



One Identity Quick Connect for IBM
AS/400 1.4.0

Installation and Configuration Guide

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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.

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Installing and configuring One Identity Quick Connect for IBM AS/400®

This document describes how to install, create and configure the Quick Connect for IBM AS/400® Connector into an existing One Identity Quick Connect system.

Please refer to the One Identity Quick Connect documentation on <http://support.oneidentity.com> for additional information and guidance on One Identity Quick Connect.

- [Prerequisites](#)
- [Platform support](#)
- [Operating constraints](#)
- [How to install and configure the IBM AS/400® Connector](#)
- [Installing the One Identity Quick Connect for IBM AS/400® Connector](#)
- [Adding a new IBM AS/400® Connector](#)
- [Configuring the IBM AS/400® Connector attributes](#)

Prerequisites

Ensure that the following installation prerequisites are met before installing One Identity Quick Connect for IBM AS/400®:

- Quick Connect Sync Engine version 5.4 must be fully installed and functional.
- The AS/400 server must have LDAP directory services installed and configured.
- An LDAP service account must be created on your AS/400 server which has the appropriate permissions to administer users and groups on this platform.

For additional information and guidance on Quick Connect Sync Engine version 5.4, please refer to the One Identity Quick Connect documentation on <http://support.oneidentity.com/>.

Platform support

The IBM AS/400® connector has been verified for synchronization against the following AS/400 versions:

- AS/400 v7r1
- AS/400 v6r1
- AS/400 v5r2

The AS/400 connector should be installed on Microsoft® Windows Server® 2008 or later.

Operating constraints

- All spaces written to the `os400-profile` attribute are automatically removed to prevent an error at the IBM AS/400®. The AS/400 does not support spaces in this attribute.
- There is a limit of 10 characters for profile names, for example groups and users, on the AS/400.

How to install and configure the IBM AS/400® Connector

The IBM AS/400® Connector is distributed in a standard Microsoft MSI format which contains the required files to install and configure the AS/400 Connector in an existing One Identity Quick Connect environment. The following sections describe:

- [Installing the One Identity Quick Connect for IBM AS/400® Connector](#)
- [Adding a new IBM AS/400® Connector](#)
- [Configuring the IBM AS/400® Connector attributes](#)
- [Configuring IBM AS/400® password synchronization](#)

Installing the One Identity Quick Connect for IBM AS/400® Connector

This section describes how to install the IBM AS/400® Connector on Microsoft® Windows Server® 2008 or above, or on an existing installation of One Identity Quick Connect.

To install One Identity Quick Connect for IBM AS/400® Connector software

1. To start the installation for:
 - a. 32-bit systems – double-click the **QuickConnectForAS400_x86.msi** installation routine.
 - b. 64-bit systems – double-click the **QuickConnectForAS400_x64.msi** installation routine.
2. The Welcome Wizard starts. Click **Next**.
3. Read the License Agreement, select the **I accept the terms in the license agreement** box, and then click **Next**.
4. Enter your name and organization.
5. Click **Install**.

The files will be copied to your system. On completion of the installation, you will be prompted to restart your One Identity Quick Connect Service.

Verifying the Connector installation

To verify the IBM AS/400® Connector installation, click **About** in the top right-hand corner of the Quick Connect Console. The **About Quick Connect** page is displayed. If the installation was successful, the AS/400 connector is included in the list of installed connectors.

Figure 1: About Quick Connect

Connector	Average (licensed objects)	Maximum (licensed objects)	Last workflow run (licensed objects)	Number of sync runs	Last sync run date
Built-in Connectors 5.4.0					
Quest ActiveRoles Server Connector	0	0	0	0	
Quest One Identity Manager Connector	0	0	0	0	
One Identity Quick Connect Express for Active Directory 5.5.0					
Active Directory Connector	0	0	0	0	
AD LDS (ADAM) Connector	0	0	0	0	
Exchange Server Connector	0	0	0	0	
Lync Server Connector	0	0	0	0	
One Identity Quick Connect for AS/400 1.3.0					
AS/400 Connector	0	0	0	0	

Adding a new IBM AS/400® Connector

The Quick Connect Sync Engine provides an **Add Connection** wizard. The wizard adds a specific external data source to the One Identity Quick Connect environment and configures a connection to that data system. You can manually start the wizard using the following procedure:

To add an external data source to One Identity Quick Connect

1. In the **Quick Connect Administration Console**, select **Connections**.
2. Click the **Add connection** link. The **Name connection and select connector** page is displayed:

Add Connection

Name connection and select connector

Type a descriptive name for the connection and select the connector you want to use.

Connection name:
AS/400 7.1 System

Use the specified connector:
AS/400 Connector

Built-in Connectors

- Quest ActiveRoles Server Connector
- Quest One Identity Manager Connector
- One Identity Quick Connect Express for Active Directory
 - Active Directory Connector
 - AD LDS (ADAM) Connector
 - Exchange Server Connector
 - Lync Server Connector
- One Identity Quick Connect for AS/400
 - AS/400 Connector**

[Download more connectors](#)

Step 1 of 2 : Name connection and select connector

Back Next Cancel

3. Enter a Connection name.
4. In the Use the specified connector field, choose the AS/400 Connector from the list. Click Next.
5. When establishing a connection to an AS/400 LDAP directory service, the wizard prompts you to complete the Specify connection settings for LDAP directory service.
6. On the Specify connection settings for AS/400 page, specify the AS/400 LDAP service

to connect to and the account that the application will use to access the AS/400 LDAP service.

This page is similar to the following screen:

The screenshot shows a dialog box titled "Add Connection" with a close button (X) in the top right corner. Below the title is the heading "Specify connection settings" and a sub-heading "Specify connection settings to access an AS/400 LDAP directory service." The main content area is enclosed in a dashed border and contains two sections: "Connect options:" and "Bind options:". Under "Connect options:", there is a "Server:" field with the value "as400.mycompany.local", a "Port:" field with the value "636", and a checked "SSL" checkbox. Under "Bind options:", there is a "User name:" field with the value "os400-profile=admin,cn=accounts,os400-sys=as400.mycompany.local" and a "Password:" field with masked characters "••••••••". A "Test Connection" button is located below the "Bind options:" section. At the bottom of the dialog, it says "Step 2 of 2 : Specify connection settings" and has three buttons: "Back", "Finish" (highlighted in blue), and "Cancel".

To specify connection settings to access an AS/400 LDAP directory service

1. Open the **Specify connection settings for AS/400** page.
2. In the **Server** field, type the fully qualified DNS name of the AS/400 server running the LDAP service.
3. In the **Port** field, type the AS/400 LDAP communication port number in use by the service. (The default port numbers are 389 for non SSL and 636 for SSL encrypted data).
4. In the **User name** field, specify the fully distinguished name (DN) of the account under which the application will access the AS/400 LDAP directory service.
5. In the **Password** field, specify the password of the user account under which the application will access the AS/400 LDAP directory service. We recommend that you select the SSL check box if synchronizing sensitive data between connectors.
6. Optionally, click **Test Connection** to verify that the credentials provided can access the AS/400 LDAP service.
7. Click **Finish**.

Configuring the IBM AS/400® Connector attributes

The following attributes have been verified for synchronization with this release, in addition to the password synchronization attribute. Other attributes can be synchronized by One Identity Quick Connect provided the attribute types are maintained between platforms (see [Operating constraints](#)).

Table 1: IBM AS/400® Connector attributes

Type of attribute	Active Directory® attribute	IBM AS/400® attribute
User	sAMAccountName	os400-profile
User	Any string field	os400-text
Group	sAMAccountName	os400-profile
Group	member	os400-groupmember

Additional considerations

This section describes additional points to consider when configuring the IBM AS/400® connector.

Using groups with IBM AS/400®

The IBM AS/400® operating system does not have any concept of groups as discrete entities. Instead, an administrator creates a user profile which is used as a group profile. Other user profiles are then linked to this using the GrpPrf or SupGrpPrf parameters of the ChgUsrPrf command. The GrpPrf value maps to the os400-grpprf attribute in the AS/400 schema, while the SupGrpPrf value maps to the os400-supgrpprf attribute. The AS/400 Quick Connect mappings must be defined for users and groups to enable full user and group synchronization.

The instructions on the following pages describe how to create an Active Directory® to AS/400 user/group synchronization workflow.

Optional IBM AS/400® account unlock during password reset function

You can optionally unlock a user's IBM AS/400® account at the same time as performing a password reset. This functionality is switched off by default and can be enabled by editing the connector's configuration file as follows:

Edit the file:

```
<Your Program Files folder>\One Identity\Quick  
Connect\AS400Connector\ConnectorConfig.xml
```

and add the following lines just before the `</ConnectorInfo>` which appears on the last line of the file:

```
<SelfConfig>  
<EnableAccount>true</EnableAccount>  
</SelfConfig>
```

Only the value `true` will enable the new functionality.

The LDAP password request sent to AS/400 will then also include a request to modify the account status (`os-400-status=*ENABLED`).

The configuration file is read every time an LDAP connection is made to the AS/400, so the new value will be picked up for the next set of synchronizations.

i **NOTE:** If you edited `ConnectorConfig.xml` to implement the optional unlock of a user's AS/400 account at the same time as performing a password reset in an earlier version of the connector for AS/400, then you will need to repeat that edit after installing a later version

Creating the One Identity Quick Connect mappings

You will need to create two mappings to enable user and group synchronization between Active Directory® and the IBM AS/400®.

For user synchronization

To create mappings for user synchronization

1. First define the IBM AS/400® Connector as described in [Adding a new AS/400 Connector](#), then click the **Mapping** tab.
2. Select the **Active Directory Connector** from the list.
3. Click **Add mapping pair** at the top of the screen.

4. A new wizard starts.
5. Your Active Directory connector is selected automatically.
6. Verify that the **system object type** is defined as **User (user)**, and then click **Next**.
7. In the **Target Connect system** section, click **Specify....**
8. Select your AS/400 connector from the list.
9. Click **Finish**.
10. Verify that the system object type is **os400-usrprf**, then click **Finish**.
11. On the main **Mapping** screen, select your newly created pair.
12. Click **Add mapping rule**. The **Define Mapping Rule** wizard starts.
13. Click **Attribute...** for your Active Directory connector and select the **sAMAccountName** attribute for your Active Directory attribute.
14. Click **OK**.
15. Click **Attribute...** for your AS/400 connector and select the **os400-profile** attribute for your AS/400 attribute.
16. Click **OK**.
17. Click **Map** now.

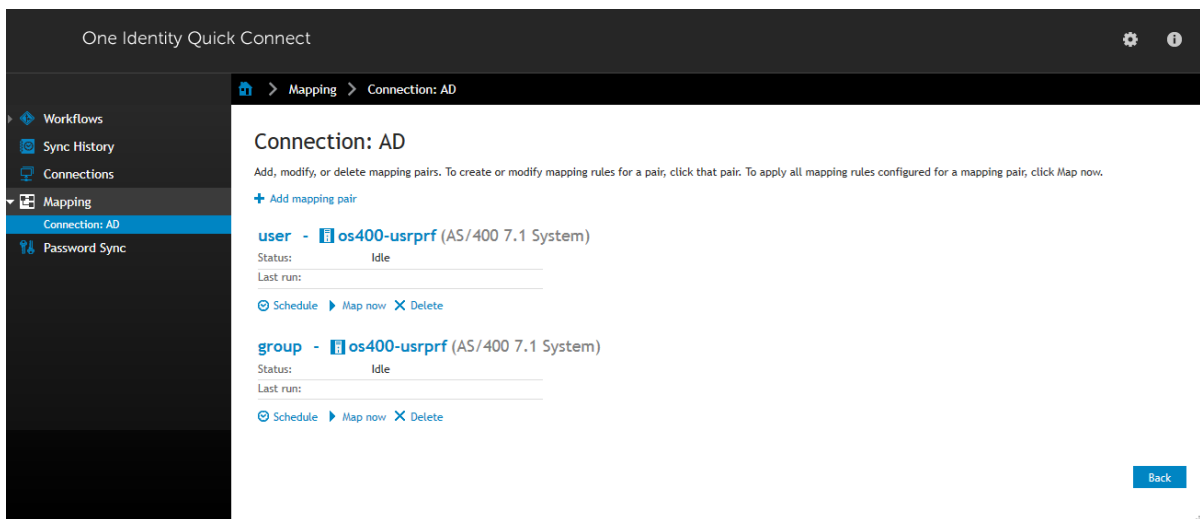
For group synchronization

To create mappings for group synchronization

1. First define the IBM AS/400® Connector described in [Adding a new AS/400 Connector](#), and then click the **Mapping** tab.
2. Select the **Active Directory Connector** from the list.
3. Click **Add mapping pair** at the top of the screen.
4. A new wizard starts.
5. Your Active Directory connector is selected automatically.
6. Verify that the **system object type** is defined as **Group (group)**, then click **Next**.
7. In the **Target Connect system** section, select **Specify....**
8. Select your AS/400 connector from the list.
9. Click **Finish**.
10. Verify that the system object type is **os400-usrprf**, then click **Finish**.
11. On the main **Mapping screen**, select your newly created pair.
12. Click **Add mapping rule**. The **Define Mapping Rule** wizard starts.
13. Click **Attribute...** for your Active Directory connector and select the **sAMAccountName** attribute for your Active Directory attribute.
14. Click **OK**.

15. Click **Attribute...** for your AS/400 connector and select the **os400-profile** attribute for your AS/400 attribute.
16. Click **OK**.
17. On the main **Mapping** screen, click **Add mapping rule**. The **Define Mapping Rule** wizard starts.
18. Click **Attribute...** for your Active Directory connector and select the member attribute for your Active Directory attribute.
19. Click **OK**.
20. Click **Attribute...** for your AS/400 connector and select the **os400-groupmember** attribute for your AS/400 attribute.
21. Click **OK**.
22. Click **Map now**.

When you have completed these steps, your mapping will be similar to the following example:



Creating a workflow

Workflows are designed for three key areas:

- Provision
- Update
- Deprovision

Provision – Creates objects in the target connected data systems based on the changes made to specific objects in the source connected system. When creating a new object, One Identity Quick Connect assigns initial values to the object attributes based on the attribute population rules you have configured.

Update – Changes the attributes of objects in the target connected data systems based on the changes made to specific objects in the source connected system. To define the objects that will participate in the update operation you can use object mapping rules.

Deprovision – Modifies or removes objects in the target connected data systems after their counterparts have been disconnected from the source connected system. One Identity Quick Connect can be configured to remove objects permanently or change them to a specific state.

Example – creating a workflow

This example demonstrates how to create a workflow from Active Directory® to your IBM AS/400®.

Provisioning (groups)

To synchronize Active Directory® groups to the IBM AS/400®

1. Navigate to the **Workflow** tab on the main menu.
2. Click **Add workflow**.
3. Enter a description for your workflow, for example Sync Active Directory to AS/400.
4. Click the **Sync Active Directory to AS/400 workflow step** hyperlink.
5. Click **Add synchronization step**.
6. Click **Provision** and then click **Next**.
7. From the **Source connected system** section, click **Specify...**
8. A new wizard starts.
9. Select your Active Directory Connector and click **Finish**.
10. The Active Directory source object type: is currently set to **User (user)**. Change this to **Group (group)** by entering the word group.
11. Specify any **Specific Provision Criteria**, for example only members of a specific OU are synchronized.
12. Click **Next**.
13. In the **Target connected system:** field, click **Specify...**, and then locate your AS/400 connector and click **Finish**.
14. The object type in the **Target object system** field should be prefilled by One Identity Quick Connect to **os400-usrprf**.
15. Click **Next**.
16. In the **Specify provisioning rules** section, click **Attribute**.
17. In the **Source attribute:** field, click **Select...**, locate **sAMAccountName** and click

OK.

18. In the **Target attribute:** field, click **Attribute**, then **Select**, locate **os400-profile** and click **OK.** (*)
19. Click **OK.**
20. Specify an initial password for the newly created group.
21. Click **Finish** to complete this synchronization step.

Provisioning (users)

To synchronize the Active Directory® users to the IBM AS/400®

1. Navigate to the **Workflow** tab.
2. Click **Add synchronization.**
3. Click **Provision** and then **Next.**
4. From the **Source connected system** section, click **Specify...**
5. A new wizard starts.
6. Select your Active Directory Connector and click **Finish.**
7. **The Active Directory source object type:** is currently set to **User (user).** Do not change this value.
8. Specify any **Specific Provision Criteria**, for example only members of a specific OU are synchronized.
9. Click **Next.**
10. In the **Target connected system:** field, click **Specify...**, and then locate your AS/400 connector and click **Finish.**
11. The object type in the **Target object system** field is prefilled by One Identity Quick Connect to **os400-usrprf.**
12. Click **Next.**
13. In the **Specify provisioning rules** section, click **Attribute.**
14. In the **Source attribute:** field, click **Select...** locate **sAMAccountName** and click **OK.**
15. In the **Target attribute:** field, click **Attribute**, then **Select**, locate **os400-profile** and click **OK.** (*)
16. Click **OK.**
17. Specify an initial password for the newly created group.
18. Click **Finish** to complete this synchronization step.

When you have successfully completed the steps in [Provisioning \(groups\)](#) and [Provisioning \(users\)](#), all new users or groups in your Active Directory system will be synchronized using One Identity Quick Connect to your AS/400 server.

Updating (groups)

To synchronize users Active Directory® attribute(s) group membership to the IBM AS/400®

1. Navigate to the Workflow tab.
2. Click **Add synchronization** step.
3. Click **Update** and then click **Next**.
4. From the **Source connected system section**, click **Specify...**
5. A new wizard starts.
6. Select your Active Directory Connector and click **Finish**.
7. The **source object type**: is currently set to **User (user)**. Change this to **Group (group)** and click **OK**.
8. Specify any **Updating Criteria**, for example only members of an OU are synchronized.
9. Click **Next**.
10. In the **Target connected system** section, click **Specify...**, and then locate your AS/400 connector.
11. Click **Finish**.
12. The **Target object type** is prefilled by One Identity Quick Connect to **os400-usrprf**.
13. Click **Next**.
14. In the **Specify updating rules** section, click the **Attribute**. (*)
15. The **Direct Synchronization screen** is displayed. In the **Source attribute**: section, click **Select**, locate member and click **OK**.
16. The Target attribute: field is automatically set to os400-groupmember.
17. Click **OK**.
18. Click **Finish** to complete this synchronization step.

Updating (users)

To synchronize the Active Directory® attributes

1. Navigate to the **Workflow** tab.
2. Click **Add synchronization step**.
3. Click **Update** and then **Next**.
4. From the **Source connected system section**, click **Specify...**
5. A new wizard starts.

6. Select your Active Directory Connector and click **Finish**.
7. The Source object type is currently set to **User (user)**.
8. Specify any **Update Criteria**, for example only members of an OU are synchronized.
9. Click **Next**.
10. In the **Target connected system** section, click **Specify...**, and then locate your existing AS/400 connector.
11. Click **Finish**. The **Target object type** is prefilled by One Identity Quick Connect to **os400-usrprf**.
12. Click **Next**.
13. In the **Specify updating rules section**, click **Attribute**. (*)
14. The **Direct Synchronization screen** is displayed. In the **Source attribute:** section, click **Select...**, locate mail and click **OK**.
15. In the **Target attribute:** field, click **Select...**, enter **os400-text** and click **OK**.
16. Click **Finish** to complete this synchronization step.

(*) At this stage in the configuration procedure, you can configure as many attribute mappings between AS/400 and Active Directory as required for your infrastructure. The items specified in this guide are examples only. For more information, please refer to [Operating constraints](#).

When these steps are completed successfully, any modifications to your existing users or groups will be synchronized with your AS/400.

Deprovisioning (groups)

To deprovision groups

1. Navigate to the **Workflow** tab.
2. Click **Add synchronization step**.
3. Click **Deprovision** and then **Next**.
4. In the **Source connected system** section, click **Specify...**
5. Select your Active Directory® Connector and click **Finish**.
6. Modify the Source Object type to group.
7. In the **Deprovision target if:** section, select the **Source object is deleted or is out of synchronization scope** check box.
8. Alternatively, configure the **Source object meets these criteria** as required.
9. Click **Next**.
10. In the **Target connected system:** field, click **Specify...**
11. Locate your IBM AS/400® connector and complete the steps in the wizard.

12. The **Target object type** is prefilled automatically to **os400-usrprf**.
13. Click **Next**.
14. Select **Delete target object**.
15. Click **Finish** to complete this synchronization step.

Deprovisioning (users)

To deprovision users

1. Navigate to the **Workflow** tab.
2. Click **Add synchronization step**.
3. Click **Deprovision** and then **Next**.
4. In the Source connected system section, click **Specify...**
5. Select your Active Directory® Connector and click **Finish**.
6. Verify the **Source object type** is set to user.
7. In the **Deprovision target if:** section, select the **Source object is deleted or is out of synchronization scope** check box.
8. Alternatively, configure the Source object meets these criteria as required.
9. Click **Next**.
10. In the **Target connected system:** field, click **Specify...**
11. Locate your IBM AS/400® connector and complete the steps in the wizard.
12. The **Target object type** is prefilled automatically to **os400-usrprf**.
13. Click **Next**.
14. Select **Delete target object**.
15. Click **Finish** to complete this synchronization step.

Configuring IBM AS/400® password synchronization

Passwords are only captured from Active Directory® when the One Identity Quick Connect capture module is installed.

NOTE: Password synchronization is possible in one direction only, from Active Directory to IBM AS/400®.

Please refer to Automated Password Synchronization in the One Identity Quick Connect v5 documentation for further configuration information.

To enable password synchronization from Active Directory® to IBM AS/400®

1. Navigate to the One Identity Quick Connect Administration Console.
2. Click the **Password Sync** tab.
3. Click **Add password sync rule**.
4. Click **Specify....**
5. Select your Active Directory Connector and click **Finish**.
6. Click **Next**.
7. Click **Specify....**
8. Select your AS/400 Connector and click **Finish**.
9. Optionally configure the **Password Sync** settings.
10. Click **Finish**.



One Identity Quick Connect for IBM AS/400® database attributes

This section lists the One Identity Quick Connect for IBM AS/400® database attributes and defines any changes made when writing data to or reading data from an AS/400 server.

The section contains two tables. One defining any changes made when writing attribute values to an AS/400 and the other defining any changes made when reading attribute values from an AS/400.

Writing data to the IBM AS/400®

Table 2: Writing data to the IBM AS/400

OS/400 Attribute	Description	Changes made by the Connector
objectClass	Describes an LDAP attribute's class	None
os400-acgcde	Accounting code associated with the user. Values can be a character value (15 characters, padded with blanks if fewer than 15 characters), or *BLANK	None
os400-astlvl	Assistance level. Sets which interface to use	None
os400-atnpgm	Attention-key-handling program for this user	None
os400-audlvl	Actions to be audited	None
os400-ccsid	Coded character set identifier	None
os400-chridctl	Character identifier control	None
os400-cntryid	Country or region identifier	None
os400-curlib	Current library for jobs initiated by this user profile	None
os400-dlvry	Delivery mode that specifies how messages sent to the message queue for this user are to be delivered	None
os400-docpwd	Document password	None
os400-dspsgninf	Display sign-on information - *NO, *YES or *SYSVAL	None
os400-eimassoc	EIM association process	None
os400-gid	Group identification number for this user profile. You can assign the GID to a user who does not have an associated group profile	None
os400-groupmember	Contains the names of all users in a group profile	None
os400-grpaut	Authority given to the group profile for newly created objects. Values can be *NONE, *ALL, *CHANGE, *USE, or *EXCLUDE	None
os400-grpauttyp	Group authority type; *PRIVATE, *PGP	None

OS/400 Attribute	Description	Changes made by the Connector
os400-grpprf	User's group profile name whose authority is used if no specific authority is given for the user or *NONE	None
os400-homedir	Pathname of the user's home directory	None
os400-inlmnu	Initial menu displayed when the user signs on the system if the user's routing program is the command processor	None
os400-inlpgm	For an interactive job, the program called whenever a new routing step is started that has QCMD as the request processing program	None
os400-invalidSignonCount	Total number of invalid sign-ons since last successful sign-on	None
os400-IsapStorageInformation	User's IASP storage information	None
os400-jobd	Fully qualified integrated file-system path name of the job description used for jobs that start through subsystem work station entries	None
os400-kbdbuf	Keyboard buffering used when a job is initiated for this user	None
os400-langid	Language identifier for the user	None
os400-lclpwdmgmt	Local profile password management	None
os400-lmtcpb	Limit capabilities for this user	None
s400-lmtdevssn	Limit for number of device sessions for this user	None
s400-locale	Locale	None
s400-maxstg	Maximum amount of auxiliary storage in kilobytes	None
os400-msgq	Message queue where messages are sent for this user	None
os400-objaud	Object auditing value	None
os400-outq	Output queue for this user profile	None
os400-owner	Owner of new objects created by this user	None
os400-password	User's password	None

OS/400 Attribute	Description	Changes made by the Connector
os400-passwordExpirationDate	Password expiration date	None
os400-passwordLastChanged	Password last changed date	None
os400-previousSignon	Date of last log in	None
os400-profile	User or group profile name. Required. Not updatable. The user name can be a maximum of 10 characters, including any letter (A-Z), a number (0-9), and the following special characters: pound (#), dollar (\$), underscore (_), and at (@). The first character cannot be a number	Any internal spaces are removed
os400-prtdev	Default print device for this user	None
os400-ptylmt	Highest scheduling priority the user is allowed to have for each job submitted to the system. Values can be 0 (highest) through 9 (lowest)	None
os400-pwdexp	Boolean. Set password to expired – either *NO or *YES	None
s400-pwdexpitv	Password expiry interval ; 1-366, *SYSVAL, *NOMAX	None
os400-setjobatr	Locale job attributes. Can be multi-valued	None
os400-sev	Severity code filter. 0 – 99	None
os400-spcaut	List of special authorities for this user. Can have multiple values	None
os400-spcenv	Special environment for this user	None
os400-srtseq	Sort sequence table used for string comparisons for this user	None
os400-status	Account status – either *ENABLED or *DISABLED	None
os400-storageUsed	Storage used	None
os400-storageUsedonIasp	Storage used on independent ASP	None
os400-supgrpprf	List of the user's supplemental group profiles. Can	None

OS/400 Attribute	Description	Changes made by the Connector
	have multiple values	
os400-text	Text up to 40 characters describing the object (OS/400 account)	Null value ("") replaced with '*BLANK'
os400-uid	User identification number that identifies a user on the OS/400 target system. Range is 1 to 4294967294. The UID must not already be assigned to another user profile	None
os400-usrcls	Type of user associated with this user profile: security officer, security administrator, programmer, system operator, or user	None
os400-usropt	Level of help information detail to be shown and the function of the Page Up and Page Down keys by default	None

Reading data from the IBM AS/400®

Table 3: Reading data from the IBM AS/400

OS/400 Attribute	Description	Changes made by the Connector
objectClass	Describes an LDAP attribute's class	None
os400-acgcde	Accounting code associated with the user. Values can be a character value (15 characters, padded with blanks if fewer than 15 characters), or *BLANK	None
os400-astlvl	Assistance level. Sets which interface to use	None
os400-atnpgm	Attention-key-handling program for this user	None
os400-audlvl	Actions to be audited	None
os400-ccsid	Coded character set identifier	None
os400-chridctl	Character identifier control	None

OS/400 Attribute	Description	Changes made by the Connector
os400-cntryid	Country or region identifier	None
os400-curlib	Current library for jobs initiated by this user profile	None
os400-dlvry	Delivery mode that specifies how messages sent to the message queue for this user are to be delivered	None
os400-docpwd	Document password	None
os400-dspsgninf	Display sign-on information - *NO, *YES or *SYSVAL	None
os400-eimassoc	EIM association process	None
os400-gid	Group identification number for this user profile. You can assign the GID to a user who does not have an associated group profile	None
os400-groupmember	Contains the names of all users in a group profile	None
os400-grpaut	Authority given to the group profile for newly created objects. Values can be *NONE, *ALL, *CHANGE, *USE, or *EXCLUDE	None
os400-grpauttyp	Group authority type; *PRIVATE, *PGP	None
os400-grpprf	User's group profile name whose authority is used if no specific authority is given for the user or *NONE	None
os400-homedir	Pathname of the user's home directory	None
os400-inlmnu	Initial menu displayed when the user signs on the system if the user's routing program is the command processor	None
os400-inlpgm	For an interactive job, the program called whenever a new routing step is started that has QCMD as the request processing program	None
os400-invalidSignonCount	Total number of invalid sign-ons since last successful sign-on	None
os400-IsapStorageInformation	User's IASP storage information	None

OS/400 Attribute	Description	Changes made by the Connector
os400-jobd	Fully qualified integrated file-system path name of the job description used for jobs that start through subsystem work station entries	None
os400-kbdbuf	Keyboard buffering used when a job is initiated for this user	None
os400-langid	Language identifier for the user	None
os400-lclpwdmgmt	Local profile password management	None
os400-lmtcpb	Limit capabilities for this user	None
s400-lmtdevssn	Limit for number of device sessions for this user	None
s400-locale	Locale	None
s400-maxstg	Maximum amount of auxiliary storage in kilobytes	None
os400-msgq	Message queue where messages are sent for this user	None
os400-objaud	Object auditing value	None
os400-outq	Output queue for this user profile	None
os400-owner	Owner of new objects created by this user	None
os400-password	User's password	None
os400-passwordExpirationDate	Password expiration date	None
os400-passwordLastChanged	Password last changed date	None
os400-previousSignon	Date of last log in	None
os400-profile	User or group profile name. Required. Not updatable. The user name can be a maximum of 10 characters, including any letter (A-Z), a number (0-9), and the following special characters: pound (#), dollar (\$), underscore (_), and at (@). The first character cannot be a number	Any internal spaces are removed
os400-prtdev	Default print device for this user	None
os400-ptylmt	Highest scheduling priority the user is allowed to	None

OS/400 Attribute	Description	Changes made by the Connector
	have for each job submitted to the system. Values can be 0 (highest) through 9 (lowest)	
os400-pwdexp	Boolean. Set password to expired – either *NO or *YES	None
s400-pwdexpitv	Password expiry interval ; 1-366, *SYSVAL, *NOMAX	None
os400-setjobatr	Locale job attributes. Can be multi-valued	None
os400-sev	Severity code filter. 0 – 99	None
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os400-srtseq	Sort sequence table used for string comparisons for this user	None
os400-status	Account status – either *ENABLED or *DISABLED	None
os400-storageUsed	Storage used	None
os400-storageUsedonIasp	Storage used on independent ASP	None
os400-supgrpfr	List of the user's supplemental group profiles. Can have multiple values	None
os400-text	Text up to 40 characters describing the object (OS/400 account)	Null value ("") replaced with '*BLANK'
os400-uid	User identification number that identifies a user on the OS/400 target system. Range is 1 to 4294967294. The UID must not already be assigned to another user profile	None
os400-usrcls	Type of user associated with this user profile: security officer, security administrator, programmer, system operator, or user	None
os400-usropt	Level of help information detail to be shown and the function of the Page Up and Page Down keys by default	None

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

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