

VMware Cloud Director Availability On-premises Guides

Guide #1

Deploy a VMware Cloud Director Availability On-premises Appliance

You can find the most up-to-date technical documentation on the VMware website at: <https://docs.vmware.com/>

If you have comments about this documentation, submit your feedback to: vcav-light@vmware.com

Download the VMware Cloud Director Availability On-Premises Appliance OVA.

You can download the OVA from <https://my.vmware.com/>

The screenshot shows the VMware Cloud Director Availability 4.3 On-premises Appliance download page. The page has a breadcrumb trail: Home / VMware Cloud Director Availability 4.3 On-premises Appliance. The main heading is "Download Product".

Version	4.3
Release Date	2021-11-23
Type	Drivers & Tools

Product Resources:

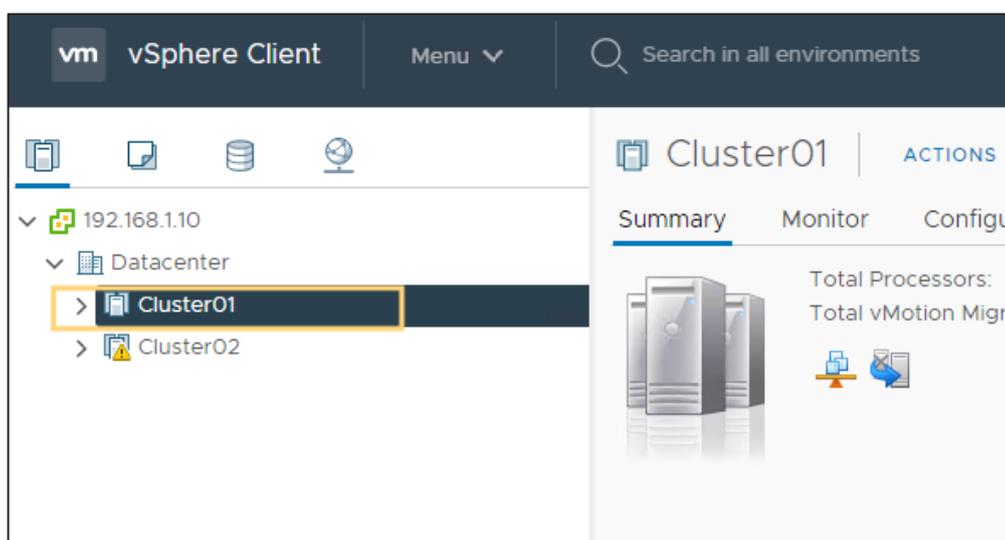
- View My Download History
- Documentation
- VMware Cloud Provider Program
- VMware Cloud Solutions
- Product Information

Product Downloads

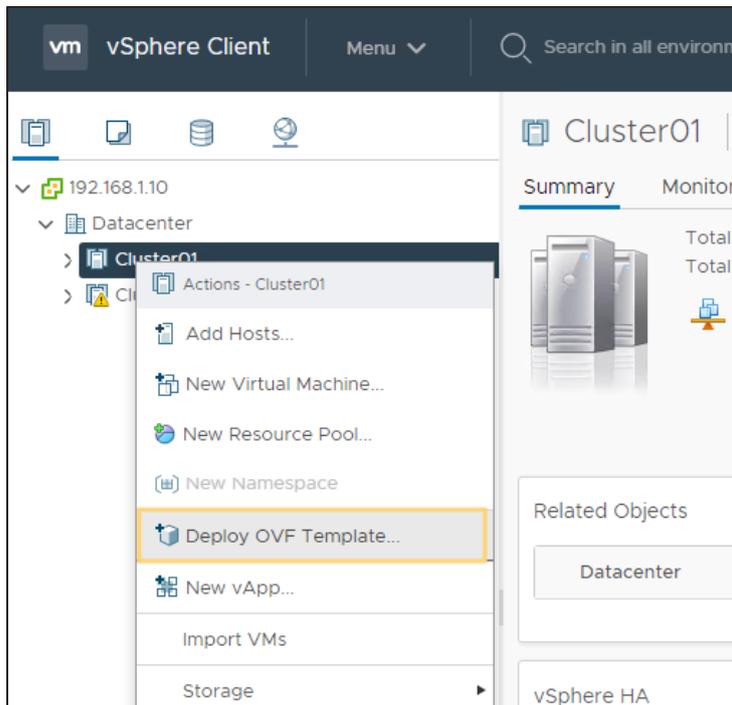
File	Information
VMware Cloud Availability 4.3 Tenant Appliance	DOWNLOAD NOW
File size: 346.51 MB File type: ova Read More	
VMware Cloud Director Availability 4.3 Upgrade Disk Image	DOWNLOAD NOW
File size: 245.46 MB File type: iso Read More	

Deploy VMware Cloud Director Availability OVF template

1. In the vSphere Client, select which cluster to use for deployment of the VMware Cloud Director Availability On-Premises Appliance and right-click it

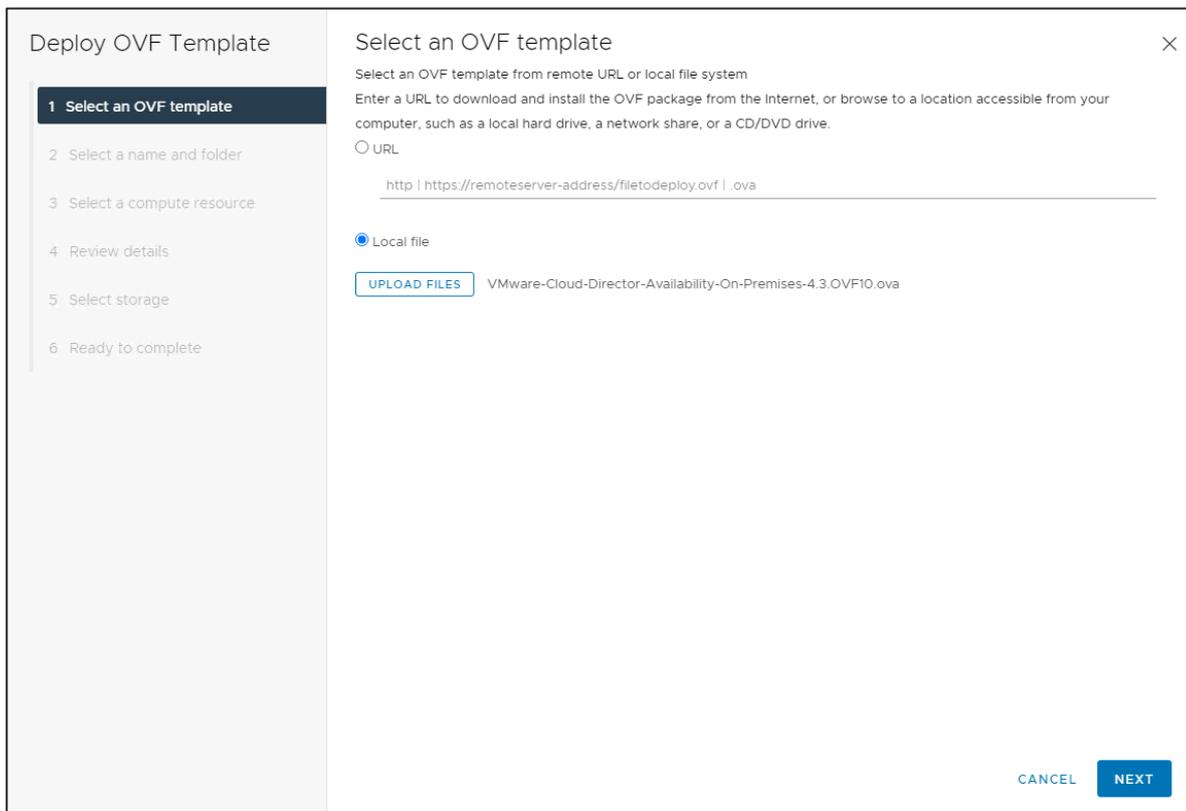


2. From the Actions - Cluster menu, select **Deploy OVF Template**

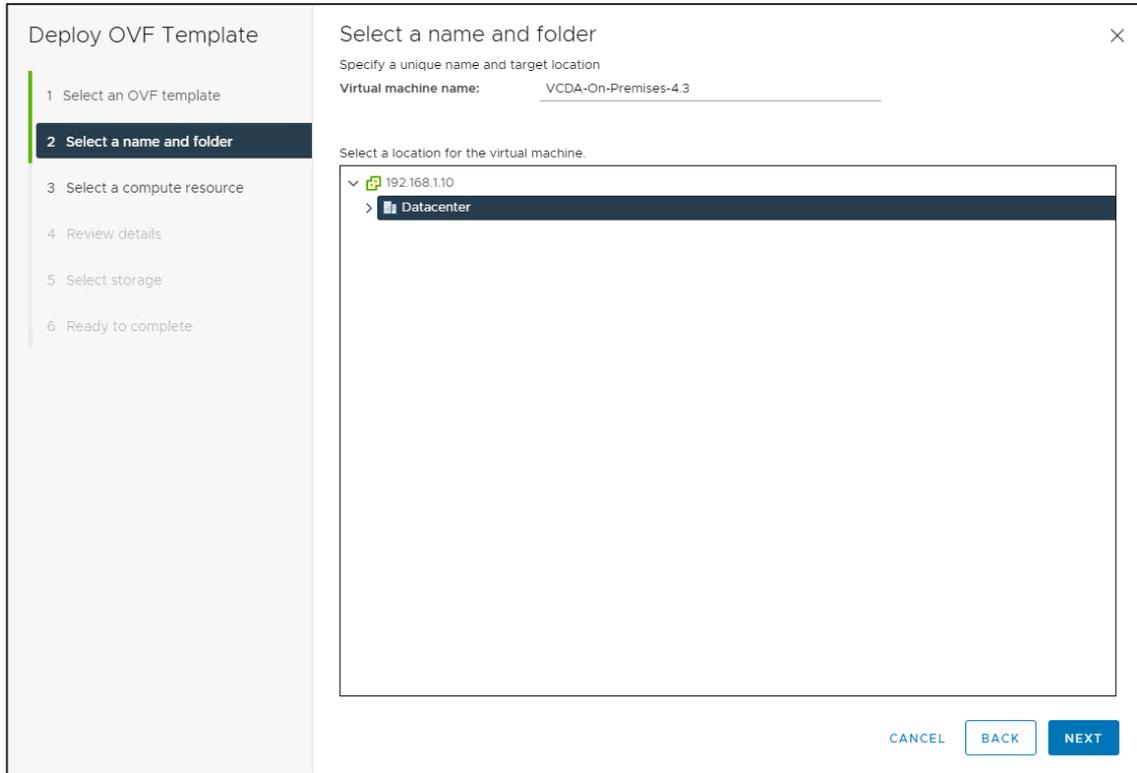


3. Follow the steps of the **Deploy OVF Template** wizard.

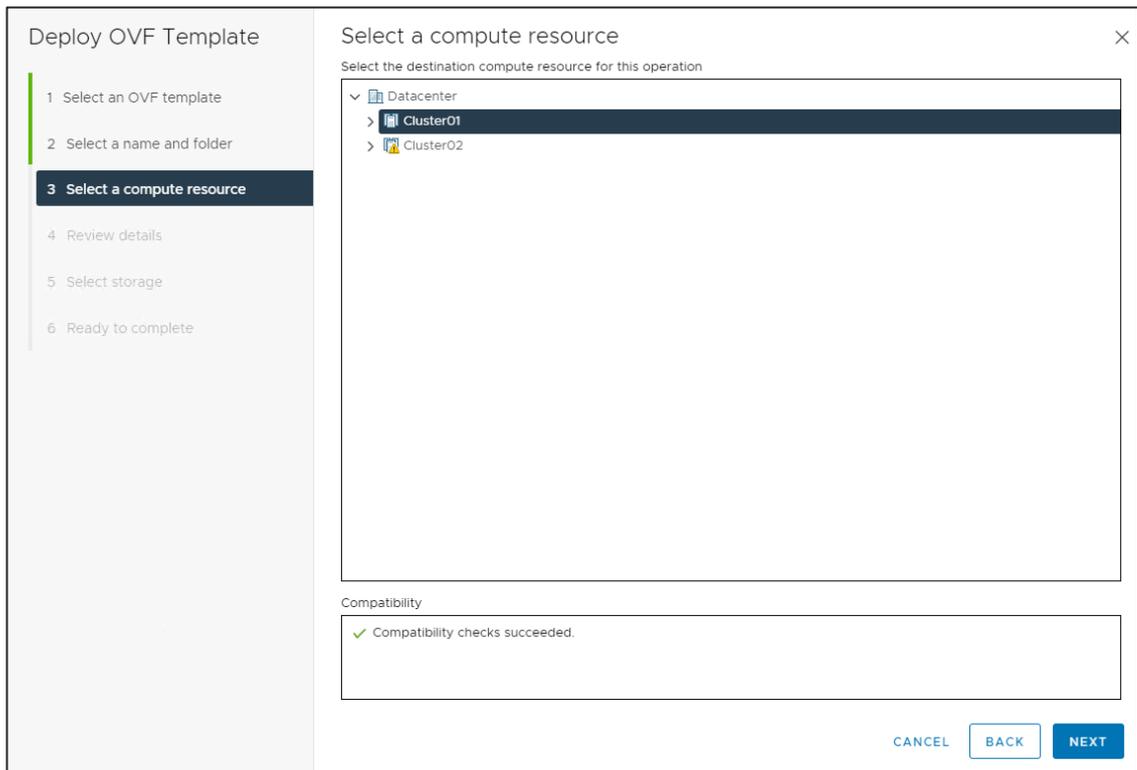
- a. In the Select an OVF template page, select the **Local file** radio button, then click the **Choose Files** button and browse for downloaded OVA files. If the OVA is available on an accessible URL, you can select the **URL** radio button and enter the URL to the OVA. Click **Next**



- b. In the **Select a name and folder page**, enter a name for the replicator virtual machine and click **Next**



- c. In the **Select a compute resource page**, verify that the compute resource is selected, and **Compatibility** checks is successful, and click **Next**



d. In the **Review details** page, verify the template details and click Next.

The screenshot shows the 'Deploy OVF Template' wizard with the 'Review details' step selected. The wizard progress bar on the left lists steps 1 through 9, with '4 Review details' highlighted. The main panel displays the following details:

Publisher	VMware\, Inc. (Trusted certificate)
Product	VMware Cloud Director Availability On-Premises Appliance
Version	4.3.0.3081473
Vendor	VMware, Inc.
Description	VMware Cloud Director Availability On-Premises Appliance
Download size	354.7 MB
Size on disk	1.5 GB (thin provisioned) 10.0 GB (thick provisioned)

At the bottom right, there are three buttons: 'CANCEL', 'BACK', and 'NEXT'.

e. In the **License agreement** page, accept the license agreement and click Next

The screenshot shows the 'Deploy OVF Template' wizard with the 'License agreements' step selected. The wizard progress bar on the left lists steps 1 through 9, with '5 License agreements' highlighted. The main panel displays the following content:

License agreements

The end-user license agreement must be accepted.
Read and accept the terms for the license agreement.

VMWARE END USER LICENSE AGREEMENT
Last updated: 03 May 2021
THE TERMS OF THIS END USER LICENSE AGREEMENT ("EULA") GOVERN YOUR USE OF THE SOFTWARE, REGARDLESS OF ANY TERMS THAT MAY APPEAR DURING THE INSTALLATION OF THE SOFTWARE. BY DOWNLOADING, DEPLOYING, OR USING THE SOFTWARE, YOU AGREE TO BE BOUND BY THE TERMS OF THIS EULA. IF YOU DO NOT AGREE TO THE TERMS OF THIS EULA, YOU MUST NOT DOWNLOAD, DEPLOY, OR USE THE SOFTWARE, AND YOU MUST DELETE OR RETURN THE UNUSED SOFTWARE TO US OR THE VMWARE CHANNEL PARTNER FROM WHICH YOU ACQUIRED IT WITHIN THIRTY (30) DAYS OF ITS ACQUISITION AND REQUEST A REFUND OF THE LICENSE FEE, IF ANY, THAT YOU PAID FOR THE SOFTWARE.
EVALUATION LICENSE. If you license the Software for evaluation purposes (an "Evaluation License"), your use of the Software is only permitted for a period of thirty (30) days (unless we specify otherwise), and you may not use the Software with production data. Notwithstanding any other provision in this EULA, an Evaluation License of the Software is provided "AS IS" without indemnification, support or warranty of any kind, express or implied.

I accept all license agreements.

At the bottom right, there are three buttons: 'CANCEL', 'BACK', and 'NEXT'.

- f. In the **Select storage** page, select the datastore and select the virtual disk provisioning type. Verify that the **Compatibility** checks are successful (the virtual disk format must match the selected VM storage policy) and click **Next**.

Deploy OVF Template

- Select an OVF template
- Select a name and folder
- Select a compute resource
- Review details
- License agreements
- Select storage**
- Select networks
- Customize template
- Ready to complete

Select storage

Select the storage for the configuration and disk files

Encrypt this virtual machine (Requires Key Management Server)

Select virtual disk format: Thin Provision

VM Storage Policy: NFS

Name	Capacity	Provisioned	Free	Type	Cluster
Storage Compatibility: Compatible					
NFS-Datastore	47.63 GB	34.98 GB	45.73 GB	NFS v3	
Storage Compatibility: Incompatible					

Compatibility

✓ Compatibility checks succeeded.

CANCEL BACK NEXT

- g. In the **Select networks** page, select the network to connect the replicator to and click **Next**.

Deploy OVF Template

- Select an OVF template
- Select a name and folder
- Select a compute resource
- Review details
- License agreements
- Select storage
- Select networks**
- Customize template
- Ready to complete

Select networks

Select a destination network for each source network.

Source Network	Destination Network
VM Network	VM Network

1 items

IP Allocation Settings

IP allocation: Static - Manual

IP protocol: IPv4

CANCEL BACK NEXT

- h. In the **Customize template** page, enter the initial root password of the replicator, optionally select the **Enable SSH** check box (Note: SSH can be enabled later), enter the NTP servers, enter the network properties, and click **Next**

Deploy OVF Template

- 1 Select an OVF template
- 2 Select a name and folder
- 3 Select a compute resource
- 4 Review details
- 5 License agreements
- 6 Select storage
- 7 Select networks
- 8 Customize template**
- 9 Ready to complete

Customize template

Customize the deployment properties of this software solution.

Application 3 settings

Root password Password for root. Single and double quotes are not allowed.
Password
Confirm Password

Enable SSH Enable SSH

NTP Server NTP Servers to use (e.g. 10.23.108.1,10.23.108.2).
192.168.1.1

Networking Properties 6 settings

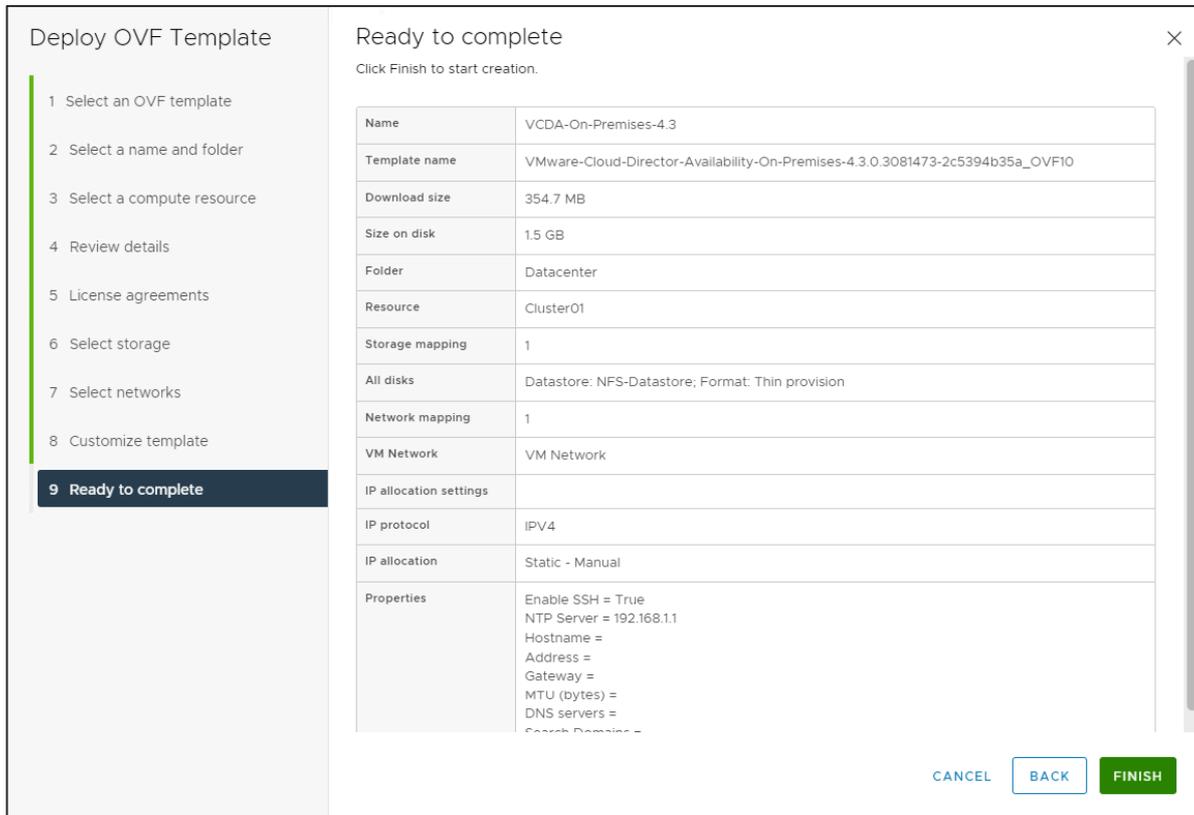
Hostname The hostname of the VM. Leave blank if DHCP is desired.
.....

Address IP address in CIDR notation (e.g. 10.71.219.227/21). Leave blank if DHCP is desired.
.....

Gateway Gateway address (e.g. 10.71.223.253). This field is ignored if the address is empty. Leave blank if DHCP is desired.
.....

CANCEL BACK NEXT

- i. In the **Ready to complete** page, review the details and click **Finish**



Wait for the **Deploy OVF template** task to complete.

Power on the newly deployed replicator VM

Verify that the replicator is active by viewing the VM console. Ensure that the IP matches the IP provided during the deployment.

