

# Data Protector: Installing permanent license keys

## Installing

The following is the procedure to install a permanent license key that HP has sent to you.

## Prerequisite

You must have received permanent license keys sent from the HP License DeliveryCenter and the Data Protector user interface must be installed on the Cell Manager. The license keys are installed on the Cell Manager and are valid for the entire cell.

## Using the GUI:

To install the permanent license key using the Data Protector GUI, proceed as follows:

1. In the Context List, click **Clients**.
2. In the Scoping Pane, right-click Data Protector Cell and click **Add License**.
3. Type the license key exactly as it appears on the **License Certificate**.

A password consists of eight 4-character groups, separated by a space and followed by a string. Make sure that you do not have a line-feed or a return character within this sequence. The following is an example of a license key:

```
2VFF 9WZ2 C34W 43L7 RYY7 HBYZ S9MQ 1LZA JUUQ TA48 EPNB QFRN MR9F 2A2A 7UEG  
9QR3 Y3QW LZA9 AZA9 EQ97 "Product; Cell Manager for UNIX"
```

After you have typed in the license key, check the following:

- Make sure the license key appears correctly on the screen.
  - Make sure there are no leading or trailing spaces, or extra characters.
  - Double-check "1" (number one) characters and "l" (letter l) characters.
  - Double-check "O" (uppercase letter O) characters and "0" (number zero) characters.
  - Make sure that you have used the correct case. The license key is case-sensitive.
4. Click OK.

The license key is written to the following file on the Cell Manager:

- On Windows Server 2008:  
*Data\_Protector\_program\_data\Config\server\Cell\lic.dat*
- On other Windows systems:  
*Data\_Protector\_home\Config\server\Cell\lic.dat*
- On UNIX systems: */etc/opt/omni/server/cell/lic.dat*

(Installation and licensing guide, page 335).

## Using the CLI:

To install the permanent password using the Data Protector CLI, proceed as follows:

1. Log on to the **Cell Manager**.
2. Run the following command:
  - On Windows:  
*Data\_Protector\_home\bin\omnicc -install\_license license key*
  - On UNIX: */opt/omni/bin/omnicc -install\_license license key*

The license key string must be entered exactly as it appears on the License Certificate. It must be formatted as a single line and must not contain any embedded carriage returns. The license key must be in quotes. If the license key includes also a description in quotes, the quotes in this description must be preceded with backslashes. See the omnicc man page for an example and more information.

You can also append the password to the following file on the Cell Manager:

- On Windows Server 2008:  
*Data\_Protector\_program\_data\config\server\cell\lic.dat*
- On other Windows systems:  
*Data\_Protector\_home\config\server\cell\lic.dat*
- On UNIX systems: */etc/opt/omni/server/cell/lic.dat*

If the file does not exist, create it with an editor, such as **vi** or **Notepad**. Refer to **Step 3** on page 335 in the procedure for the graphical user interface for an example of a license key.

## Verifying the license key

### Using the GUI:

To verify if the license key for the license you have installed is correct, proceed as follows in the Data Protector GUI:

1. In the Help menu, click **About**.
2. Click the **License tab**. All installed licenses are displayed. If the password you entered is not correct, it is listed with the remark license key could not be decoded.

### Using the CLI:

To verify if the license key for the license you have installed is correct, use the following command:

- On Windows:  
`Data_Protector_home\bin\omnicc -password_info`
- On UNIX: `/opt/omni/bin/omnicc -password_info`

This command displays all installed licenses. If the license key you entered is not correct, it is listed with the remark license key could not be decoded.

## Finding the number of installed licenses

### Using the GUI:

Once you have installed a permanent license key, you can check how many licenses are currently installed on the Cell Manager:

1. Start the **Data Protector Manager**.
2. In the menu bar, click **Help**, and then **About**. The About Manager window will open, displaying the installed licenses.

## Using the CLI:

If you use the command line, proceed as follows:

1. Log on to the **Cell Manager**.
2. Run the following command:
  - On Windows:  
`Data_Protector_home\bin\omnicc -query`
  - On UNIX: `/opt/omni/bin/omnicc -query`

A table listing the currently installed licenses will be displayed.

## Managing the License using HP's Licensing Portal

The Licensing Portal management options allow you to:

- Rehost licenses to a different machine (required only if the license key is locked to a machine identifier, i.e.: IP address).
- Generate a report of license information.
- Review your license certificates.

To use the Licensing Portal license management process, go to:  
<http://www.hp.com/software/licensing> and click on "**Activation**".