ONE IDENTITY™

One Identity Quick Connect for Base Systems 2.4.0

Release Notes

October 2018

These release notes provide information about the One Identity Quick Connect for Base Systems release.

About One Identity Quick Connect for Base Systems 2.4.0

One Identity Quick Connect for Base Systems provides connectors that allow you to connect One Identity Quick Connect Sync Engine to the following data systems:

- Delimited text files representing a point-in-time snapshot of data repository
- Microsoft SQL Server

- LDAP directory services (including those based on OpenDS or OpenLDAP)
- OLE DB-compliant data sources
- ODBC-compliant data sources
- Sun One Directory Server
- Oracle Database
- Oracle user accounts
- Novell eDirectory
- MySQL databases
- Red Hat Directory Server
- IBM DB2

With One Identity Quick Connect for Base Systems, you can synchronize identity data between these and any other data systems to which One Identity Quick Connect Sync Engine is connected. One Identity Quick Connect for Base Systems 2.4.0 is distributed as an option of One Identity Quick Connect Sync Engine.

One Identity Quick Connect for Base Systems 2.4.0 is a minor release, with enhanced features and functionality. See New features.

New features

New features in One Identity Quick Connect for Base Systems 2.4.0:

- **Rebranded to One Identity**. This product was rebranded as One Identity Quick Connect for Base Systems.
- **Support for One Identity Quick Connect Sync Engine version 5.5**. This version of One Identity Quick Connect for Base Systems fully supports One Identity Quick Connect Sync Engine 5.5. For more information on the new features that One Identity Quick Connect Sync Engine 5.5 provides, see the Release Notes supplied with One Identity Quick Connect Sync Engine 5.5.

See also:

- Resolved issues

Resolved issues

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

Table 1: Resolved issues

Resolved issue	Issue ID
Currently, in Quick Connect, we are unable to edit the schema of the delimited text file through the CSV Connector settings user interface.	596903
Currently, in Quick Connect, the Console interface crashes when loading the Advanced Properties page for the Oracle User Accounts connector.	715750

Known issues

The following is a list of issues, including those attributed to third-party products, known to exist at the time of release.

Table 2: Known issues

Known issue	Issue ID
Quick Connect fails to support the provision, deprovision, and update operations from ActiveRoles Server to a delimited text file. **WORKAROUND** Contact technical support for more information on this issue.	48527
When using the Add Connected System Wizard to create a connection to Sun One Directory Server, you may encounter the following error on the "Specify connection settings for LDAP directory service" page: "The specified LDAP Directory service cannot be contacted. Details: One or more arguments are invalid." **WORKAROUND** 1. On the "Specify connection settings for LDAP directory service page" of the wizard, click "Advanced Options". 2. In the Advanced dialog box, clear the "Force ADSI to use secure authentication" check box, and then click OK. 3. Step through the wizard to complete the creation of the connection.	48530
Quick Connect may fail to synchronize some objects in the synchronization scope specified for a LDAP Directory Service. **WORKAROUND** 1. Open the following folder: <Quick Connect for Base Systems installation folder>\Service\Connectors\GenericLdapConnector\	48550

Known issue	Issue ID

By default, the Quick Connect installation folder is %ProgramFiles%\Quest Software\ActiveRoles Quick Connect\Service\Connectors\GenericLdapConnector\

2. Open the ConnectorConfig.xml file in Notepad.

3. In the ConnectorConfig.xml file, replace the element "<SearchPageSize>0</SearchPageSize>" with "<SearchPageSize>1000</SearchPageSize>".

4. Save changes to the file, and then rerun the synchronization step.

Note that this procedure does not apply to Sun One Directory Server.

When attempting to provision objects from ActiveRoles Server to a data system connected through the Generic LDAP Connector, you may encounter the error message "The directory property cannot be found in the cache." This problem only occurs if no values are set for the UniqueID attributes defined for the target data system.

54461

WORKAROUND

Configure attribute population rules for the UniqueID attributes:

1. In the Quick Connect Administration Console, open the "Workflows" tab, and then open the tab for workflow that contains a link to the provisioning synchronization step where the problem occurred.

2. Double-click that synchronization step.

3. In the "Provisioning Step Settings" dialog box, open the "Provisioning Rules" tab, expand "Configure Initial Attributes Population Rules", and then use the

    "Attributes | Rule | Script | Text" split button to configure initial attribute population rules for UniqueID attributes.

4. When you are finished, click OK to close the "Provisioning Step Settings" dialog box.

5. Rerun the provisioning step.

You may experience any of the following issues when running the provisioning or deprovisioning synchronization step:

54467

- Quick Connect may unexpectedly provision an object that has already been provisioned earlier.

- Quick Connect may unexpectedly deprovision objects that do not meet the deprovisioning criteria.

These issues show up if you have configured attribute updating rules for any attributes that uniquely identify an object in the connected system.

Known issue	Issue ID

WORKAROUND

Do not configure the attribute updating rules for the said attributes.

Quick Connect Sync Engine may return an error message when you attempt to synchronize group memberships on data systems connected through the Generic LDAP connector.	56121

WORKAROUND

1. Ensure that mapping rules are configured for all classes of objects that are members of the groups to be synchronized. To configure mapping rules, use the "Mapping" tab in the Quick Connect Administration Console.

2. Ensure that Naming attributes are defined for all classes of objects that are members of the groups to be synchronized. To define Naming attributes, use the "Connection Information" tab in the "Connection Properties" dialog box for the connected system with which you experience the described issue.

You may encounter the following error while running an updating step from some connected system to Oracle Database: "ORA-01031: insufficient privileges". This problem occurs if the user account under which Quick Connect Sync Engine connects to Oracle Database does not have sufficient rights to grant the SYSDBA and SYSOPER privileges to the Oracle Database users that participate in the updating step.	166915

WORKAROUND

Make sure the account specified in the connection settings for the target Oracle Database system has sufficient rights to grant the SYSDBA and SYSOPER privileges to Oracle Database users.

When synchronizing passwords to Oracle Database connected through the Oracle User Accounts Connector, you may encounter the following issue: Authentication type may be unexpectedly changed for some Oracle Database users from global or external to database authentication.	167287

WORKAROUND

For each affected user, manually change authentication type back to global or external. Note that Quick Connect only supports password synchronization for users that access Oracle Database through database authentication.

Unexpected behavior when a custom SQL query specified in the Quick Connect Administration Console references an object attribute that does not participate in the synchronization operation: When running such a query, Quick Connect may fail to display any warning that the attribute cannot be	167296

Known issue	Issue ID
found. This issue only affects SQL queries specified for Oracle Database connected through the Oracle User Accounts Connector. **WORKAROUND** Correct your custom SQL queries to exclude all attributes that do not participate in the synchronization operation.	
Your custom SQL query specified for Oracle Database connected through the Oracle User Accounts Connector may fail to work as expected. This issue only occurs if the SQL query contains names of Oracle Database users, roles, and/or privileges that include lower-case letters. **WORKAROUND** Correct the names of Oracle Database users, roles, and privileges in the SQL query so that they include upper-case letters only.	167303
Unexpected result of a provision operation when a custom SQL query specified in the "SQL queries to run after user provisioned" option fails to complete successfully: Quick Connect may not automatically map some or all objects created in the target Oracle Database system in the result of the provision operation. The expected behavior is that Quick Connect should properly map each provisioned object. This problem only occurs if Oracle Database is connected through the Oracle User Accounts Connector. **WORKAROUND** 1. Ensure that the SQL queries specified in the "SQL queries to run after user provisioned" option can complete without errors (if necessary, correct coding errors in the SQL queries). 2. Manually map the objects that were created in the target Oracle Database system during the provision operation. Alternatively, you can delete these objects, and then rerun the provisioning step.	167392
A synchronization step configured to update the values of UniqueID attributes (the attributes you use to uniquely identify objects in the connected data system) may not update the values of some or all such attributes. This issue only affects the data systems to which Quick Connect Sync Engine is connected via one of the following connectors: Microsoft SQL Server Connector, Oracle Database Connector, MySQL Connector, or IBM DB2 Connector. **WORKAROUND** Do not perform the update operation on the UniqueID attributes in any of the above-listed data systems.	211189
A synchronization step that uses an SQL query to select and modify data in the connected system may fail with an error message similar to the	211746

following: "Synchronization steps aborted. Details: Unknown column '<ColumnName>' in 'field list'." This issue only occurs when the database table column name in question contains spaces.

WORKAROUND

Make sure that there are no spaces in the names of the database table columns participating in the synchronization.

-OR-

Configure and use a single-word alias for each database table column whose name contain spaces.

System requirements

Before installing and using One Identity Quick Connect for Base Systems 2.4.0, ensure that your system meets the following minimum hardware and software requirements.

- One Identity Quick Connect for Base Systems requirements
- Supported data systems

One Identity Quick Connect for Base Systems requirements

Table 3: One Identity Quick Connect for Base Systems requirements

Requirement	Details
Processor	1 GHz or faster, x86 and x64 architecture is supported.
Memory	512 MB of RAM; 1 GB or more recommended.
Hard disk space	250 MB or more of free disk space. The amount of required hard disk space depends on the number of objects being synchronized.
Operating system	Your computer must run one of the following operating systems with or without any Service Pack (32- or 64-bit edition): • Microsoft Windows Server 2016

Requirement	Details
	- Microsoft Windows Server 2012 R2
	- Microsoft Windows Server 2012
	- Microsoft Windows Server 2008 R2, Standard or Enterprise
	- Microsoft Windows Server 2008, Standard or Enterprise
	- Microsoft Windows Server 2003 R2
	- Microsoft Windows Server 2003
One Identity Quick Connect Sync Engine	One Identity Quick Connect Sync Engine version 5.5
Oracle Database	The computer running One Identity Quick Connect Sync Engine must have the following software installed: - Oracle Client 11.1, 11.2, or 12c - Oracle Net Services - Oracle Data Provider for .NET 2.0 11.1.0.7.20
IBM DB2	The computer running One Identity Quick Connect Sync Engine must have the following software installed: - IBM Data Server Client supplied with the IBM DB2 version you want to use as a connected data system.
ODBC-compliant data source	The computer running One Identity Quick Connect Sync Engine must have the following software installed: - An ODBC driver providing access to the ODBC-compliant data source you want to use as a connected data system.
MySQL database	The computer running One Identity Quick Connect Sync Engine must have the following software installed: - Connector/Net 6.5 (an ADO.Net driver for MySQL)

Supported data systems

Below are the data systems supported by the connectors included in the One Identity Quick Connect for Base Systems package.

Table 4: Supported data systems

Connector	Supported data systems
Delimited Text File Connector	
Generic LDAP Connector	• Active Directory (AD DS and AD LDS formerly known as ADAM) • Directory service based on OpenLDAP 2.2 or 2.4 • Sun One Directory Server version 5.2. ❶ NOTE:Generic LDAP Connector may also work with other implementations of LDAP not listed here. However, Quest Support only supports the above-listed implementations. You may try working with other implementations of LDAP at your own risk..
Novell eDirectory Connector	Novell eDirectory 8.x
OLE DB Connector	Any data source accessible via an OLE DB provider.
Oracle Database Connector	Oracle9i Database, Oracle Database 10g, Oracle Database 11g, and Oracle Database 12c
Oracle User Accounts Connector	Oracle9i Database, Oracle Database 10g, Oracle Database 11g, and Oracle Database 12c
Microsoft SQL Server Connector	Microsoft SQL Server 2000, 2005, 2005 R2, 2008, 2008 R2, 2012, 2014, and 2016
Sun One Directory Server Connector	Sun One Directory Server 4.12, 4.13, 5.0, 5.1, and 5.2
MySQL Connector	MySQL database hosted on MySQL Community Server 5.0, 5.1, 5.5, and 5.6
OpenDS Connector	Directory service based on OpenDS 2.3
Red Hat Directory Server Connector	Red Hat Directory Server 8.2 and 9.0
IBM DB2 Connector	• IBM DB2 Express-C 9.7 and 10.1 • IBM DB2 for Linux, UNIX and Windows 9.1, 9.5, 9.7, 9.8, and 10.1 • IBM DB2 for z/OS 8, 9, and 10

Connector	Supported data systems
	• IBM DB2 for i 5 (release 4), 6 (release 1), and 7 (release 1) • IBM DB2 Universal Database (UDB) for Windows, UNIX and Linux 8 • IBM Informix 11.10
OpenLDAP Connector	Directory service based on OpenLDAP 2.2 and 2.4
ODBC Connector	Any data source accessible via an ODBC driver.

Upgrade and compatibility

One Identity Quick Connect for Base Systems version 2.4.0 is upgradeable from version 2.2.0 or later. For instructions, see Upgrade and installation instructions.

Product licensing

After you install **Quick Connect for Base Systems** or upgrade to the latest version of **Quick Connect for Base Systems**, no special steps are required to activate your purchased commercial license for **Quick Connect for Base Systems**.

You can use product usage statistics to verify your **Quick Connect for Base Systems** licensing compliance. To view the product usage statistics, open the Quick Connect Sync Engine Console. In the upper right corner, click the **About** icon. The **About One Identity Quick Connect** page displays information on the number of licensed objects in synchronization scope for each installed connector.

Getting started with One Identity Quick Connect for Base Systems 2.4.0

• Upgrade and installation instructions

Upgrade and installation instructions

To upgrade One Identity Quick Connect for Base Systems

1. Upgrade One Identity Quick Connect Sync Engine to version 5.5, and then import configuration settings from the previous installation of One Identity Quick Connect Sync Engine.

    For more information about upgrading One Identity Quick Connect Sync Engine and importing configuration settings, see the *One Identity Quick Connect Sync Engine 5.5 Administrator Guide*.

2. Install One Identity Quick Connect for Base Systems 2.4.0 on the computer on which One Identity Quick Connect Sync Engine 5.5 is installed.

For information about installing One Identity Quick Connect for Base Systems, see the Administrator Guide supplied with this release.

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, Far-East Asia, Japan.

About us

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
- Engage in community discussions
- Chat with support engineers online
- View services to assist you with your product

Third-party contributions

This product contains some third-party components (listed below). Copies of their licenses may be found at referencing https://www.oneidentity.com/legal/license-agreements.aspx. Source code for components marked with an asterisk (*) is available at http://opensource.quest.com.

Table 5: List of Third-Party Contributions

Component	License or Acknowledgement
NLog 2.0	Portions copyright 2011 Jaroslaw Kowalski