

Scenario 15: Managing Concurrent-Offline Licenses

This scenario explains how to manage the use of concurrent-offline licenses, as outlined in “Concurrent-Offline Licenses” on page 8. Using this type of license, an administrator allows users to take a concurrent license for a certain number of days and to use it on a portable computer. This scenario shows you how to:

- Reduce the maximum number of days a product can be reserved.
- Modify the default authorization.
- Add a password for the default authorization.
- Create authorization records for a specific concurrent-offline license. This allows the authorized users to take the license.
- Modify a created authorization.
- Display details about the offline users.

In this scenario, 100 concurrent-offline licenses for DataMaster have already been enrolled. For information on how to enroll the product see “Enrolling the Product” on page 111. After enrollment, the product is displayed in the administration tool main window. Note that the icon indicates that the licenses are concurrent-offline.

To manage this kind of license:

1. Double-click the product in the administration tool main window, then click the **Concurrent-Offline** tab. The Concurrent-Offline Licenses - Details window is displayed (Figure 74). Note that the maximum offline period of the license is 120 days.

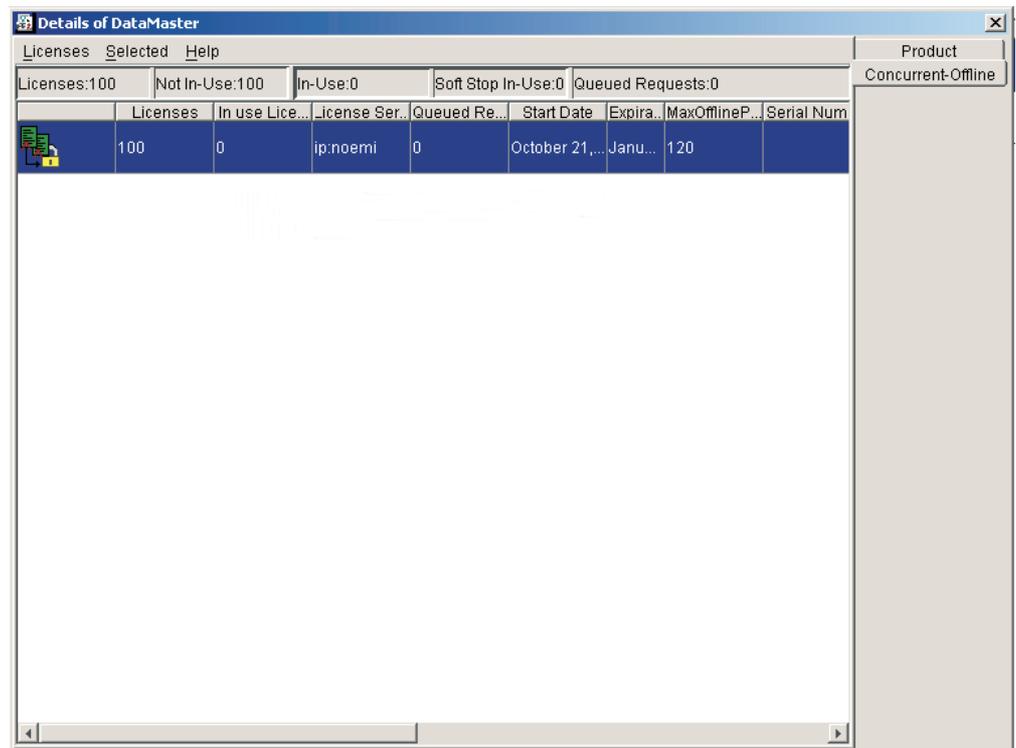


Figure 74. Concurrent-Offline Licenses - Details window

2. To reduce the maximum number of days a product can be reserved, from the Concurrent-Offline Licenses - Details window, right-click on the product and

select **Licenses ► Set maximum offline period**. The Update Offline Period window is displayed (Figure 75). You can modify the maximum number of days that a user can reserve a license. For example, you can change the value from 120 to 5 days. Click **OK** to save the new value and close the window.

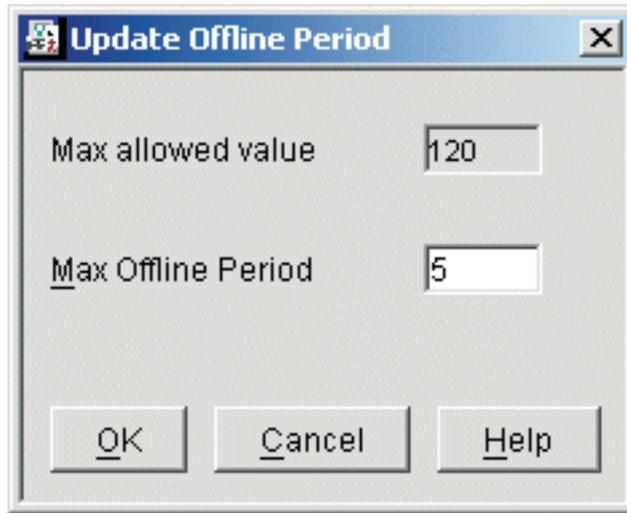


Figure 75. Update Offline Period window

- To modify the default authorization, from the Concurrent-Offline Licenses - Details window (Figure 74 on page 139), right-click on the product and select **Selected ► Authorizations**. The Authorizations window is displayed (Figure 76). The default authorization setting is for all concurrent licenses to be allowed.

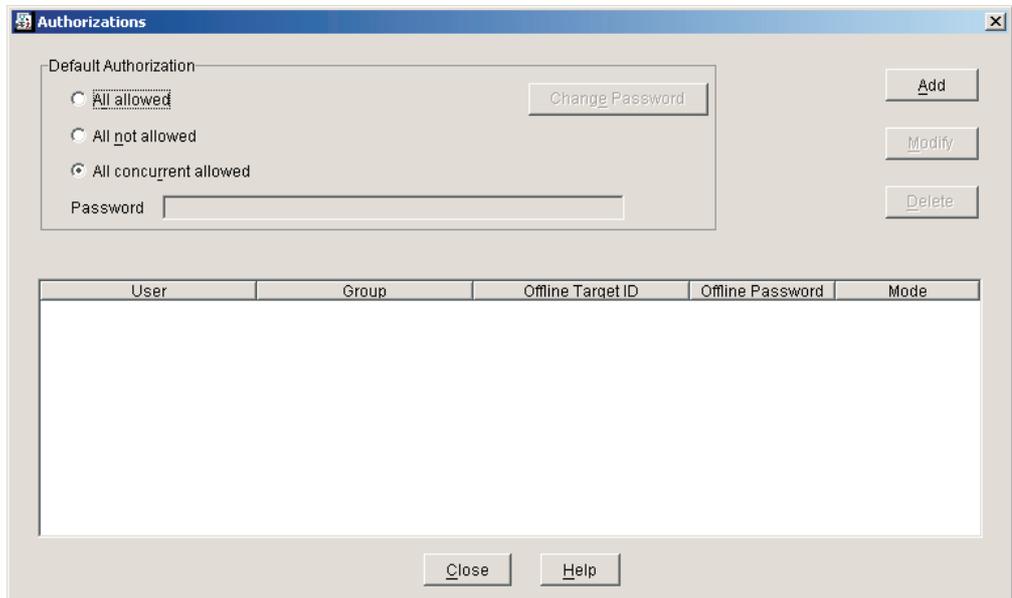


Figure 76. Authorizations window

For the selected license, the window shows the mode in which each user can use the license. There are three different modes for license use:

- **All allowed.** A user can start using the license as a concurrent license or can reserve it for nodelocked-offline use.
 - **All not allowed.** The license cannot be granted in any mode. A user requires specific authorization to be granted to use the license.
 - **All concurrent allowed.** A user can take the license as a concurrent license, but the license cannot be reserved in the nodelocked file.
4. To add a password to the default authorization, from the Concurrent-Offline Licenses - Details window (Figure 74 on page 139), right-click on the product and select **Selected ► Authorizations**. The Authorizations window is displayed (Figure 76 on page 140). The default setting is **All concurrent allowed**, no password assigned, and for **Change Password** to be disabled. Select **All allowed**. **Change Password** is now enabled. Click **Change Password** and type in the new password. Click **Ok** to set the new password..

Note: You cannot define a password for the **All not allowed** and **All concurrent allowed** authorizations. If you have set a password for the **All allowed** authorization, and you change the authorization to one of the other two settings, the password is deleted, and **Change Password** is disabled.

5. You decide that users can use the license only if they have a specific authorization, so you click **All not allowed**. Now create the first authorization record for a specific user:
 - a. From the Authorizations window (Figure 76 on page 140), click **Add**. The Add Authorization window is displayed (Figure 77).
 - b. Fill in the details for the new User, Group, and Offline Target ID (alone, or in any combination), and the Offline Password.
 - c. Set the Mode for the use of the license for this specific user. The modes are similar to the modes in the Authorization window (Figure 76 on page 140), except that they are for the individual user, group, offline target ID, or offline password that is being authorized.
 - d. Click **OK**.

Figure 77. Add Authorization window

The authorization record has now been created (as shown in Figure 78).

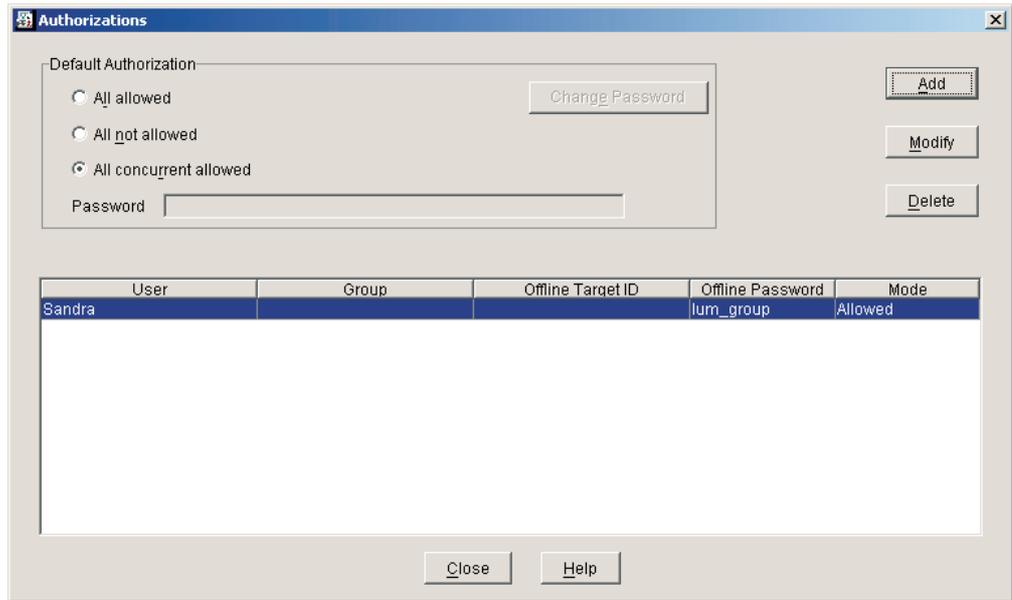


Figure 78. Authorizations window — showing new authorization

- When you have created an authorization record, you can change the settings for the authorization record. Select the authorization record file in the Authorizations window (Figure 76 on page 140) and click on **Modify**. The Modify Authorization window is displayed. You decide to add the Offline Target ID of a specific machine (57f48e93 in this example) for the user Sandra. Click **OK**. The authorization record has now been modified (as shown in Figure 79).

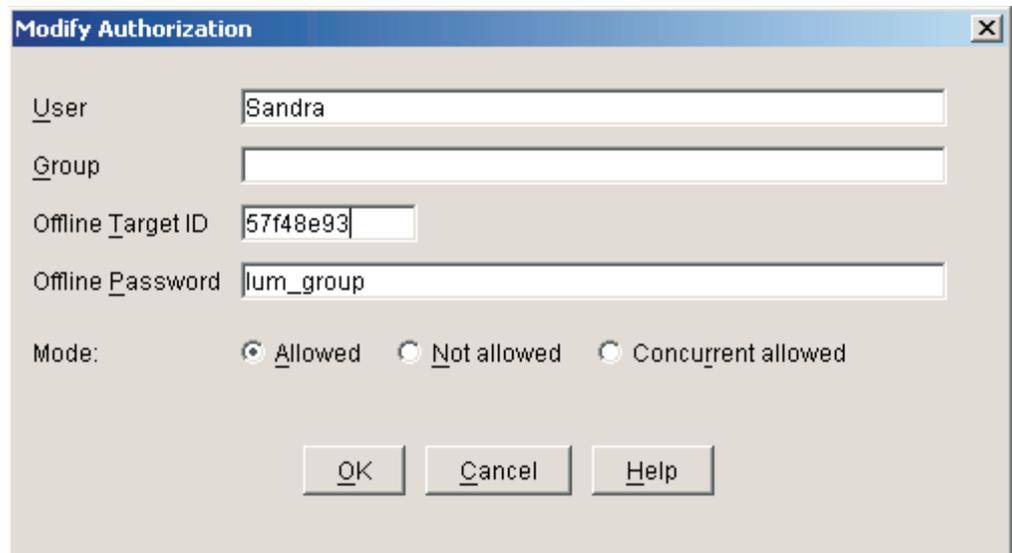


Figure 79. Modify Authorization window

7. User Sandra requires an offline-nodelocked license from her portable computer and reserves it for five days. In the administration tool, the display changes to show that there is a license in use (see Figure 80).

The screenshot shows a window titled 'Details of DataMaster' with a table of users. The table has columns for Name, Group, Start reservation, End reservation, and Node ID. A single row is visible for user 'sandra' with a reservation from October 21 to October 26, 2002. To the right of the table are three buttons: 'Product', 'Concurrent-Offline', and 'Offline Users'.

Name	Group	Start reserv...	End reservation	Node ID
sandra	DefaultGroupName	October 21, ...	October 26, 2002	

Figure 80. Administration tool, showing an in-use license

8. After three days, user Sandra decides that she no longer needs a license for her portable. Using the hand back procedure, she releases the license. The administration tool displays that the license is no longer in use.

Note: If the user Sandra did not hand back the license, when the five-day reservation period expires, the license is handed back. The administration tool displays that the license is no longer in use.

Command-Line Equivalent

The equivalent CLI commands are as follows.

To update (to 50) the maximum number of days a product can be reserved.

```
i4blt -U -v "'IBM Corporation'" -p "DataMaster" -O 50
```

To modify the default authorization for DataMaster licenses:

```
i4blt -A m -v "'IBM Corporation'" -p "DataMaster 3.1" -t 899460562 -T no  
-w "password"
```

To create a reservation record for the DataMaster license for the user Sandra, for any group and target ID:

```
i4blt -A a -v "'IBM Corporation'" -p "DataMaster 3.1" -T yes  
-u "Sandra * *" -w "lum_group"
```

It is not possible modify using a unique command an authorization record other than the default record. The administrator needs to delete the old record and create a new record. To delete a reservation record for DataMaster licenses for the user Sandra:

```
i4blt -A d -v "'IBM Corporation'" -p "DataMaster 3.1" -u "Sandra * *"
-t 899460562
```

To create a authorization record for the DataMaster license for the user Sandra for a specific machine with target id 57f48e93:

```
i4blt -A a -v "'IBM Corporation'" -p "DataMaster 3.1" -T yes -u
"Sandra * 57f48e93" -w "lum_group"
```

To list all the authorization records for the DataMaster license3:

```
i4blt -A l -v "'IBM Corporation'" -p "DataMaster 3.1"
```

To display information about the users of concurrent-offline licenses for the DataMaster product:

```
i4blt -s -l co -v "'IBM Corporation'" -p "DataMaster"
```