



## Uploading Cisco ICFP Licenses

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## Cisco ICFP Licensing

A Cisco ICFP license is based on hybrid cloud units (HCUs). One or more HCUs are used for each VM running in the public cloud. A powered-off VM does not use any HCUs.

For Amazon Web Services and Microsoft Azure, two HCUs are used for each VM. For example, if the HCU count is ten, five VMs can run in the public cloud. For Cisco-powered providers, one HCU is used for each VM. For example, if the HCU count is ten, ten VMs can run in the public cloud.

Cisco ICFP includes the following types of licenses:

- **Evaluation License (ICFP-EVAL-EBD)**—Cisco ICFP includes a 60-day, 20-HCU evaluation license that lets you try the software before you purchase permanent licenses. The evaluation period begins when you install the software and expires within 60 days of installation.
- **Permanent License (ICFP-CPC)**—Permanent licenses have an expiration date. The license file specifies the number of licenses that you purchased. Contact your Cisco representative to purchase permanent licenses.
- **Partner License (ICFP-NFR-EBDS)**—Partner (not for resale) licenses are available only to Cisco partners for demonstration and lab purposes. Partner licenses have an expiration date. The license file specifies the number of licenses that you purchased. Contact your Cisco representative to purchase partner licenses.

## Cisco ICFP Licensing Workflow

This workflow applies to all Cisco ICFP licenses except for the Cisco ICFP evaluation license. This workflow is not required for the 60-day evaluation license that is included with Cisco ICFP.

- 1 Before installing Cisco ICFP, locate your Cisco ICFP license and Product Authorization Key (PAK).  
To purchase a license, contact your Cisco representative.
- 2 Register the PAK on the Cisco software license site.  
For more information, see [Generating a License Using a PAK](#), on page 2.
- 3 Install Cisco ICFP.  
For more information, see the following topics:
  - [Installing Cisco ICFP on VMware](#)
  - [Installing Cisco ICFP on OpenStack](#)
- 4 Upload the license in Cisco ICFP.  
For more information, see [Uploading a License](#), on page 3.
- 5 Check license status.  
For more information, see [Viewing License Details](#), on page 3.
- 6 Update the license.  
To update an existing license, use the procedure for uploading a license.

## Generating a License Using a PAK

This procedure describes how to generate a Cisco ICFP license by using a PAK.

### Before You Begin

Obtain the Cisco ICFP PAK.

### Procedure

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- Step 1** In a browser, go to the [Cisco Product License Registration](#) page.  
This page offers training on assigning PAKs or tokens, and a link to the Cisco Product License Registration tool.
  - Step 2** Click **Continue to Product License Registration**.
  - Step 3** In the **Product License Registration** screen, enter the PAK number in the **Get New Licenses** field, and click **Fulfill**.
  - Step 4** In the **Get New Licenses** dialog box, provide the required information and click **Submit**.  
The status of your request is displayed, and a digital license agreement and a zipped license file are sent to the email address that you specified.
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### What to Do Next

Upload the license file in Cisco ICFP. For more information, see [Uploading a License](#), on page 3.

# Uploading a License

Use this procedure to upload a new license in Cisco ICFP or to update an existing license. To ensure continuous operation, be sure to update the license before the current license expires.

## Before You Begin

- Obtain the Cisco ICFP license file. For more information, see [Generating a License Using a PAK, on page 2](#).
- If you received a zipped license file by email, extract and save the `.lic` file to your local machine.

## Procedure

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- Step 1** In the Cisco ICFP GUI, choose **License** and click the **Upload License** icon.
- Step 2** In the dialog box, select the Cisco ICFP `.lic` file and click **Upload**.
- Step 3** When prompted, click **Yes** to confirm the upload.  
After the license file is successfully processed, a success message is displayed.
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# Viewing License Details

To view license details in the Cisco ICFP GUI, choose **License**.

The license details are displayed, including the license type, the license status, the number of HCUs supported, and the term of the license.

