignment and PersonWantsOrg.DisplayObjectKeyAssignment cannot be overwritten.	30766
Manager freezes when an approval workflow is copied.	30833
Initial login data is sent to the wrong employee when user accounts are requested in the IT Shop.	31014
Closed requests are not deleted, although the retention period must have expired.	31068
The DBQueue Processor checks automatic approval for requests that are already approved but not yet assigned (OrderState = 'Granted').	31076
Incorrect testing of whether a company resource has already been assigned if the option Only for use in IT Shop is set.	31116
If an object assignment that was generated through an exception approval, is	30213

Resolved issue	Issue ID
removed at a later date, the rule violation is not removed.	
Ad-hoc rule checking does not create processing tasks for recalculating rule violations and for calculating the affected employee group. This means the affected employees may not be calculated correctly.	30281
If a disabled compliance rule is deleted, the associated rule violation is not deleted.	30585
Calculating rule violations also calculates disabled rules.	30728
Error calculating compliance after updating the One Identity Manager database if only modules that are not dependent on the Compliance Rules Module are selected.	30905
A request for an assignment resource by reference user does not use the approval policy that was used for the reference user.	31234
In Manager, the Change security question task can also be displayed even though the logged in user does not have the required permissions.	30287
Display error in the filter designer if multiple items are selected from a menu.	30668
In the Show Entitlements Origin report, SAP roles and BI analysis authorizations that are inherited through system roles are missing.	30291
Error assigning an object from a custom table to a system role.	30465
As from version 7.1.2, company resource assignments of child system roles are not mapped in the table EsetHasEntitlement. However, by updating the One Identity Manager database to version 7.1.2 or later, assignments to child system roles are not removed from the table EsetHasEntitlement.	30614
If a simple report is generated in CSV format, an empty report is created.	31073
Error displaying the Employee Access Overview at specific point in time report.	30859
Missing risk indexes for system roles.	31337

Table 9: IT Service Management

Resolved issue	Issue ID
Unsuitable sorting of call result lists.	31392

See also:

- [Schema changes](#) on page 27
- [Patches for synchronization projects](#) on page 29

Known issues

The following is a list of issues known to exist at the time of release of One Identity Manager.

Table 10: General known issues

Known Issue	Issue ID
If you connect to a database with the Database Compiler, the task QBM-K-CommonWaitForCompiler is immediately queued in the DBQueue. If Database Compiler ends without compiling the database, the task remains in the DBQueue.	23049, 24713
Error in the Report Editor if columns are used that are defined in the Report Editor as keywords. Workaround: Create the data query as SQL query and use aliases for the affected columns.	23521
Errors may occur if the Web Installer is started in several instances at the same time.	24198
Headers in reports saved as CSV do not contain corresponding names.	24657
Number of parameter pairs ParamName/ParamValue in the MailComponent's process task SendRichMail is not always sufficient. 10 parameter pairs are available by default. If this number is not sufficient, you can add additional custom process parameters, which Process Editor can then use as parameters. This function is available as from One Identity Manager version 7.0.	25164
In certain circumstances, objects can be in an inconsistent state after simulation in the Manager. If an object is changed or saved during simulation and the simulation is finished, the object remains in the final simulated state. It may not be possible to save other modifications to this object instance. Solution: Reload the object after completing simulation.	12753
Invalid module combinations can be selected in the Configuration Wizard. This causes errors at the start of the schema installation. Cause: The Configuration Wizard was started directly. Solution: Always use autorun.exe for installing One Identity Manager components. This ensures that you do not select any invalid modules.	25315
Schema extensions on a database view of type View (for example Department) with a foreign key relation to a base table column (for example BaseTree) or a database view of type View are not permitted.	27203
Error connecting through an application server if the certificate's private key,	27793

Known Issue**Issue ID**

used by the VI.DB to try and encrypt its session data, cannot be exported and the private key is therefore not available to the VI.DB.

Solution: Mark the private key as exportable if exporting or importing the certificate.

If a One Identity Manager database is operating in a cluster, the database is restored from a backup after a cluster failover. A new database ID is created in the process. This step cannot be missed out anymore otherwise the database cannot be compiled. 28373

Error resolving events on a view that does not have a UID column as a primary key. 29535

Primary keys for objects in the One Identity Manager always consist of one, or in the case of M:N tables, two UID columns. This is a rudimentary basic functionality in the system.

The definition of a view that uses the XObjectKey as primary key, is not permitted and would result in more errors in a lot of other places.

The consistency check **Table of type U or R with wrong PK definition** is provided for testing the schema.

The default setting of globallog.config assumes that write access exists for %localappdata%. If an EXE does not have sufficient permissions, the log can be written to a directory that does have the access rights by changing the variable logBaseDir in the globallog.config or by introducing a special log configuration in the *.exe.config or the Web.config file. 30048

The One Identity Manager Service only logs messages in the event log **Application**, by default. 30540

Cause: To add an event log with another name, you require administrator permissions on the Job server.

Solution:

1. Add the file that the One Identity Manager Service should write to manually on the Job server. You can use Windows PowerShell, for example, to do this.
 - a. Run Windows PowerShell as administrator on the Job server.
 - b. Run the following CmdLet:

```
New-EventLog -Source "Foobar" -LogName "<file name>"
```
2. Enter this file name in the One Identity Manager Service's configuration file as the name for the event log in the module Logwriter .
3. Restart the computer.
4. Restart the One Identity Manager Service.

Known Issue	Issue ID
The configuration parameter QER ITShop LimitOfNodeCheck specifies how many product nodes are deleted in one DBQueue Processor run if large numbers of products in the IT Shop are deleted through automatic processes. By default, 500 objects are processed in one run. Set the value lower if there are performance problems while executing the task QER-K-OrgAutoChild.	30657
Outstanding objects are ignored by inheritance calculation. This means, all memberships and assignments remain intact until the outstanding objects have been processed. Start target system synchronization to do this.	30909
If the One Identity Manager database is installed in an SQL cluster (High Availability Group) and the option DTC_SUPPORT = PER_DB is set, replication between the server is done by Distributed Transaction. The error, in case a Save Transaction is carried out is: Cannot use SAVE TRANSACTION within a distributed transaction. Solution: Disable the option DTC_SUPPORT = PER_DB.	30972

Table 11: General web applications

Known Issue	Issue ID
The error message This access control list is not in canonical form and therefore cannot be modified sometimes occurs when installing the Web Portal with the Web Installer. The error occurs frequently after a Windows 10 Anniversary Update. Solution: Change the permissions for the users on the web application's parent folder (by default C:\inetpub\wwwroot) and apply the changes. Then revoke the changes again.	26739
An empty page is displayed in the Internet Explorer if the Operations Support Web Portal is opened with the URL. The Operations Support Web Portal is supposed to be run on an intranet site and the setting Display intranet sites in Compatibility View is set on the web server. Solution: Extend the section <system.webServer> in the Web Portal's configuration file (web.config). Enter an attribute or compatibility mode. <system.webServer> ... <httpProtocol> <customHeaders>	750376

Known Issue	Issue ID
<pre> <add name="X-UA-Compatible" value="IE=11" /> ... </customHeaders> </httpProtocol> </system.webServer> </pre>	
<p>Target system synchronization does not show any information in the Manager web application.</p> <p>Workaround: Use Manager to run the target system synchronization.</p>	30271
<p>It is not possible to log out of the Web Portal using OAuth 2.0/OpenID Connect because it is rerouted to a false address.</p> <p>Cause: If, in the configuration parameter QER Person OAuthAuthenticator LogoutEndpoint, a URL without a parameter is given, the logout parameters are appended to the URL in the configuration parameter in a format incompatible with the browser.</p> <p>Solution: Add a dummy parameter to the URL in the configuration parameter, for example, instead of http://localhost/IdentityManager/logout use the value http://localhost/IdentityManager/logout?from=logout.</p>	30999
<p>The validity of a password, connecting the Password Reset Portal through the application server, is not tested until it is saved. The test script, invalid name components and the password history are not taken into account in the client-side test. A server-side test is done when the password is saved. Therefore, errors are not shown until the password is saved.</p>	31354

Table 12: Target system connection

Known Issue	Issue ID
<p>Memory leaks occur with Windows PowerShell connections, which use Import-PSSession internally.</p> <p>After synchronizing an SAP R/3 environment, assignments of single role to SAP user accounts are labeled as pending.</p> <p>This problem can occur if:</p> <ul style="list-style-type: none"> • SAP role assignments to user accounts were loaded in the One Identity Manager database before installing One Identity Manager 7.0.1 • Single role assignments, which are included in collective roles, were mapped as direct assignments (Error ID 3218196) <p>By resolving this problem in One Identity Manager 7.0.1, incorrect assignments are labeled as pending after synchronizing again using the</p>	23795

Known Issue	Issue ID
<p>appropriate synchronization configuration.</p> <p>Solution: Delete pending assignments in One Identity Manager target system synchronization.</p>	
<p>By default, the building block HR_ENTRY_DATE of an SAP HCM system cannot be called remotely.</p> <p>Solution: Make it possible to access the building block HR_ENTRY_DATE remotely in your SAP HCM system. Create a mapping for the schema property EntryDate in the Synchronization Editor.</p>	25401
<p>Any existing secondary SIP addresses are converted into primary email addresses when Microsoft Exchange mailboxes are added, providing that no primary SIP addresses were stored up to now.</p>	27042
<p>Error in IBM Notes connector (Error getting revision of schema type ((Server))).</p> <p>Probable cause: The IBM Notes environment was rebuilt or numerous entries have been made in the Domino Directory.</p> <p>Solution: Update the Domino Directory indexes manually in the IBM Notes environment.</p>	27126
<p>The SAP connector does not provide a schema property to establish whether a user has a productive password in SAP R/3.</p> <p>If this information is meant to be in One Identity Manager, extend the schema and the synchronization configuration.</p> <ul style="list-style-type: none"> • Add a custom column to the table SAPUser. • Extend the SAP schema in the synchronization project by a new schema type that supplies the required information. • Modify the synchronization configuration as required. 	27359
<p>No passwords can be provisioned when the bind method Fast Bind is in use in Active Directory. The SetPassword method is therefore not available.</p> <p>The process step AdhocProjection fails with the message:</p> <pre>[System.Runtime.InteropServices.COMException] Unknown name. (Exception from HRESULT: 0x80020006 (DISP_E_UNKNOWNAME)).</pre>	27427
<p>Synchronization projects for SAP R/3 that were imported by a transport into a One Identity Manager database, cannot be opened. The problem only occurs if an SAP R/3 synchronization project was not added in the target database before importing the transport package.</p> <p>Solution: Create and save at least one SAP R/3 synchronization project before you import SAP R/3 synchronization projects into this database with the</p>	27687

Known Issue**Issue ID**

Database Transporter.

If an Active Directory user account has the property MailNickName, an error occurs when the mailbox is enabled. 28820

[System.Management.Automation.ActionPreferenceStopException] The running command stopped because the preference variable "ErrorActionPreference" or common parameter is set to Stop: ExternalEmailAddress is mandatory on MailUser.

Cause: The property MailNickName is mapped in addition in the Active Directory mapping. This causes inconsistencies in the target system from the point the user accounts are added.

A user account of this kind appears in the Microsoft Exchange console as a mail user but without a target email address. An attempt to open this object causes an object corrupted error in Microsoft Exchange.

Solution: Clear up inconsistencies in the affected user accounts in Active Directory and correct your Active Directory mapping.

Error loading single objects with Windows PowerShell if the parameter Identity is used. The error can occur during provisioning of changes made to objects in Microsoft Exchange or Exchange Online, for example, and causes follow-on errors. 29152

Windows PowerShell connector's message: Command yielded <count> objects but only one was expected.

Cause: Multiple objects with the same name exist.

Certain data is not loaded during synchronization of SAP R/3 personnel planning data that will not come into effect until later. 29556

Cause: The function BAPI_EMPLOYEE_GETDATA is always executed with the current date. therefore, changes are taken into account on the exact day.

Solution: To synchronize personnel data in advance that will not come into effect later, use a schema extension and load the data from the table PA0001 directly.

Error synchronizing an OpenDJ system if a password begins with an open curly bracket. 29620

Cause: The LDAP server interprets a generated password of the form {<abc>}<def> as a hash value. However, the LDAP server does not allow hashed passwords to be passed.

Solution: The LDAP server can be configured so that a hashed password of the form {<algorithm>}hash can be passed.

- On the LDAP server: Allow already hashed passwords to be passed.

Known Issue	Issue ID
<ul style="list-style-type: none"> In the synchronization project: Only pass hashed passwords. Use the script properties for mapping schema properties that contain passwords. Create the password's hash value in the script. 	
<p>If an employee's central password is used as the password for their user accounts, the password is not transferred to the password history of each individual user account. Therefore, reuse of the password cannot be prevented if the password is changed manually later.</p> <p>Cause: An employee's central password is an encrypted value that can only be entered in the password history when it is assigned to an employee.</p> <p>Recommendation:</p> <ul style="list-style-type: none"> Only use the employee's central password for the user accounts. Changes to the password are saved in the employee's password history. - OR - Only make changes to the passwords directly in the user accounts. This saves the password modifications in the user account's password history. 	29605
<p>The Oracle E-Business Suite connector converts data with an unknown data type into strings and tries to write this value to the matching schema property in the One Identity Manager schema.</p>	30098
<p>If there are a large number of LDAP user accounts and LDAP groups in the database, provisioning might take a very long time. A message appears in the StdIO processor log(StdioProcessor.log) during the LDAP user account and LDAP groups update.</p> <pre>DEBUG (SystemObjectData <static>) : Creating SystemObjectData based on entity (%DisplayName% (%cn%)) columns (UID_LDAPAccount, UID_LDAPContainer, UID_LDPDomain, XObjectKey).</pre> <pre>TRACE (SchemaElement static) : %DisplayName% (%cn%)@LDAPAccount[].GetValue (vrtScopeParentReference) returns ...</pre> <pre>TRACE (SchemaElement static) : %DisplayName% (%cn%)@LDAPAccount[].GetValue (UID_LDAPContainer) returns ...</pre> <p>Cause: No reference scope is defined so that the default scope is used for resolving references. This causes too much data to be loaded from the database.</p> <p>Solution: Define an empty reference scope. This means that scopes are not calculated when references are resolved, which noticeably improves performance with larger amounts of data.</p>	30172
<p>Inconsistencies in SharePoint can cause errors by simply accessing a property. The error also appears if the affected schema properties mapping is disabled.</p>	31017

Known Issue	Issue ID
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Cause: The SharePoint connector loads all object properties into cache by default.

Solution:

- Correct the error in the target system.
- OR -
- Disable the cache in the file VI.Projector.SharePoint.<Version>.Host.exe.config.

Table 13: Third party contributions

Known Issue	Issue ID
An error can occur during synchronization of SharePoint websites under SharePoint 2010. The method SPWeb.FirstUniqueRoleDefinitionWeb() triggers an ArgumentException. For more information, see https://support.microsoft.com/en-us/kb/2863929 .	24626
Installing the One Identity Manager Service with the Server Installer on a Windows Server does not work if the setting File and Printer sharing is not set on the server. This option is not set on domain controllers on the grounds of security.	24784
An error, TNS-12516, TNS-12519 or ORA-12520, sporadically occurs when connecting with an Oracle Database. Reconnecting normally solves this. Possible cause: The number of processes started has reached the limit configured on the server.	27830
Valid CSS code causes an error under Mono if duplicate keys are used. For more information, see https://github.com/mono/mono/issues/7455 .	29607
Cannot navigate with mouse or arrow keys in a synchronization log with multiple pages. Cause: the StimulReport.Net-Komponente from Stimulsoft handles the report as one page.	29051
Memberships in Active Directory groups of type Universal in a subdomain are not removed from the target system if one of the following Windows updates is installed: <ul style="list-style-type: none"> • Windows Server 2016 : KB4462928 • Windows Server 2012 R2 : KB4462926, KB4462921 • Windows Server 2008 R2 : KB4462926 We do not know whether other Windows updates also cause this error.	30575

The Active Directory connector corrects this behavior with a workaround by updating the membership list. This workaround may deteriorate the performance of Active Directory groups during provisioning and will be removed in future once One Identity Manager has resolved the problem. Microsoft

Schema changes

No new changes to the schema have been made in One Identity Manager version 8.0.3 since version 8.0.2.

Changes to system connectors

The following provides an overview of the modified synchronization templates and an overview of all patches supplied by One Identity Manager version 8.0.2 to version 8.0.3. Apply the patches to existing synchronization projects. For more information, see [Applying patches to synchronization projects](#) on page 55.

Modified synchronization templates

The following provides you with an overview of modified synchronization templates. Patches are made available for updating synchronization templates in existing synchronization projects. For more information, see [Patches for synchronization projects](#) on page 29.

Table 14: Modification overview

Module	Synchronization template	Type of modification
Azure Active Directory Module	Azure Active Directory synchronization	none
Active Directory Module	Active Directory synchronization	changed
Active Roles Module	Synchronize Active Directory Domain via Active Roles	none
Cloud Systems Management	Universal Cloud Interface	none

Module	Synchronization template	Type of modification
Module	synchronization	
Oracle E-Business Suite Module	Oracle E-Business Suite synchronization	changed
	Oracle E-Business Suite CRM data	changed
	Oracle E-Business Suite HR data	changed
	Oracle E-Business Suite OIM data	changed
Microsoft Exchange Module	Microsoft Exchange 2010 synchronization (deprecated)	none
	Microsoft Exchange 2010 synchronization (deprecated)	none
	Microsoft Exchange 2010 synchronization (v2)	none
	Microsoft Exchange 2013_2016 synchronization (v2)	none
G Suite Module	G Suite synchronization	none
LDAP Module	AD LDS Synchronization	none
	OpenDJ Synchronization	none
IBM Notes Module	Lotus Domino synchronization	changed
Exchange Online Module	Exchange Online synchronization (deprecated)	changed
	Exchange Online synchronization (v2)	changed
SAP R/3 User Management module Module	SAP R/3 Synchronization (Base Administration)	changed
	SAP R/3 (CUA subsystem)	none
SAP R/3 Analysis Authorizations Add-on Module	SAP R/3 BW	none
SAP R/3 Compliance Add-on Module	SAP R/3 authorization objects	none
SAP R/3 Structural Profiles Add-on Module	SAP R/3 HCM authentication objects	none
	SAP R/3 HCM employee objects	none
SharePoint Module	SharePoint synchronization	none

Module	Synchronization template	Type of modification
SharePoint Online Module	SharePoint Online synchronization	none
Universal Cloud Interface Module	SCIM Connect via One Identity Connect For Cloud	changed
	SCIM synchronization	changed
Unix Based Target Systems Module	Unix Account Management	none
	AIX Account Management	none

Patches for synchronization projects

The following is a list of all patches provided in One Identity Manager 8.0.3 for synchronization projects. Every patch contains a script, which tests whether the patch can be applied to the synchronization project. This depends on the specific configuration of the synchronization.

For more information, see [Applying patches to synchronization projects](#) on page 55.

Table 15: Patches for Active Directory

Patch ID	Patch	Description	Issue ID
VPR#30192	Scope definition and usage of processing method MarkAsOut-standing	Adds a scope and the processing method MarkAsOutstanding to the synchronization step trustedDomain.	30192

Table 16: Patches for Oracle E-Business Suite

Patch ID	Patch	Description	Issue ID
VPR#30464	Support for Oracle Database Editions	Adds a variable to the Oracle Database Edition configuration.	30464

Table 17: Patches for Microsoft Exchange

Patch ID	Patch	Description	Issue ID
VPR#31026	Optimizes revision filtering	Reloads the target system schema and replaces the revision counters whenChangedUTC and whenCreatedUTC with vrtRevision.	31026

Table 18: Patches for IBM Notes

Patch ID	Patch	Description	Issue ID
VPR#30313	Mapping for mailbox file access levels	Inserts a property mapping rule for access levels of mailbox files in the Person mapping.	30313

Table 19: Patches for Exchange Online

Patch ID	Patch	Description	Issue ID
VPR#30498	Removes property mapping rules from the OwaMailboxPolicy mapping	Removes property mapping rules BoxAttachmentsEnabled, DropboxAttachmentsEnabled and GoogleDriveAttachmentsEnabled from the OwaMailboxPolicy mapping.	30498
VPR#30588	Extends schema properties and property mapping rules in Calendar Processing (User/Shared) and Calendar Processing (Resource) mappings	Extends member lists in the schema properties vrtBookInPolicy, vrtRequestInPolicy and vrtRequestOutOfPolicy and updates the property mapping rules accordingly.	30588
VPR#31026	Optimizes revision filtering	Reloads the target system schema and replaces the revision counters whenChangedUTC and whenCreatedUTC with vrtRevision.	31026
VPR#31269	Modified implementation by extending various property mapping rules by a condition.	In the Mailbox mapping, a condition was added to various property mapping rules to modify implementation.	31269

Table 20: Patches for SharePoint Online

Patch ID	Patch	Description	Issue ID
VPR#30729	Corrects the Mandatory property of the SharePoint Online User.LoginName.	<p>Corrects the Mandatory property of the schema property LoginName in the schema class User (all).</p> <p>This patch is applied during the One Identity Manager automatic update.</p>	30729

Table 21: Patches for SAP R/3

Patch ID	Patch	Description	Issue ID
VPR#30453	New property mapping rule for provisioning company data	New property mapping rule for mapping user account for provisioning company data. This patch is applied during the One Identity Manager automatic update.	30453
VPR#30941	Blacklist rule filter on "userInCUARole" step	Defines property mapping rules to be excluded from the provisioning workflow's process step userInCUARole. This patch is applied during the One Identity Manager automatic update.	30941

Table 22: Patches for the SCIM interface (in Universal Cloud Interface Module)

Patch ID	Patch	Description	Issue ID
VPR#30497	Allows configuration of local cache	Adds a variable for disabling use of local cache. This patch is applied during the One Identity Manager automatic update.	30497

Patches in One Identity Manager version 8.0.2

Table 23: Patches for Active Directory

Patch ID	Patch	Description	Issue ID
VPR#29837	Active Directory site maps corrected.	Property mapping rule for object classes in the site mapping have been corrected.	29837

Table 24: Patches for Oracle E-Business Suite

Patch ID	Patch	Description	Issue ID
VPR#28834	Correction of processing methods in the synchronization step for direct permission assignments	Changes the processing methods in the synchronization step userInRESPDirect from MarkAsOutstanding to Delete.	28834

Patch ID	Patch	Description	Issue ID
VPR#29711	Property mapping rule corrections	Adjusts the mapping direction if the schema property in the target system is read-only. This patch is applied during the One Identity Manager automatic update.	29711
VPR#29740	Adds missing processing methods in the synchronization step HR PersonInLocation	Adds processing methods Insert and MarkAsOutstanding in the synchronization step HR PersonInLocation. This patch is applied during the One Identity Manager automatic update.	29740
VPR#30096	Corrects different properties in synchronization projects for employee and organizational data.	Set the option Data import and correct specific employee mapping properties in synchronization projects that have been created with the project templates for HR, CRM or OIM data.	30096

Table 25: Patches for Microsoft Exchange

Patch ID	Patch	Description	Issue ID
VPR#29902	Remove duplicate mapping rules	Removes duplicate property mapping rules.	29902
VPR#29903	Enables synchronization buffer for schema property vrtParentAddressList	Enables synchronization buffer for schema property vrtParentAddressList in the mapping LocalAddressList.	29903
VPR#29917	Changes to the property mapping rule for the schema property ExchangeGuid in the Mailbox mapping.	Enables the option Force mapping against direction of synchronization on the property mapping rule for the schema property ExchangeGUID in the mapping Mailbox. The patch can be applied to synchronization projects for Microsoft Exchange 2013 and 2016.	29917
VPR#30018	Connection parameters extended by an additional variable	Extends the target system connection parameters by an additional variable, PreferredServer.	30018

Table 26: Patches for Exchange Online

Patch ID	Patch	Description	Issue ID
VPR#29921	Remove duplicate mapping rules	Removes duplicate property mapping rules.	29921

Table 27: Patches for SAP R/3

Patch ID	Patch	Description	Issue ID
VPR#29733	Apply revision filtering to user account communication data.	Applies revision filtering to the synchronization steps userComFax, userComPhone and userComSMTP. This patch is applied during the One Identity Manager automatic update.	29733
VPR#29877	Add revision properties for different schema classes	Applies revision filtering in the synchronization steps profileInProfile, profileInRole, roleInRole, userInGrp, userHasParameter and userInProfile. This patch is applied during the One Identity Manager automatic update.	29877
VPR#30160	Apply variable for SNC security settings to connection parameters	Applies the variable for SNC security settings to connection parameters. Depends on patch VPR#27420 that was supplied with version 7.1.2.	30160

Table 28: Patches for SAP R/3 personnel planning data and structural profiles

Patch ID	Patch	Description	Issue ID
VPR#30115	Corrected various properties in synchronization projects for personnel planning data.	Sets the option Data import in the synchronization steps Employee and OrgEH and corrects specific mapping properties in synchronization projects that were created with the project template for personnel planning.	30115

Table 29: Patches for the SCIM interface (in Universal Cloud Interface Module)

Patch ID	Patch	Description	Issue ID
VPR#29844	Use of variables in the connection	Uses the variables created in the synchronization project in the target system connec-	29844

Patch ID	Patch	Description	Issue ID
	parameters	tion parameters.	
VPR#30002	Correction of property mapping rules in the User mapping.	Corrected property mapping rules in User mapping in synchronization projects for One Identity Connect For Cloud applications.	30002

Patches in One Identity Manager Version 8.0.1

Table 30: Patches for Active Directory

Patch ID	Patch	Description	Issue ID
VPR#27583	Support for domain functional levels 2016	Mapping of schema class domainDNS extended by the schema property msDF-ExpirePasswordsOnSmartCardOnly Accounts. Therefore, domain functional levels 2016 are supported.	27583
VPR#28863	Correction of patched synchronization projects	Corrects small differences between new synchronization projects and synchronization projects that have had patches applied to them. This patch is applied during the One Identity Manager automatic update.	28863
VPR#29299	Corrects Active Directory site handling	Corrects import of Active Directory sites and child machines.	29299
VPR#29318	Set and remove maxPwdAge in domains	Corrects operation for resetting if maxPwdAge is set to never .	29318
VPR#29360	Avoid using employee mapping on insert	Marked employee mapping with Only suitable for updates .	29360
VPR#29410	Mapping of schema property ADSGroup.AllowWriteMembers	Inserts a property mapping rule for the schema property AllowWriteMembers in the group map. This patch is applied during the One Identity Manager automatic update.	29410
VPR#29603_ ADS	Property IsSecretValue corrected for user account passwords.	Marks passwords as sensitive data in the target system. This patch is applied during the One Identity Manager automatic update.	29603

Table 31: Patches for Active Roles

Patch ID	Patch	Description	Issue ID
VPR#29318	Set and remove maxPwdAge in domains	Corrects operation for resetting if maxPwdAge is set to never .	29318

Table 32: Patches for Oracle E-Business Suite

Patch ID	Patch	Description	Issue ID
VPR#28876	Connection parameters extended	The connection parameters have been extended so that you can enter the user package for user account operations or a wrapper package.	28876
VPR#29528	Changes the definition of mandatory properties.	Updates the target system schema and corrects the definition of mandatory properties for adding new user accounts. This patch is applied during the One Identity Manager automatic update.	29528
VPR#29543	Updates the target system schema.	Updates the target system schema for synchronizing security attribute assignments with different values to user accounts. This patch is applied during the One Identity Manager automatic update.	29543
VPR#29565	Supplies variables for connection parameters	Connection parameters are supplied as variables. This patch is applied during the One Identity Manager automatic update.	29565
VPR#29603_EBS	Property IsSecretValue corrected for user account passwords.	Marks passwords as sensitive data in the target system. This patch is applied during the One Identity Manager automatic update.	29603

Table 33: Patches for IBM Notes

Patch ID	Patch	Description	Issue ID
VPR#28917	Changes the revision counter	Changes the revision counter. A new virtual schema property is used.	28917

Patch ID	Patch	Description	Issue ID
		This patch is applied during the One Identity Manager automatic update.	
VPR#29441	Property mapping rule corrections	Minor corrections of property mapping rules in Domain and Person mappings	29441
VPR#29603_ NDO	Property IsSecretValue corrected for user account passwords.	Marks passwords as sensitive data in the target system. This patch is applied during the One Identity Manager automatic update.	29603

Table 34: Patches for SAP R/3

Patch ID	Patch	Description	Issue ID
VPR#29603_ SAP	Property IsSecretValue corrected for user account passwords.	Marks passwords as sensitive data in the target system. This patch is applied during the One Identity Manager automatic update.	29603
VPR#29614	Corrected schema property vrtInactivePwd	Corrected the definition of the schema property vrtInactivePwd. This patch is applied during the One Identity Manager automatic update.	29614

Table 35: Patches for SAP R/3 personnel planning data and structural profiles

Patch ID	Patch	Description	Issue ID
VPR#28927	Changed mapping for the employees' central SAP user account.	Corrects how to determine employees' SAP user account (USERID) and e-mail address (EMAILADDRESS)	28927

Table 36: Patches for SAP R/3 authorization objects

Patch ID	Patch	Description	Issue ID
VPR#29547	Updates the target system	Updates the target system schema for synchronizing SAP transactions irrespective of	29547

Patch ID	Patch	Description	Issue ID
	schema.	how the translation is maintained. This patch is applied during the One Identity Manager automatic update.	

Table 37: Patches for SharePoint Online

Patch ID	Patch	Description	Issue ID
VPR#29240A	Corrects errors in the reference resolution, part 1	Deletes all property mapping rules and object matching rules that web.ID uses for resolving references or matching, respectively. Prerequisite for patch VPR#29240B. This patch is applied during the One Identity Manager automatic update.	29240
VPR#29240B	Corrects error resolving references, part 2	Creates new property mapping rules that use web.Url for resolving references. Depends on patch VPR#29240A. This patch is applied during the One Identity Manager automatic update.	29240

Table 38: Patches for the SCIM interface (in Universal Cloud Interface Module)

Patch ID	Patch	Description	Issue ID
VPR#29454	Change group membership types	Inserts a new property mapping rule for the group membership's type.	29454
VPR#29603_ SCIM	Property IsSecretValue corrected for user account passwords.	Marks passwords as sensitive data in the target system.	29603

Patches in One Identity Manager version 8.0

Table 39: General patches

Patch ID	Patch	Description	Issue ID
VPR#27304	Method "UnmarkAsOutstanding"	Sets the method UnmarkAsOutstanding in provisioning workflows.	27304
	Milestone 8.0	Milestone for the context DPR .	

Patch ID	Patch	Description	Issue ID
	Milestone 8.0	Milestone for the context One Identity Manager .	

Table 40: Patches for Azure Active Directory

Patch ID	Patch	Description	Issue ID
	Milestone 8.0	Milestone for the context Azure Active Directory .	

Table 41: Patches for Active Directory

Patch ID	Patch	Description	Issue ID
VPR#27457	New schema property for domains	Extends the One Identity Manager schema and the mapping for ADSDomain by the schema property ObjectSID.	27457
VPR#27769_ ADS	Converts connection parameters	Converts connection parameter names and values. This patch is applied during the One Identity Manager automatic update.	27769
VPR#28560_ ADS	Converts German display names	German display names of property mapping rules and virtual schema properties are converted to English.	28560
	Milestone 8.0	Milestone for the context Active Directory .	
VPR#27997	Changes group membership mapping	Extended the mapping group by additional virtual schema properties. This allows group memberships to be synchronized without having to find object SIDs through the global catalog. This is a patch for a new function. This patch can be applied optionally.	27997

Table 42: Patches for Active Roles

Patch ID	Patch	Description	Issue ID
	Milestone 8.0	Milestone for the context Active Roles .	

Table 43: Patches for Microsoft Exchange

Patch ID	Patch	Description	Issue ID
VPR#27447	Use ObjectVersion to determine Microsoft Exchange version	Changing the Organization mapping to find the Microsoft Exchange version from the schema property ObjectVersion.	27447
VPR#28904	Adds RemoteMailbox to the excluded list	This patch modifies the member filter's excluded lists. Apply this patch if an Exchange hybrid environment exists but it not synchronized with One Identity Manager yet.	28904
	Milestone 8.0	Milestone for the context Microsoft Exchange .	

Table 44: Patches for LDAP

Patch ID	Patch	Description	Issue ID
	Milestone 8.0	Milestone for the context LDAP .	

Table 45: Patches for IBM Notes

Patch ID	Patch	Description	Issue ID
VPR#27769_NDO	Converts connection parameters	Converts connection parameter names and values. This patch is applied during the One Identity Manager automatic update.	27769
VPR#28560_NDO	Converts German display names	German display names of property mapping rules and virtual schema properties are converted to English.	28560
	Milestone 8.0	Milestone for the context IBM Notes .	

Table 46: Patches for SAP R/3

Patch ID	Patch	Description	Issue ID
VPR#27769_SAP	Converts connection parameters	Converts connection parameter names and values. This patch is applied during the One Identity Manager automatic update.	27769

Patch ID	Patch	Description	Issue ID
VPR#27289	Create new rules on SAP licence	Extended mapping Licencetype to property mapping rule for the schema property Countries and SonderVersion.	27289
VPR#28560_SAP	Converts German display names	German display names of property mapping rules and virtual schema properties are converted to English.	28560
	Milestone 8.0	Milestone for the context SAP R/3 .	

Table 47: Patches for SAP R/3 personnel planning data and structural profiles

Patch ID	Patch	Description	Issue ID
VPR#28560_SAP	Converts German display names	German display names of property mapping rules and virtual schema properties are converted to English.	28560
	Milestone 8.0	Milestone for the context SAP R/3 structural profile add-on .	

Table 48: Patches for SAP R/3 BI analysis authorizations

Patch ID	Patch	Description	Issue ID
VPR#28560_SAP	Converts German display names	German display names of property mapping rules and virtual schema properties are converted to English.	28560
	Milestone 8.0	Milestone for the context SAP R/3 analysis authorizations add-on .	

Table 49: Patches for SAP R/3 authorization objects

Patch ID	Patch	Description	Issue ID
VPR#27539	Remove SAPRCRange mapping and extensions	Removes SAPRCRange from the schemas, mapping and workflows.	27539
VPR#27769_SAP	Converts connection parameters	Converts connection parameter names and values.	27769

Patch ID	Patch	Description	Issue ID
		This patch is applied during the One Identity Manager automatic update.	
VPR#28560_SAP	Converts German display names	German display names of property mapping rules and virtual schema properties are converted to English.	28560
	Milestone 8.0	Milestone for the context SAP R/3 .	

Table 50: Patches for SharePoint

Patch ID	Patch	Description	Issue ID
	Milestone 8.0	Milestone for the context SharePoint .	

Table 51: Patches for the SCIM interface (in Universal Cloud Interface Module)

Patch ID	Patch	Description	Issue ID
VPR#27769_SCIM	Converts connection parameters	Converts connection parameter names and values. This patch is applied during the One Identity Manager automatic update.	27769
VPR#27860	Conversion of profile mapping	Changes the property mapping rules for the schema properties id, canonical name and distinguished name to the new schema properties added for them in the One Identity Manager schema. This patch can only be applied in synchronization projects which contain the Profiles map. This patch is applied during the One Identity Manager automatic update.	27860
VPR#28560_SCIM	Converts German display names	German display names of property mapping rules and virtual schema properties are converted to English.	28560
	Milestone 8.0	Milestone for the context SCIM .	

Table 52: Patches for the Universal Cloud Interface interface (in Cloud Systems Management Module)

Patch ID	Patch	Description	Issue ID
VPR#27371	Pending change provi-	Provides a new variable and alters	27371

Patch ID	Patch	Description	Issue ID
	sioning optimization	the scope.	
	Milestone 8.0	Milestone for the context Universal Cloud Interface .	

Table 53: Patches for Unix

Patch ID	Patch	Description	Issue ID
	Milestone 8.0	Milestone for the context Unix .	

Table 54: Patches for the One Identity Manager connector

Patch ID	Patch	Description	Issue ID
	Milestone 8.0	Milestone for the context Database .	

Table 55: Patches for the CSV connector

Patch ID	Patch	Description	Issue ID
	Milestone 8.0	Milestone for the context CSV .	

Deprecated features

The following features are no longer supported with this version of One Identity Manager:

- Provider mode, including the associated process component `ObjectTransferComponent`.

The One Identity Manager connector can be used for transporting data between One Identity Manager databases. For more detailed information about synchronizing using the One Identity Manager connector, see the *One Identity Manager User Guide for the One Identity Manager Connector*.

- Archiving historical data using XML files (version 8.0.1 or later)
 - The following configuration parameters have been removed: **Common | ProcessState | ExportPolicy | ExportPath, Common | ProcessState | ExportPolicy | ExportServer, ProcessInfoImport | ImportPath, ProcessInfoImport | ImportServer, ProcessInfoImport | IgnoreDirectOperations** and **ProcessInfoImport**.
 - The option **FILE** has been removed from the configuration parameter **Common | ProcessState | ExportPolicy**.
 - The schedules **Export process information** and **Import process**

information have been removed.

- The processes VID_Export_ProcessInfo and VI_ProcessInfo_Import have been removed.
- The process tasks ExportProcessInfo and ImportProcessInfo have been removed from the process component ScriptComponent.

The following functions will be discontinued in later One Identity Manager versions and should no longer be utilized:

- Oracle Database as database system for the One Identity Manager database (no longer available as of release One Identity Manager version 8.1)

NOTE: Oracle Data Migrator is provided to help you convert the database system. The Oracle Data Migrator takes all the data belonging to an Oracle Database's database user from version 8.0.1 or later and transfers it to an SQL Server database with the same version.

You can obtain the tool and a quick guide from the support portal. To access the Support Portal, go to <https://support.oneidentity.com/identity-manager/>.

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*.

Minimum requirements for the database server

One Identity Manager supports the following database systems:

- SQL Server
- Oracle Database

Processor	8 physical cores 2.5 GHz+
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NOTE: 16 physical cores are recommended on the grounds of performance.

Memory	16 GB+ RAM
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Hard drive storage	100 GB
--------------------	--------

Operating system	<p>Windows operating systems</p> <p>Following versions are supported:</p> <ul style="list-style-type: none"> • Windows Server 2016 • Windows Server 2012 R2 • Windows Server 2012 • Windows Server 2008 R2 (non-Itanium based 64-bit) Service Pack 1 or later • Windows Server 2008 (non-Itanium based 64-bit) Service Pack 2 or later <p>UNIX and Linux operating systems</p> <ul style="list-style-type: none"> • Note the minimum requirements of operating system vendors for Oracle databases and SQL Server databases.
Related Applications	<p>SQL Server</p> <ul style="list-style-type: none"> • SQL Server 2017 Standard Edition • SQL Server 2016 Standard Edition, Service Pack 1 or later • Compatibility level for databases: SQL Server 2016 (130) • Default collation: case insensitive, SQL_Latin1_General_CP1_CI_AS (recommended) <p>i NOTE: The SQL Server Enterprise Edition is recommended on performance grounds.</p> <p>Oracle Database</p> <ul style="list-style-type: none"> • Oracle Database 12c Standard Edition or Enterprise Edition Version 12.1.0.2 and later <p>The patch level differs depending on the system platform.</p> <p>i NOTE: It strongly recommended you apply the patches for Oracle bugs 18097476 (Doc ID 1683819.1) and 19497286 (Doc ID 19497286.8)</p> <ul style="list-style-type: none"> • Character set unicode (AL32UTF8); parameter NLS_LENGTH_ SEMANTICS with the value CHAR

Minimum requirements for the service server

Processor 8 physical cores 2.5 GHz+

Memory	16 GB RAM
Hard drive storage	40 GB
Operating system	<p>Windows operating systems</p> <p>Following versions are supported:</p> <ul style="list-style-type: none"> • Windows Server 2016 • Windows Server 2012 R2 • Windows Server 2012 • Windows Server 2008 R2 (non-Itanium based 64-bit) Service Pack 1 or later • Windows Server 2008 (non-Itanium based 64-bit) Service Pack 2 or later <p>Linux operating systems</p> <ul style="list-style-type: none"> • Linux operating 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 4.5.2 or later <p>i NOTE: Microsoft .NET Framework version 4.6.0 is not supported.</p> <p>i 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 4.6 or later

Minimum requirements for clients

Processor	4 physical cores 2.5 GHz+
Memory	4 GB+ RAM
Hard drive storage	1 GB
Operating system	<p>Windows operating systems</p> <ul style="list-style-type: none"> • Windows 10 (32-bit 64-bit) with at least version 1511 • Windows 8.1 (32-bit or 64-bit) with the current service pack • Windows 8 (32-bit or 64-bit) with the current service pack

	<ul style="list-style-type: none"> Windows 7 (32-bit or non-Itanium 64-bit) with the current service pack Windows Vista with the current service pack
Additional software	<ul style="list-style-type: none"> Microsoft .NET Framework Version 4.5.2 or later <p>NOTE: Microsoft .NET Framework version 4.6.0 is not supported.</p>
Supported browsers	<ul style="list-style-type: none"> Internet Explorer 11 or later Firefox (Release Channel) Chrome (Release Channel) Microsoft Edge (Release Channel)

Minimum Requirements for the Web Server

Processor	4 physical cores 1.65 GHz+
Memory	4 GB RAM
Hard drive storage	40 GB
Operating system	<p>Windows operating systems</p> <ul style="list-style-type: none"> Windows Server 2016 Windows Server 2012 R2 Windows Server 2012 Windows Server 2008 R2 (non-Itanium based 64-bit) Service Pack 1 or later Windows Server 2008 (non-Itanium based 64-bit) Service Pack 2 or later <p>Linux operating systems</p> <ul style="list-style-type: none"> Linux operating system (64 bit), supported by the Mono project or Docker images provided by the Mono project. 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 4.5.2 or later <p>NOTE: Microsoft .NET Framework version 4.6.0 is not supported.</p>

- Microsoft Internet Information Service 10 or 8.5 or 8 or 7.5 or 7 with ASP.NET 4.5.2 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

Linux operating systems

- Mono 4.6 or later
- NTP - Client
- Apache HTTP Server 2.0 or 2.2 with the following modules:
 - mod_mono
 - rewrite
 - ssl (optional)

Minimum requirements for the Application Server

Processor	8 physical cores 2.5 GHz+
Memory	8 GB RAM
Hard drive storage	40 GB
Operating system	Windows operating systems <ul style="list-style-type: none"> • Windows Server 2016 • Windows Server 2012 R2 • Windows Server 2012 • Windows Server 2008 R2 (non-Itanium based 64-bit) Service Pack 1 or later

-
- Windows Server 2008 (non-Itanium based 64-bit) Service Pack 2 or later

Linux operating systems

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

Additional software Windows operating systems

- Microsoft .NET Framework Version 4.5.2 or later
 - **i** | **NOTE:** Microsoft .NET Framework version 4.6.0 is not supported.
- Microsoft Internet Information Service 10 or 8.5 or 8 or 7.5 or 7 with ASP.NET 4.5.2 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

Linux operating systems

- Mono 4.6 or later
- NTP - Client
- Apache HTTP Server 2.0 or 2.2 with the following modules:
 - mod_mono
 - rewrite
 - ssl (optional)

Supported data systems

This section lists the data systems supported by One Identity Manager connectors in this version.

Table 56: Supported data systems

Connector	Supported data systems
Connectors for delimited text files	Any delimited text files.
Connector for relational databases	Any relational databases supporting ADO.NET. <i>i</i> NOTE: Additional installation of an ADO.NET data provider from a third party may be necessary. Ask Microsoft or the relational database producer.
Generic LDAP connector	Any LDAP directory server conforming to version 3. The LDAP connector requires the directory server to be RFC conform. Specifically, to conform to the standards RFC 4514 (String Representation of Distinguished Names) and RFC 4512 (Directory Information Models). <i>i</i> NOTE: Other schema and provisioning process adjustments can be made depending on the schema.
Web service connector	Any SOAP web service providing wsdl. <i>i</i> NOTE: You can use the web service wizard to generate the configuration to write data to the web service. You require additional scripts for reading and synchronizing data used by the web service connector's methods.
Active Directory connector	Active Directory, shipped with Windows Server 2003, Windows Server 2008, Windows Server 2008 R2, Windows Server 2012, Windows Server 2012 R2 and Windows Server 2016.
Microsoft Exchange connector	<ul style="list-style-type: none"> • Microsoft Exchange 2010 Service Pack 3 or later • Microsoft Exchange 2013 Service Pack 1 or later • Microsoft Exchange 2016 • Microsoft Exchange hybrid
SharePoint connector	<ul style="list-style-type: none"> • SharePoint 2010 • SharePoint 2013 • SharePoint 2016
SAP R/3 connector	<ul style="list-style-type: none"> • SAP Web Application Server 6.40 • SAP NetWeaver Application Server 7.00, 7.01, 7.02, 7.10, 7.11, 7.20, 7.31, 7.40 SR 2, 7.41, 7.50 • SAP S/4HANA On-Premise-Edition
Unix	Supports the most common Unix and Linux derivatives. For more

Connector Supported data systems

connector	information, see the Authentication Services specifications.
IBM Notes connector	<ul style="list-style-type: none">• Lotus Domino Server Version 8.0 up to Lotus Domino Server Version 9.0• IBM Notes Client 8.5.3 is supported as client version.
Native database connector	<ul style="list-style-type: none">• SQL Server• Oracle Database• SQLite• MySQL• DB2 (LUW)• CData ADO.NET Provider• SAP HANA
Mainframe connector	<ul style="list-style-type: none">• RACF• IBM i• CA Top Secret• CA ACF2
Windows PowerShell connector	<ul style="list-style-type: none">• Windows PowerShell version 3 or later
Active Roles connector	<ul style="list-style-type: none">• Active Roles 6.9, 7.0, 7.2
Azure Active Directory connector	<ul style="list-style-type: none">• Microsoft Azure Active Directory
SCIM connector	Cloud applications, which recognize the System for Cross-domain Identity Management (SCIM) specification in version 2.0.
Exchange Online connector	<ul style="list-style-type: none">• Microsoft Exchange Online
G Suite Connector	<ul style="list-style-type: none">• G Suite
Oracle E-Business Suite connector	<ul style="list-style-type: none">• Oracle E-Business Suite System versions 12.1 and 12.2

Connector Supported data systems

SharePoint Online connector

- Microsoft SharePoint Online

Product licensing

Use of this software is governed by the Software Transaction Agreement found at <http://www.oneidentity.com/legal/sta.aspx> and the SaaS Addendum at <http://www.oneidentity.com/legal/saas-addendum.aspx>. This software does not require an activation or license key to operate.

Upgrade and installation instructions

- ① **NOTE:** To install One Identity Manager 8.0.3 for the first time, follow the installation instructions in the *One Identity Manager Installation Guide*. For more detailed instructions about updating, see the *One Identity Manager Installation Guide*.

IMPORTANT:

- Ensure that the administrative system user, who is going to compile the database, has a password before you update the One Identity Manager database to version 8.0.3. Otherwise the schema update cannot be completed successfully.
- Note the following for automatic software updating:
 - Automatic software updating of version 7.0 to version 8.0.3 only works smoothly if the service pack 7.0.3 is installed. In addition, the files VI.Update.dll and JobService.dll must be installed.

Request the files VI.Update.dll and JobService.dll from the support portal.


To distribute the file, use the Software Loader.

Future version 7.0 service packs will already contain the changes to these files, and therefore, must not distributed separately.
 - Automatic software updating of version 7.1 to version 8.0.3 only works smoothly if the service pack 7.1.3 is installed.
- In One Identity Manager versions 8.0, 8.0.1, 8.0.2, the One Identity Manager History Service and the One Identity Manager Service were both installed when the One Identity Manager History Database was installed.

If you are affected by this problem, uninstall the One Identity Manager History Database before updating your One Identity Manager History Service. Run the following command as administrator:

```
sc delete "HDBService"
```

To update an existing One Identity Manager installation to version 8.0.3

1. Run the all consistency checks in the Designer in **Database** section.
 - a. Start the Consistency Editor in the Designer using the **Database | Check data consistency** menu item.
 - b. In the **Test options** dialog, click .
 - c. Under the **Database** node, enable all the tests and click **OK**.
 - d. Start the check by selecting the **Consistency check | Run** menu item.

All the database tests must be successful. Correct any errors. Some consistency checks offer repair options for correcting errors.
2. Update the administrative workstation, on which the One Identity Manager database schema update is started.
 - a. Execute the program autorun.exe from the root directory on the One Identity Manager installation medium.
 - b. Change to the **Installation** tab. Select the Edition you have installed.

NOTE: To update a One Identity Manager History Database installation, change to the **Other Products** page and select the **One Identity Manager History Database**.

c. Click **Install**.

This starts the installation wizard.

d. Follow the installation instructions.

IMPORTANT: On the **Installation Settings** page, select the directory for your current installation as the installation directory. Otherwise the components are not updated and a new installation is created in the second directory instead.

3. (From version 7.0.x or version 7.1.x) End the One Identity Manager Service on the server that processes direct database queries.

(From version 8.0.x) End the One Identity Manager Service on the update server.

4. Create a backup of the One Identity Manager database.

5. Check whether the database's compatibility level is set the **130** and change it if necessary.

6. Run the One Identity Manager database schema update.

- Start the Configuration Wizard on the administrative workstation and follow the instructions.

7. (From version 7.0.x or version 7.1.x) Update the One Identity Manager Service on the server that processes direct database queries.

(From version 8.0.x) Update the One Identity Manager Service on the update server.

a. Execute the program autorun.exe from the root directory on the One Identity Manager installation medium.

b. Change to the **Installation** tab. Select the Edition you have installed.

NOTE: To update a One Identity Manager History Database installation, change to the **Other Products** page and select the **One Identity Manager History Database**.

c. Click **Install**.

This starts the installation wizard.

d. Follow the installation instructions.

IMPORTANT: On the **Installation Settings** page, select the directory for your current installation as the installation directory. Otherwise the components are not updated and a new installation is created in the second directory instead.

e. Check the login information of the One Identity Manager Service. Revert to the original settings if the One Identity Manager Service did not initially use the

local system account for logging in. Specify the service account to be used. Specify the service account to use.

8. Start the One Identity Manager Service on the update server.

9. Update other installations on workstations and servers.

You can use the automatic software update method for updating existing installations.

To update synchronization projects to version 8.0.3

1. Any required changes to system connectors or the synchronization engine are made available when you update One Identity Manager. These changes must be applied to existing synchronization projects to prevent target system synchronizations that are already set up, from failing. Patches are made available for this.

NOTE: Some patches are applied automatically. A process that migrates all existing synchronization project is queued in the Job queue to do this. To execute the process, the One Identity Manager Service must be started on the database server and on all the synchronization servers.

- Check whether the process `DPR_Migrate_Shell` has been started successfully.

If the patch cannot be applied because the target system could not be reached, for example, you can manually apply it.

For more information, see [Applying patches to synchronization projects](#) on page 55.

To update an application server to version 8.0.3

- The application server starts updating automatically after the One Identity Manager database schema update.
- To start the update manually, open the application's status page in the browser and select **Update immediately** from the current user's menu.

To update the Web Portal to version 8.0.3

NOTE: Ensure that the application server is updated before you install the Web Portal. As from version 7.1. and later, the Web Portal requires an application server with a search service installed on it.

- To update the Web Portal automatically, connect to the monitoring site `http://<server>/<application>/monitor` in a browser and start the web application update.
- To manually update the Web Portal, uninstall the existing Web Portal and install the Web Portal again. For more detailed information, see the *One Identity Manager Installation Guide*.

To update the Operations Support Web Portal to version 8.0.3

1. Copy the contents of the folder `Modules\QER\dvd\AddOn\Operations Support Web Portal` to the installation directory for the Operations Support Web Portal, for instance

OperationSupport.

2. Copy the following file in the folder bin into the Web Portal application install directory.
 - Modules\QER\install\bin\QER.WebRuntime.WebApi.dll
 - Modules\QBM\install\bin\QBM.CompositionApi.Web.dll

To update the Manager web application to version 8.0.3

1. Uninstall the Manager web application.
2. Reinstall the Manager web application.
3. The Manager default user requires write access to the Internet Information Services web application installation directory so that Manager web applications can be updated automatically. Check that the correct permissions are allocated.

Applying patches to synchronization projects

CAUTION: Patches do not change customizations in synchronization projects. This means that conflicts may occur if patches are applied to synchronization projects, which have been customized. This may cause loss of data.

Before you apply a patch

1. Read the patch description to decide whether it provides the necessary improvements for the synchronization project.
2. Check whether conflicts with customizations could occur.
3. Create a backup of the database so that you can restore the original state if necessary.
4. Deactivate the synchronization project.

NOTE: If you have set up synchronization projects for connecting cloud application in the Universal Cloud Interface, update the target system schema in these synchronization projects before you apply the patches. Use the Synchronization Editor.

To apply patches

1. Open the synchronization project in the Synchronization Editor.
2. Select the **Edit | Update synchronization project** menu.
3. In **Available patches**, select the patches you want to apply. Multi-select is possible. In **Details - Installation summary**, all patches are displayed in order of installation.
4. Click **Apply selected patches**.

5. Enter any user input as prompted.
6. If necessary, use the patch log to check whether customization need to be reworked.
7. If required, rework customizations in the synchronization configuration.
8. Run a consistency check.
9. Simulate the synchronization.
10. Activate the synchronization project.
11. Save the changes.

NOTE: A patch does not take effect until the changes associated with it are saved in the database. If consistency check or simulation errors occur that cannot be corrected, you can dismiss the patch changes by reloading the synchronization project without saving the changes.

For more detailed information about updating synchronization projects, see the *One Identity Manager Target System Synchronization Reference Guide*.

See also:

- [Modified synchronization templates](#) on page 27
- [Patches for synchronization projects](#) on page 29

Verifying successful installation

To determine if this version is installed

- Start the Designer or the Manager and select the menu item **Help | Info**.
The **System information** tab gives you an overview of your system configuration.
The version number 2017.0011.0004.0300 for all modules and the application version 8.0 2017-11-04-281 indicate that this version is installed.

This patch updates all files that shipped with One Identity Manager 8.0.

Additional resources

Additional information are available in:

- [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

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One Identity LLC.
Attn: LEGAL Dept
4 Polaris Way
Aliso Viejo, CA 92656

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Legend

-  **WARNING: A WARNING icon indicates a potential for property damage, personal injury, or death.**
-  **CAUTION: A CAUTION icon indicates potential damage to hardware or loss of data if instructions are not followed.**
-  **IMPORTANT, NOTE, TIP, MOBILE, or VIDEO: An information icon indicates supporting information.**