# software AG

# ARIS USER MANAGEMENT
# COMMAND-LINE TOOL

VERSION 10.0 - SERVICE RELEASE 16
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# software AG

# Contents

# 1     Command line tools for the ARIS Administration

ARIS provides a set of command-line tools that can be used to perform administrative operations.

There are always at least two tenants, the tenant **default** and the tenant **master**. Most command-line operations require user authentication. The provided user must have sufficient permissions to perform the requested operation, for example, a tenant create, read, update or delete can only be performed by administrators of tenant **master**.

- ARIS must be running.

- The command-line tools must be executed in the following path:

   ARIS installation path>/server/bin/work/word_umcadmin_< your installation size, for example, s,m, or l>**/tools/bin** for Windows® operating systems

   and

   ARIS installation path>/cloudagent/bin/work/word_umcadmin_< your installation size, for example, s,m, or l>**/tools/bin** for Linux operating systems.

The following command line tools are provided:

- y-datadump.bat

- y-elasticsearch.bat

- y-ldapsync.bat

- y-password.bat

- y-tenantmgmt.bat

For more information about parameters and commands please type the tool name followed by **/?** or **-?**, for example **y-datadump.bat -?**.

For Unix operating systems, command-line tools (sh files) can only be started by the **aris10** user, for example, enter: **su -c y-datadump.sh aris10**.

The following command line tools are provided:

- y-datadump.sh

- y-elasticsearch.sh

- y-ldapsync.sh

- y-password.sh

- y-tenantmgmt.sh

# 1.1      Password encryption

There are many places where you might want to use and store a password. The **y-password.bat** can be used to encrypt these passwords. Enter the tool name followed by **/?** or **-?** to see the usage instructions, for example **y-password.bat -?**.

**Procedure**

Open a command prompt on the above folder (**Start > Run > cmd**).

1.    Enter **y-password.bat <option> <password>**

2.    Mark and copy the encrypted password and paste it to your configuration file or use it directly from command line.

The following is output:

[CLI] Setting verbosity level... [VALUE: 0=OFF]

[CLI] Plain:            <password>

[CLI] Encrypted:     f4a28327ad2f0c87336dd74fe0a70c39

**General usage**

| Options | Description |
|---|---|
| -?, -h, --help | Show help |
|  | Default: false |

| Commands | Description |
|---|---|
| encrypt | encrypts the password |

**Example**

**Input**

y-password.bat encrypt aris

**Output**

[CLI] Setting verbosity level... [VALUE: 0=OFF]

[CLI] Plain:            aris

[CLI] Encrypted:     f4a28327ad2f0c87336dd74fe0a70c39

**Usage of an encrypted password from command line**

This example shows how to use the encrypted password while executing the LDAP synchronization from the command line.

**Input**

y-ldapsync.bat syncUser -au <user_name> -u system -p {crypted}f4a28327ad2f0c87336dd74fe0a70c39

**Output**

```
Connected to User Management at end point 'http://servername:1080/umc' for tenant 'default'.
Synchronizing user 'system' with LDAP...
Synchronization of user with LDAP is complete.
```

## 1.2       Tenant Management

The batch file **y-tenantmgmt.bat** can be used to manage tenants. Enter the tool name followed by **/?** or **-?** to see the usage instructions, for example **y-tenantmgmt.bat -?**.

Please use **y-tenantmgmt.bat** for Windows® operating systems and **y-tenantmgmt.sh** for Unix operating systems.

> **Warning**
>
> To avoid data inconsistencies and possible data loss, you must not perform any of the following activities in parallel, neither manually nor scheduled:
>
> - Deleting any Process Governance process instance, process version, or process
>
> - Archiving Process Governance process instances
>
> - Backup/restore tenant (containing Process Governance or ARIS document storage data)

Using some advanced ACC commands, you can create a tenant, import a license and restore a database in one step. If you do not use the standard database system, please make sure to create additional schemes in your Oracle or Microsoft SQL database management system and you have assigned the tenants to these schemes.

You must redirect the ports in case of a Linux operating system.

**Prerequisites**

- ARIS Server installation

- Users need the function privileges **License administrator**, **User administrator**, **Technical configuration administrator**.

  Users need to login as **superuser** or they need either an **ARIS Architect** license or an **ARIS UML Designer** license.

**Procedure**

1. Open a command prompt (**Start > Run > cmd**).

2. Enter **y-tenantmgmt.bat** followed by **/?** or **-?** to display the help, for example **y-tenantmgmt.bat -?**.

   Enter **y-tenantmgmt.bat -t <tenant name> <command> -u <user name> -p <password>** to enter a command (page 5). Parameters may differ.

After creating a tenant, you must import the relevant license and create the users. You can do so from the command line or using the graphical user interface ARIS Administration.

You are recommended to change the password of the default user **system** immediately after the installation.

## 1.3      Parameters for y-tenantmgmt.bat/y-tenantmgmt.sh

**General usage**

| Options | Description |
| --- | --- |
| -?, -h, --help | Show help, default: false |
| -s, --server | URL of the server, for example, http://my_host_url:<port number other than default port 80 or 1080> |

| Commands | Description | Parameters |
| --- | --- | --- |
| anonymize | Anonymizes the audit log files.<br><br>This is compliant to GDPR. The **G**eneral **D**ata **P**rotection **R**egulation (GDPR) protects individuals' personal data within the European Union. It also regulates the export of personal data outside the EU. GDPR is a regulation by the European Parliament, the Council of the European Union, and the European Commission. | Please note that you must wait at least 30 minutes after the deletion of the user from User Management before you can start the anonymization process.<br><br>Usage: anonymize [options]<br><br>Options:<br><br>* -n, --name<br>    Name of the user or user group<br><br>-p, --password<br>  Password of executor, default: superuser<br><br>* -type, --type<br>    UUID type is **user** or **user group**<br><br>-u, --user<br>  User name of the executor, default: superuser |

| Commands | Description | Parameters |
|----------|-------------|------------|
| assignLicense | Assigns a license to user. | Usage: assignLicense [options]<br><br>Options:<br><br>-ag, --affectedGroup<br>  Name of affected user group, default: []<br><br>-au, --affectedUser<br>  User name of affected user, default: []<br><br>* -l, --license<br>  Product code, default: []<br><br>-p, --password<br>  Password of the executor, default: superuser<br><br>-u, --user<br>  User name of the executor, default: superuser |
| assignPrivilege | Assigns privileges | Usage: assignPrivilege [options]<br><br>Options:<br><br>-ag, --affectedGroup<br>  Name of affected user group, default: []<br><br>-au, --affectedUser<br>  User name of affected user, default: []<br><br>-p, --password<br>  Password of the executor, default: superuser<br><br>* -pr, --privilege<br>   Privilege, default: []<br><br>-u, --user<br>  User name of the executor, default: superuser |

| Commands | Description | Parameters |
|---|---|---|
| assignUser | Associates a user to a user group. | Usage: assignUser [options]<br><br>Options:<br><br>* -ag, --affectedGroup<br><br>    Name of affected user group<br><br>* -au, --affectedUser<br><br>    User name of affected user<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |
| changePassword | Changes a password. | Usage: changePassword [options]<br><br>Options:<br><br>* -ap, --affectedPassword<br><br>    Password of affected user<br><br>* -au, --affectedUser<br><br>    User name of affected user<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |
| checkLicense | Checks tenant license. | Usage: checkLicense [options]<br><br>Options:<br><br>* -l, --license<br><br>    Product code, default: []<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |

| Commands | Description | Parameters |
|---|---|---|
| createGroup | Creates a user group. | Usage: createGroup [options]<br><br>Options:<br><br>-ad, --affectedDescription<br><br>  Description of affected user group<br><br>* -ag, --affectedGroup<br><br>    Name of affected user group<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>    User name of the executor, default: superuser |
| createMiningServer | Creates ARIS Process Mining server application | Usage: createMiningServer [options]<br><br>Options:<br><br>-aid, --applicationClientId<br><br>Client ID of the affected application<br><br>-asec, --applicationClientSecret<br><br>Client secret of the affected application<br><br>-as, --applicationScopes<br><br>API scopes of the affected application<br><br>-p, --password<br><br>Password of editor<br><br>Default: superuser<br><br>-u, --user<br><br>User name of editor<br><br>Default: superuser |

| Commands | Description | Parameters |
|---|---|---|
| createTenant | Creates a new tenant. | Usage: createTenant [options]<br><br>Options:<br><br>-u, --user<br><br>  User name of the executor, default: superuser<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-t, --tenant <TENANTNAME> (mandatory)<br><br>For tenant names please only use up to 25 lowercase ASCII characters and numbers. The name must begin with a character. Special characters, such as _ and characters, for example, in Chinese, Cyrillic or Arabic cannot be used.<br><br>--arisservicePassword (-arisservicep) <PASSWORD><br><br>--superuserPassword (-superuserp) <PASSWORD><br><br>--systemPassword (-systemp) <PASSWORD> |

| Commands | Description | Parameters |
|----------|-------------|------------|
| createUser | Creates a new user. | Usage: createUser [options] |
|  |  | Options: |
|  |  | -ad, --affectedDescription |
|  |  | Description of affected user |
|  |  | -ae, --affectedEmail |
|  |  | E-mail address of affected user |
|  |  | -af, --affectedFirstName |
|  |  | First name of affected user |
|  |  | -al, --affectedLastName |
|  |  | Last name of affected user |
|  |  | -ap, --affectedPassword |
|  |  | Password of affected user |
|  |  | * -au, --affectedUser |
|  |  | User name of affected user |
|  |  | -p, --password |
|  |  | Password of the executor, default: superuser |
|  |  | -u, --user |
|  |  | User name of the executor, default: superuser |
| deleteGroup | Deletes a user group. | Usage: deleteGroup [options] |
|  |  | Options: |
|  |  | * -ag, --affectedGroup |
|  |  | Name of affected user group |
|  |  | -p, --password |
|  |  | Password of the executor, default: superuser |
|  |  | -u, --user |
|  |  | User name of the executor, default: superuser |

| Commands | Description | Parameters |
|---|---|---|
| deleteLicense | Deletes the licenses for a product. | Usage: deleteLicense [options]<br><br>Options:<br><br>* -l, --license<br><br>    Product code<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |
| deleteTenant | Deletes an existing tenant. | Usage: deleteTenant [options]<br><br>Options:<br><br>* -au, --affectedUser<br><br>    User name of affected user<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>User name of the executor, default: superuser |
| deleteUser | Deletes an existing user. | Usage: deleteUser [options]<br><br>Options:<br><br>--user (-u) <USERNAME> (mandatory)<br><br>--password (-p) <PASSWORD> (mandatory)<br><br>--tenant (-t) <TENANTNAME> (mandatory)<br><br>--affectedUser (-au) <USERLOGIN> (mandatory) |

| Commands | Description | Parameters |
|----------|-------------|------------|
| exportAuditLog Export | Exports audit events | Usage: exportAuditLog [options] |
| | | Options: |
| | | -ed, --endDate |
| | | End date in format yyyy-MM-dd HH:mm:ss |
| | | -ev, --eventTypes |
| | | Comma-separated list of events (page 4) |
| | | Default: ALL |
| | | -f, --file |
| | | Name and location of the export file |
| | | * -ff, --fileFormat |
| | | Format of the file to be exported as CSV or JSON. If the format is not specified, events will be exported in CSV format. |
| | | Default: CSV |
| | | -p, --password |
| | | Password of editor |
| | | Default: superuser |
| | | -sd, --startDate |
| | | Start date in format yyyy-MM-dd HH:mm:ss |
| | | -u, --user |
| | | User name of editor |
| | | Default: superuser |
| exportConfig | Exports configuration of tenant. | Usage: exportConfig [options] |
| | | Options: |
| | | -f, --file |
| | | Configuration file, default: umc.properties |
| | | -p, --password |
| | | Password of the executor, default: superuser |
| | | -u, --user |
| | | User name of the executor, default: superuser |

| Commands | Description | Parameters |
|---|---|---|
| getTenant | Prints information about a tenant. | Usage: getTenant [options]<br><br>Options:<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |
| getUser | Prints information about a user. | Usage: getUser [options]<br><br>Options:<br><br>* -au, --affectedUser<br><br>    User name of affected user<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |
| importConfig | Updates configuration of tenant. | Usage: importConfig [options]<br><br>Options:<br><br>-f, --file<br><br>  Configuration file, default: umc.properties<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |

| Commands | Description | Parameters |
|---|---|---|
| importConfigFile | Updates the tenant configuration file. | Usage: importConfigFile [options]<br><br>Options:<br><br>-f, --file<br><br>  Configuration file<br><br>-o, --option<br><br>  Configuration option<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |
| importLicense | Imports license files for a tenant . | Usage: importLicense [options]<br><br>Options:<br><br>-f, --file<br><br>  Lincense file, default: license.zip<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |
| listPrivileges | Lists the privileges of the user mentioned in the command | Usage: listPrivileges [options]<br><br>Options:<br><br>-au, --affectedUser<br><br>  User name of affected user<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |

| Commands | Description | Parameters |
|---|---|---|
| listTenants | Lists all existing tenants. | Usage: listTenants [options]<br><br>Options:<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |
| purgeAuditLog ByUser | Deletes all audit logs of a deleted user. | Usage: purgeAuditLogByUser [options]<br><br>Options:<br><br>* -ed, --endDate<br><br>    End date in format (yyyy-MM-dd HH:mm:ss)<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-sd, --startDate<br><br>  Start date in format (yyyy-MM-dd HH:mm:ss)<br><br>  u, --user<br><br>  User name of the executor, default: superuser |

| Commands | Description | Parameters |
|---|---|---|
| saveApplication | Registers an external application. | Usage: saveApplication [options]<br>Options:<br>-aid, --applicationClientId<br>Client ID of the affected application<br>-asec, --applicationClientSecret<br>Client secret of the affected application<br>-ad, --applicationDescription<br>Description of the affected application<br>-an, --applicationName<br>Application name of the affected application<br>-as, --applicationScopes<br>API scopes of the affected application<br>-p, --password<br>Password of editor<br>Default: superuser<br>-u, --user<br>User name of editor<br>Default: superuser |
| unassignLicense | Removes a license from user. | Usage: unassignLicense [options]<br>Options:<br>-ag, --affectedGroup<br>  Name of affected user group<br>-au, --affectedUser<br>  User name of affected user<br>* -l, --license<br>    Product code<br>-p, --password<br>  Password of the executor, default: superuser<br>-u, --user<br>  User name of the executor, default: superuser |

| Commands | Description | Parameters |
|---|---|---|
| unassignPrivilege | Removes the privilege assignment. | Usage: unassignPrivilege [options]<br><br>Options:<br><br>-ag, --affectedGroup<br><br>  Name of affected user group<br><br>-au, --affectedUser<br><br>  User name of affected user<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>* -pr, --privilege<br><br>    Privilege<br><br>-u, --user<br><br>  User name of the executor, default: superuser |
| unassignUser | Removes a user from a user group. | Usage: unassignUser [options]<br><br>Options:<br><br>* -ag, --affectedGroup<br><br>    Name of affected user group<br><br>* -au, --affectedUser<br><br>    User name of affected user<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |

| Commands | Description | Parameters |
|---|---|---|
| updateLicense | Replaces the license file for a tenant. | Usage: updateLicense [options]<br><br>Options:<br><br>-f, --file<br><br>  Lincense file, default: license.zip<br><br>* -l, --license<br><br>    Product code, default: []<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |
| updateUser | Updates an existing user. | Usage: updateUser [options]<br><br>Options:<br><br>-ad, --affectedDescription<br><br>  Description of affected user<br><br>-ae, --affectedEmail<br><br>  E-mail address of affected user<br><br>-af, --affectedFirstName<br><br>  First name of affected user<br><br>-al, --affectedLastName<br><br>  Last name of affected user<br><br>* -au, --affectedUser<br><br>    User name of affected user<br><br>-p, --password<br><br>  Password of the executor, default: superuser<br><br>-u, --user<br><br>  User name of the executor, default: superuser |

**Examples**

The following line creates a tenant with name **test**. Please pay attention to the order of parameters.

```
y-tenantmgmt.bat -s http://my_aris_host.com -t test createTenant -u system
-p manager
```

The following line creates a new tenant with name **test01**, port used 81, and initial system user password **abc**. Please pay attention to the order of parameters.

```
y-tenantmgmt.bat -s http://my_aris_host.com:81 -t test01 createTenant -u
system -p manager -systemp abc
```

The following line gets information of the default tenant.

```
y-tenantmgmt.bat -s http://my_aris_host.com -t default getTenant -u system
-p manager
```

The following line updates the configuration of default tenant.

```
y-tenantmgmt.bat -s http://my_aris_host.com -t default importConfig -f
sldapconfig.properties  -u superuser -p superuser
```

The following line assigns a license configuration to the user my_user.

```
y-tenantmgmt.bat -s http://my_aris_host.com-t default -assignLicense au
my_user -l YCZUS -u system -p manager
```

# 1.4    List of technical names of audit events

- CONFIG_CHANGE
- CONFIG_FILE_IMPORT
- CONFIG_FILE_DELETION
- DATA_IMPORT
- GROUP_CREATION
- GROUP_UPDATE
- GROUP_DELETION
- GROUP_GROUP_ASSIGNMENT
- USER_GROUP_ASSIGNMENT
- ESCALATION_MANAGER_GROUP_ASSIGNMENT
- GROUP_GROUP_UNASSIGNMENT
- USER_GROUP_UNASSIGNMENT
- ESCALATION_MANAGER_GROUP_UNASSIGNMENT
- LDAP_IMPORT
- LDAP_SYNC
- LICENSE_IMPORT
- LICENSE_DELETION
- LICENSE_SEAT_ALLOCATION
- LICENSE_SEAT_DEALLOCATION
- LICENSE_USER_LIMIT_VIOLATION
- LICENSE_USER_GROUP_LIMIT_VIOLATION
- LOGIN_SUCCESSFUL

- LOGIN_FAILED
- LOGIN_RENEWAL
- LOGOUT
- LOGOUT_FORCED
- ORGCHART_UPDATE
- ORGCHART_DELETION
- OTP_GENERATION
- PASSWORD_CHANGE
- PASSWORD_RESET
- PASSWORD_TRANSFER
- PICTURE_IMPORT
- PICTURE_DELETION
- PRIVILEGE_ASSIGNMENT
- PRIVILEGE_UNASSIGNMENT
- TENANT_CREATION
- TENANT_UPDATE
- TENANT_DELETION
- USER_CREATION
- USER_UPDATE
- USER_DELETION
- USER_SETTING_ADDED
- USER_SETTING_REMOVED
- IMPERSONATION_SUCCESSFUL
- IMPERSONATION_FAILED
- AUDIT_PURGE
- LICENSE_RULE_CREATED
- LICENSE_RULE_UPDATED
- LICENSE_RULE_DELETED
- LICENSE_RULE_ACTIVATED
- LICENSE_RULE_DEACTIVATED
- APPLICATION_CREATION
- APPLICATION_UPDATE
- APPLICATION_DELETION

- APPLICATION_TOKEN_REFRESH
- APPLICATION_SESSION_CREATION
- APPLICATION_SESSION_DESTROY
- APPLICATION_CLIENT_CREDENTIALS_GENERATED
- API_SCOPE_CREATION
- API_SCOPE_UPDATE
- API_SCOPE_DELETION
- API_CREATION
- API_UPDATE
- API_DELETION
- AUTHORIZATION_CODE_CREATION
- AUTHORIZATION_CODE_DELETION
- CONFIRM_CONSENT_CREATION
- CONFIRM_CONSENT_DELETION
- EXTERNAL_ACCESS_TOKEN_CREATION
- EXTERNAL_ACCESS_TOKEN_DELETION
- REFRESH_TOKEN_CREATION
- REFRESH_TOKEN_DELETION
- SCIM_PROVISION_SUCCESSFUL
- SCIM_PROVISION_FAILED

# 1.5      LDAP synchronization

The batch file **y-ldapsync.bat** can be used to synchronize the ARIS Administration with LDAP. Enter the tool name followed by **/?** or **-?** to see the usage instructions, for example **y-ldapsync.bat -?**.

You must redirect the ports in case of a Linux operating system.

**Procedure**

1.  Open a command prompt (**Start > Run > cmd**).

2.  Enter **y-ldapsync.bat -s <http://host_url:<port number other than default port 80 or** 1080**>> -t <tenant name> <command> -u <user name> -p <password>**

Users are synchronized or imported from an LDAP system.

**General usage**

| Options | Description |
|---|---|
| -?, -h, --help | Show help |
| -u | User name of the relevant user. |
| -p | Password of the relevant user. |
| -f | LDAP search filter |
| -s, --server | URL of the server, for example, http://my_host_url:<port number other than default port 80 or 1080> |
| -t, --tenant | Tenant name<br>Default: default |

| Commands | Description |
|---|---|
| importUsers | Imports users from an LDAP system, the spelling is case sensitive. |
| | * -f, --filter |
| | Search filter for LDAP as defined in RFC 2254, for example, '(cn=*)'. The filter will be combined with the configured import filters. |
| | -p, --password |
| | Password of the executor |
| | Default: superuser |
| | -u, --user |
| | User name of the executor |
| | Default: superuser |
| importGroups | Imports a hierarchy from an LDAP system, the spelling is   case sensitive. |
| | * -f, --filter |
| | Search filter for LDAP as defined in RFC 2254, for example, '(cn=*)'. The filter will be combined with the configured import filters. |
| | -p, --password |
| | Password of the executor |
| | Default: superuser |
| | -u, --user |
| | User name of the executor |
| | Default: superuser |
| removeUserAttribute | Deletes an attribute of a user in the ARIS Administration. |
| | -au,--affectedUser |
| | User name of affected user |
| | -aa,-affectedAttribute |
| | Attribute of affected user |
| syncUser | Synchronizes a specific existing user with an LDAP system, the spelling is   case sensitive. |

| Commands | Description |
|---|---|
| syncUsers | Synchronizes existing users with an LDAP system, the spelling is   case sensitive. |
|  |  * -au, --affectedUser |
|  | User name of affected user |
|  | -p, --password |
|  | Password of the executor |
|  | Default: superuser |
|  | -u, --user |
|  | User name of the executor |
|  | Default: superuser |
| syncGroup | Synchronizes a specific existing group with an LDAP system, the spelling is   case sensitive. |
|  | * -ag, --affectedGroup |
|  | Name of the affected user group |
|  | -p, --password |
|  | Password of the executor |
|  | Default: superuser |
|  | -u, --user |
|  | User name of the executor |
|  | Default: superuser |
| syncGroups | Synchronizes existing groups with an LDAP system, the spelling is   case sensitive. |
|  | -p, --password |
|  | Password of the executor |
|  | Default: superuser |
|  | -u, --user |
|  | User name of the executor |
|  | Default: superuser |

**Example 1**

y-ldapsync.bat -s http://my_aris_host.com -t default importUsers -u system -p manager -f (cn=userID)

[CLI] Setting verbosity level... [VALUE: 0=OFF]

[CLI] Importing users... [TENANT: 30ff3081-aa9e-33e7-a7d7-5f9d00ae89ee, FILTER: (cn=userID)]

[CLI] Users successfully imported. [TENANT: 30ff3081-aa9e-33e7-a7d7-5f9d00ae89ee, COUNT: 1]

[CLI] CN=myuser,OU=Users,DC=mydomain

**Example 2**

Import all users from an LDAP system.

y-ldapsync.bat -s http://my_aris_host.com:81 -t default importUsers -u system -p manager -f (cn=*)

## 1.6       Data migration

Enter the tool name followed by **/?** or **-?** to display the instructions, for example **y-datadump.bat -?**. In case of a data import, the target database has to be empty.

You must redirect the ports in case of a Linux operating system.

<div style="background-color:orange; padding:10px">

**Warning**

Do not store backup files in ARIS document storage.

</div>

**Procedure**

1.    Open a command prompt (**Start > Run > cmd**).

2.    Enter **y-datadump.bat -s <http://host_url:<port number other than default port 80 or** 1080**>> -t <tenant name > <command> -u <user name> -p >password> -f <dump file>**

In this case, a dump file written containing the database content. The following is output:

[CLI] Setting verbosity level... [VALUE: 0=OFF]

[CLI] Exporting data... [TENANT: 30ff3081-aa9e-33e7-a7d7-5f9d00ae89ee, FILE: C:\out.zip]

[CLI] Data successfully exported. [TENANT: 30ff3081-aa9e-33e7-a7d7-5f9d00ae89ee]

**General usage**

| Options | Description |
|---------|-------------|
| -?, -h, --help | Show help |
| -f | File name of the dump file. |
| -s, --server | URL of the server, URL of the server, for example, http://my_host_url:<port number other than default port 80 **or** 1080> |
| -t, --tenant | Tenant name<br>Default: default |

| Commands | Description |
|---|---|
| export | Exports all data of the specified tenant to a data dump file. Currently, a dump contains the following information:<br><br>▪ tenant<br><br>▪ users<br><br>▪ groups<br><br>▪ user-group assignments<br><br>▪ profile pictures (optional)<br><br>▪ permissions, dependent on the privileges of the user who enters the command<br><br>▪ licenses, dependent on the privileges of the user who enters the command<br><br>▪ configuration, dependent on the privileges of the user who enters the command<br><br>The data is stored in **JSON** format and packed into an encrypted **ZIP** file. The ZIP file can be restored using the same command line tool. |
| import | Imports a data base dump from a file. |

**Example**

In this example, data is exported into a dump file.

y-datadump.bat –s <http://host_url> –t default export –u system –p manager –f "C:\backup\backup.zip"

# 2 Legal information

## 2.1 Documentation scope

The information provided describes the settings and features as they were at the time of publishing. Since documentation and software are subject to different production cycles, the description of settings and features may differ from actual settings and features. Information about discrepancies is provided in the Release Notes that accompany the product. Please read the Release Notes and take the information into account when installing, setting up, and using the product.

If you want to install technical and/or business system functions without using the consulting services provided by Software AG, you require extensive knowledge of the system to be installed, its intended purpose, the target systems, and their various dependencies. Due to the number of platforms and interdependent hardware and software configurations, we can describe only specific installations. It is not possible to document all settings and dependencies.

When you combine various technologies, please observe the manufacturers' instructions, particularly announcements concerning releases on their Internet pages. We cannot guarantee proper functioning and installation of approved third-party systems and do not support them. Always follow the instructions provided in the installation manuals of the relevant manufacturers. If you experience difficulties, please contact the relevant manufacturer.

If you need help installing third-party systems, contact your local Software AG sales organization. Please note that this type of manufacturer-specific or customer-specific customization is not covered by the standard Software AG software maintenance agreement and can be performed only on special request and agreement.

## 2.2     Support

If you have any questions on specific installations that you cannot perform yourself, contact your local Software AG sales organization (https://www.softwareag.com/corporate/company/global/offices/default.html). To get detailed information and support, use our websites.

If you have a valid support contract, you can contact **Global Support ARIS** at: **+800 ARISHELP**. If this number is not supported by your telephone provider, please refer to our Global Support Contact Directory.

### ARIS COMMUNITY

Find information, expert articles, issue resolution, videos, and communication with other ARIS users. If you do not yet have an account, register at ARIS Community**.**

### SOFTWARE AG EMPOWER PORTAL

You can find documentation on the Software AG Documentation website (https://empower.softwareag.com/). The site requires credentials for Software AG's Product Support site **Empower**. If you do not yet have an account for **Empower**, send an e-mail to empower@softwareag.com with your name, company, and company e-mail address and request an account.

If you have no account, you can use numerous links on the TECHcommunity website. For any questions, you can find a local or toll-free number for your country in our Global Support Contact Directory and give us a call.

### TECHCOMMUNITY

On the **TECHcommunity** website, you can find documentation and other technical information:

- Use the online discussion forums, moderated by Software AG professionals, to ask questions, discuss best practices, and learn how other customers are using Software AG technology.

- Access articles, code samples, demos, and tutorials.

- Find links to external websites that discuss open standards and web technology.

- Access product documentation, if you have **TECHcommunity** credentials. If you do not, you will need to register and specify **Documentation** as an area of interest.

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If you have an account for **Empower**, use the following sites to find detailed information or get support:

- You can find product information on the Software AG Empower Product Support website.

- To get information about fixes and to read early warnings, technical papers, and knowledge base articles, go to the Knowledge Center.

- Once you have an account, you can open Support Incidents online via the eService section of Empower.

- To submit feature/enhancement requests, get information about product availability, and download products, go to Products.

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