



# Licensing

This appendix provides licensing information for DFM. It contains the following sections:

- [Licensing Overview, page A-1](#)
- [Licensing for a Fresh Installation, page A-2](#)
- [Upgrading Your Evaluation License, page A-3](#)
- [Validating Your Upgrade License, page A-3](#)
- [Licensing Reminders, page A-3](#)

## Licensing Overview

Installation ensures that you possess a registered and a licensed copy of DFM 2.0.6. The installation script asks the first application installed on Common Services 3.0.5 to enter licensing information. The following licensing information is shipped with the product, printed on the software claim certificate.

Field	Description
Product Identification Number (PIN)	PIN identifies the type of installation, which may be one of the following: <ul style="list-style-type: none"><li>• Evaluation installation—For an evaluation copy, licensing details are not required.</li><li>• Fresh installation.</li><li>• Upgrade installation.</li></ul>
Product Authorization Key (PAK)	PAK is used to register DFM 2.0.6 on Cisco.com and contains resource limitations. A license file is sent to you after you register the PAK on Cisco.com.

During the installation, if you are prompted to enter licensing information, you can enter either of the following:

- PIN (and PAK)—PIN is mandatory. You are permitted to enter the PAK number later, if required.
- License file location—If you have registered the PAK on Cisco.com and received the license file, you can browse to enter its location.

**Note**

You can obtain a license file before or after you install DFM. (See [Registering Your License, page A-2.](#))

## Licensing for a Fresh Installation

The installation script asks the first application installed on Common Services 3.0.5 for the PIN, PAK, and license file location details. For instance, when DFM 2.0.6 is installed over Common Services 3.0.5, the installer verifies whether or not the system already has the PIN, PAK, and license file details. The details are available if the information was entered earlier using another CiscoWorks application.

If the details are not available, then during the DFM 2.0.6 installation, the installer requests the PIN and PAK or the license file location.

For an evaluation copy of DFM 2.0.6, licensing details are not required. When prompted for licensing information, enter **E** (for evaluation).

**Note**

A message appears at the end of the installation, urging you to obtain a valid license key from Cisco.com within 90 days.

## Registering Your License

To register your license:

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- Step 1** Register the PAK with Cisco.com to get the license file:
- Use this site if you are a registered user of Cisco.com: <http://www.cisco.com/go/license>.
  - Use this site if you are *not* a registered user of Cisco.com: <http://www.cisco.com/go/license/public>.

**Note**

The PAK is printed on the software claim certificate.

The license file will be e-mailed to you.

- Step 2** Copy the license file to the CiscoWorks Common Services server with read permission for casuser.
- Step 3** Enter the license file location from the CiscoWorks home page. (Select **Common Services > Server > Admin > Licensing**. For more information, see Common Services online help.)

**Note**

If you had an upgrade license and subsequently obtained an evaluation license for a later version of the software, you should enter the license location on your local server.

If you had an evaluation license and are prompted to validate your license, proceed to [Validating Your Upgrade License, page A-3.](#)

# Upgrading Your Evaluation License

You can upgrade your evaluation license to a registered and licensed copy of DFM 2.0.6.

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- Step 1** Contact your Cisco representative about obtaining a PAK.
- Step 2** After obtaining a PAK, follow the instructions in [Registering Your License, page A-2](#). The evaluation copy will be converted to a registered copy of DFM 2.0.6.
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## Validating Your Upgrade License

Proof of Purchase (POP) is required to validate an upgrade license of DFM 2.0.6. If you purchased an upgrade license, at the end of the DFM installation, you are prompted to run a CLI script to validate the upgrade license. The script in turn prompts you to do one of the following:

- Insert the original CD containing DFM 1.2 or DFM 1.2 Updated for Common Services Version 2.2.
- Enter login information for a remote server where the previous version of DFM (DFM 1.2.x) is running.

To run the script, see the appropriate upgrade scenario in [Chapter 3, “Upgrading and Migrating DFM.”](#)

If you do not run the script or if upgrade validation fails, DFM is licensed for evaluation only and operates in *nag* mode for no more than 90 days before ceasing operation. (See [Upgrading Your Evaluation License, page A-3](#).)

## Licensing Reminders

DFM provides reminders in the following circumstances:

- [Evaluation Version: Before Expiry, page A-3](#)
- [Purchased Version: No License File, page A-4](#)
- [Restricted Version: Device Limit Exceeded, page A-4](#)

## Evaluation Version: Before Expiry

If you have installed the evaluation version of DFM, you must obtain the license file from Cisco.com before expiry of the default evaluation license. For details, see [Upgrading Your Evaluation License, page A-3](#).

Before expiry of the evaluation license, see the following prompt for 10 days:

```
Go to Cisco.com and purchase DFM
```

This message is displayed as an alert after you log in and try to access DFM. If you fail to upgrade your evaluation license after 10 days, all DFM processes will run, but access to DFM functionality will be prohibited.

## Purchased Version: No License File

If you have installed a purchased version of DFM, you must register DFM using the PAK number. For details, see [Registering Your License, page A-2](#). You must register DFM within 50 days of installation. If you fail to register DFM after 50 days, you will see the following prompt:

```
Go to Cisco.com and get the product registered.
```

DFM 2.0.6 is fully functional. However, you will continue to receive the alert until you register your license.

## Restricted Version: Device Limit Exceeded

If you have a restricted license, DFM notifies you when your device inventory approaches the device limit. After the device limit has been reached, DFM displays the following message:

```
This software has a RESTRICTED license for managing a limited number of devices. Please click here for current licensing information. Please contact your Cisco representative to determine if additional licenses can be purchased for this server.
```

DFM 2.0.6 remains functional, but will shortly stop adding devices to managed inventory.