Obtain Spaces Connector VM Image for OpenShift Platform

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Introduction

This document describes the steps to extract the connector VM image, QCOW2 image, for OpenShift Platform.

Brief

These documents explain how to deploy the platform, but do not explain how to retrieve the QCOW2 image.

- The July 2026 Cisco release notes confirm support for OpenShift deployment.
- This document explains the procedure to deploy in OpenShift.

To understand how to retrive the image, the steps described in the next section facilitate image extraction.

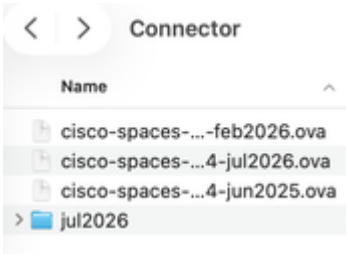
Steps for Image Extraction

1.Download cisco-spaces-connector3-p84-jul2026.ova from software.cisco.com:



2.Save in your desired folder. For example, use this location and created a folder named **jul2026** (you can name it as per your choice):

/Users/madroy/Documents/Software Images/Connector



3.Open terminal and move to the image location(command is as per my image location):

#cd Documents/Software\ Images/Connector

```
madroy@MADROY-M-YHJ2 ~ % cd Documents/Software\ Images/Connector
madroy@MADROY-M-YHJ2 Connector % ls
cisco-spaces-connector3-p84-feb2026.ova cisco-spaces-connector3-p84-jun2025.ova
cisco-spaces-connector3-p84-jul2026.ova jul2026
```

4.Extract the OVA using this command:

#tar -xvf cisco-spaces-connector3-p84-jul2026.ova -C jul2026

```
madroy@MADROY-M-YHJ2 Connector % tar -xvf cisco-spaces-connector3-p84-jul2026.ova -C jul2026
x cisco-spaces-connector.ovf
x cisco-spaces-connector.mf
x cisco-spaces-connector-disk1.vmdk
```

5.You need to install QEMU utility to convert the VMDK disk to QCOW2. First, you need to install QEMU with Homebrew(you can skip it if its already downloaded in your system):

#brew install qemu

```
madroy@MADROY-M-YHJ2 ~ % brew install qemu
==> Auto-updating Homebrew...
Adjust how often this is run with `$HOMEBREW_AUTO_UPDATE_SECS` or disable with
`$HOMEBREW_NO_AUTO_UPDATE=1`. Hide these hints with `$HOMEBREW_NO_ENV_HINTS=1` (see `man brew`).
==> Auto-updated Homebrew!
==> Updated Homebrew from 7.0.4 (e83184ed02a) to 7.0.4 (1d04792829).
```

To verify if QEMU is installed, run this command in PC terminal:

#qemu-img --version

```
madroy@MADROY-M-YHJ2 ~ % qemu-img --version
qemu-img version 11.1.1
Copyright (c) 2003-2026 Fabrice Bellard and the QEMU Project developers
```

If QEMU is installed, you'll see a version such as:

qemu-img version 11.1.1

Copyright (c) 2003-2026 Fabrice Bellard and the QEMU Project developers

6.Next step you need to convert VMDK to QCOW2 using this command:

#qemu-img convert -f vmdk -O qcow2 \cisco-spaces-connector-disk1.vmdk \cisco-spaces-connector-disk1.qcow2

```
madroy@MADROY-M-YHJ2 jul2026 % qemu-img convert -f vmdk -O qcow2 \cisco-spaces-connector-disk1.vmdk \cisco-spaces-connector-disk1.qcow2
madroy@MADROY-M-YHJ2 jul2026 % ls
cisco-spaces-connector-disk1.qcow2      cisco-spaces-connector-disk1.vmdk       cisco-spaces-connector.mf               cisco-spaces-connector.ovf
```

The resulting file is: cisco-spaces-connector-disk1.qcow2

7.Verify the QCOW2 image is installed or not using this command:

#ls -lh cisco-spaces-connector-disk1.qcow2

```
madroy@MADROY-M-YHJ2 jul2026 % ls -lh cisco-spaces-connector-disk1.qcow2
-rw-r--r--  1 madroy  staff   3.7G 22 Sep 13:31 cisco-spaces-connector-disk1.qcow2
```

8.The verified QCOW2 image is ready for the OpenShift Virtualization import workflow.