



# Users Configuration for ARC 4.0

Version 4.0

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# 1 Introduction

User authentication in ARC is managed by third-party authentication providers.

The third party used by Ex Libris is Sun ONE™ Directory Server (AKA iPlanet). Users and user groups are defined and managed with this tool. Some examples of the type of information stored in Sun ONE are user names, IDs, passwords, regional settings, personal preferences, and so on. If you set up authentication for ARC, users must provide valid credentials, such as user ID and password, when logging in.

Roles are defined in Cognos (ARC). User Groups that are set up in the Sun ONE directory server are connected to Cognos (ARC) roles. The connection between Sun ONE user groups and Cognos Roles is part of the standard ARC version and cannot be modified.

The Sun ONE directory server comes with standard user groups defined as part of the ARC version. Each group contains users according to the number of licenses purchased by the customer. If additional users are required, sales representative should be contacted to purchase additional licenses. User details are defined as part of the installation process. User scheme and passwords can be changed by the customer after the installation delivery, using the scripts detailed below.

The purpose of this document is to:

- Explain the structure of the Sun ONE user groups and the way they are connected to Cognos roles.
- Explain how initial user passwords can be changed.
- Explain how the initial scheme can be changed.
- Explain how to create a report showing all available Sun ONE users.
- Explain how to change and add ARC users via the ARC License.

## 2 Available Users Groups

There are three groups of users in the Sun ONE directory server:

- Consumer
- Business Author
- Professional Author

Here are some details regarding these groups of users and the corresponding roles in ARC (further information regarding Cognos ARC Roles can be found in online Help).

### 2.1 Consumer Group

The number of consumer users that are part of this group equals the number of Consumer licenses purchased by the customer.

The Consumer group is linked to the Consumers role in Cognos (ARC).

The consumer role has access via Cognos or by e-mail to:

- Set personal preferences for language, time zone, and so on
- View, run, and schedule reports
- Interact with prompts
- Output reports to other formats such as PDF and CSV
- Subscribe to a scheduled report
- Create and manage report folders and personalized standard reports.

## **2.2 Business Author Group**

The number of business author users that are part of this group equals the number of Business author licenses purchased by the customer.

The Business Author group is linked to the Query Users role in Cognos (ARC).

The Query Users role has Consumer role capabilities plus those of Query Studio, which enable the user to:

- Use Ad hoc querying
- Create simple reports and charts
- Define prompting
- Filtering and calculations
- Share reports with other users and format reports

## **2.3 Professional Author Group**

The number of professional author users that are part of this group equals the number of Professional author licenses purchased by the customer.

The Professional Author group is linked to the Report Administrators role in Cognos (ARC).

The Report Administrators role has all of the Query Users role capabilities plus those of Report Studio, which enable the user to:

- Create sophisticated, multi-page, richly formatted reports
- Create charts with complex prompts and filters
- Create and distribute personalized reports via reports bursting
- View folders containing drill through reports folder

## **3 Changing Passwords for Existing Users**

After an installation is delivered to the customer, initial passwords set by Ex Libris can be changed by the customer using the script described below. Note that if you

change an administrator user password, an Ex Libris representative should be informed.

#### To change a user password:

1. Go to `./crn/arc4_[n]/arc/proc/ldap`
2. Execute the 'change\_password.csh' script

```
crn@il-arc01(arc4_2)proc/ldap>csh -f change_password.csh
Changing users's password
Enter the user's name whose password you want to change:
consumer1USMR0
Enter the user's old password:
Consumer999
Enter the new password:
abcd1234
Enter the new password again:
abcd1234
modifying entry uid=consumer1USMR0, ou=Administrators,
ou=TopologyManagement, o=NetscapeRoot
```

Password changed successfully

## 4 Change Scheme for Existing Users

The Users' initial scheme is defined in the ARC License file. In ARC with multi scheme, it is possible to change the user scheme to a different scheme using the script described below.

Note that if for some reason the scheme name does not exist, it can be added to `arc_start.private` under `./crn/arc4_1/arce`.

Here is an example for `arc_start.private` content:  
`setenv ARC_LIBS "$ARC_LIBS ABCR0"`

Do not forget to run source on the file: `source arc_start.private`

#### To change a user scheme:

1. Go to `./crn/arc4_[n]/arc/proc/ldap`
2. Execute the 'change\_schema.csh' script

```
crn@il-arc01(arc4_2)proc/ldap>csh -f change_schema.csh
Enter user name:
Author1USMR0
```

```
Enter new Schema name:
ABCR0
found in ARC_LIBS
sn=Author
uid=Author1USMR0
cn=Author1USMR0 Author ABCR0
modifying entry uid=Author1USMR0,ou=Administrators,
ou=TopologyManagement, o=NetscapeRoot

modifying entry uid=Author1USMR0,ou=Administrators,
ou=TopologyManagement, o=NetscapeRoot

Successfully changed
```

## 5 ARC Users Report

The list of available ARC users in your ARC installation can be displayed by running the 'report\_users.csh' script from the ./crn/arc3\_[n]/arc/proc/ldap directory.

```
crn@il-arc01(arc4_2)proc/ldap>csh report_users.csh
```

## 6 Change ARC User

It is not possible to change the ARC user name. The user name is the key (unique identifier) of a user. Changing the user name would delete that user name and create a new one. This means that any actions performed by the former user name such as scheduling reports or creating reports in My Folder would be deleted.

Before replacing a user name with a new one, you must remember to change the schedule of this user to a different existing user and copy the required reports from the user's My Folder to a different place.

Note that there cannot be more than one user with the same user name and that the user name cannot contain the following characters: a space ( ), a comma (,), or a question mark (?).

### To assign a new ARC user instead of an existing one:

1. Go to ./crn/arc4\_[n]/arc/proc/ldap
2. Execute the 'delete\_user.csh' script

```
crn@il-arc01(arc4_2)proc/ldap>delete_user.csh
Delete user
Enter the user name:
Author1USMR0
```

```
deleting entry uid=Author1USMR0, ou=Administrators,  
ou=TopologyManagement, o=NetscapeRoot
```

3. After deleting the user, Run ARC License file (which was supplied from Ex Libris local office). This file should contain the new user.
4. Go to `./crn/arc4_[n]/arc/proc/ldap`
5. Put the license into a file called 'license'
6. Execute the 'newlicense.csh' script

```
crn@il-arc01(arc4_2)proc/ldap>csh -f newlicense.csh  
Creating user AuthorUSMR0
```

## 7 Add ARC User via ARC License

When an additional ARC user is purchased, a new ARC license must be supplied. The additional ARC User can be created using the script described below.

### To add a user:

1. Go to `./crn/arc4_[n]/arc/proc/ldap`
2. Put the license into a file called 'license'
3. Execute the 'newlicense.csh' script

```
crn@il-arc01(arc4_2)csh -f newlicense.csh  
Creating user AuthorUSMR0
```

Please note that before running the script you can imitate the user creation by running:

```
csh -f newlicense.csh show
```

This way, you will be able to spot a problem before actually running the script.

A license log file can be found in `./log` (`cd $LOGDIR`) after the actual run.