

# VMware Cloud Director Availability On-premises Guides

Guide #1

Deploy a VMware Cloud Director Availability On-premises Appliance

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

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

Home / VMware Cloud Director Availability 4.3 On-premises Appliance

### Download Product

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

Product Resources

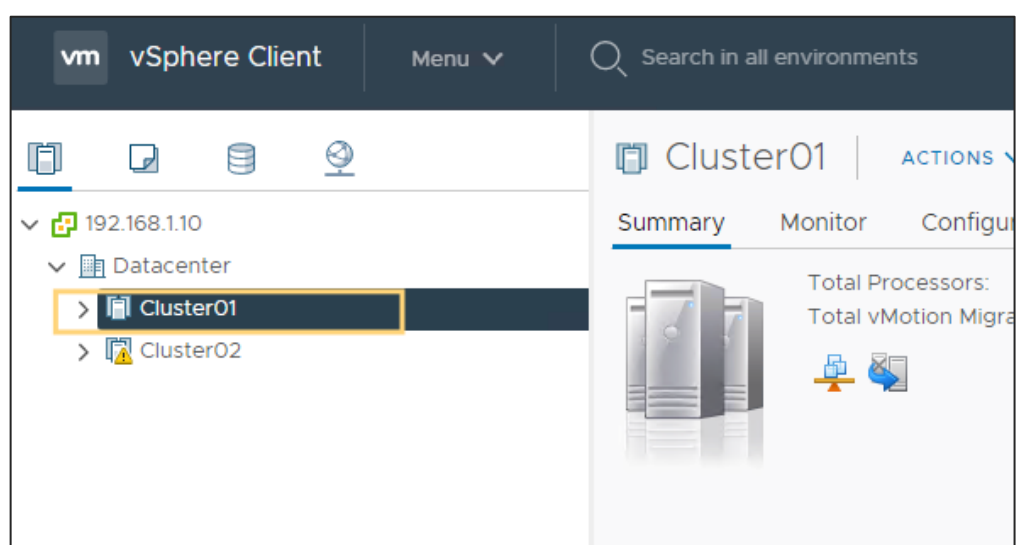
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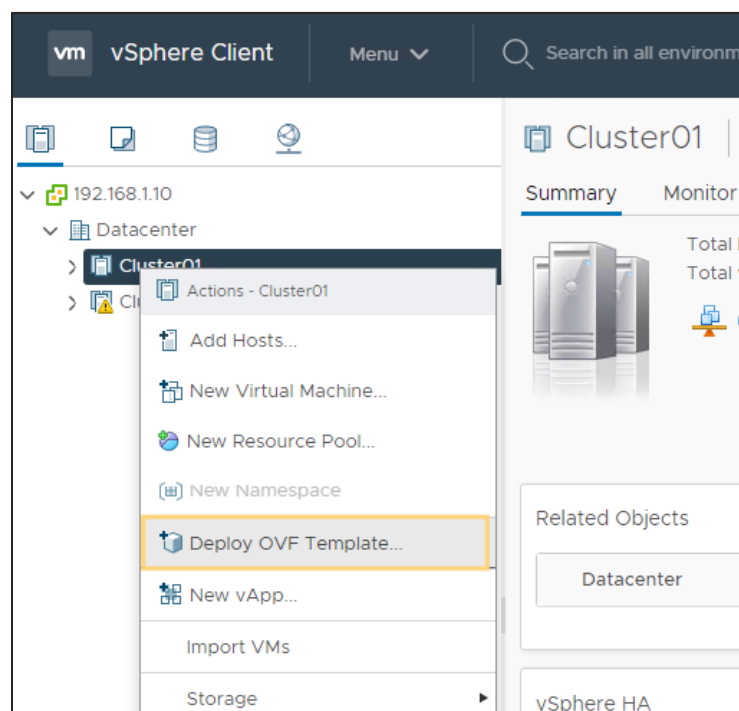
File	Information
<b>VMware Cloud Availability 4.3 Tenant Appliance</b> File size: 346.51 MB File type: ova <a href="#">Read More</a>	<a href="#">DOWNLOAD NOW</a>
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## Deploy VMware Cloud Director Availability OVF template

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

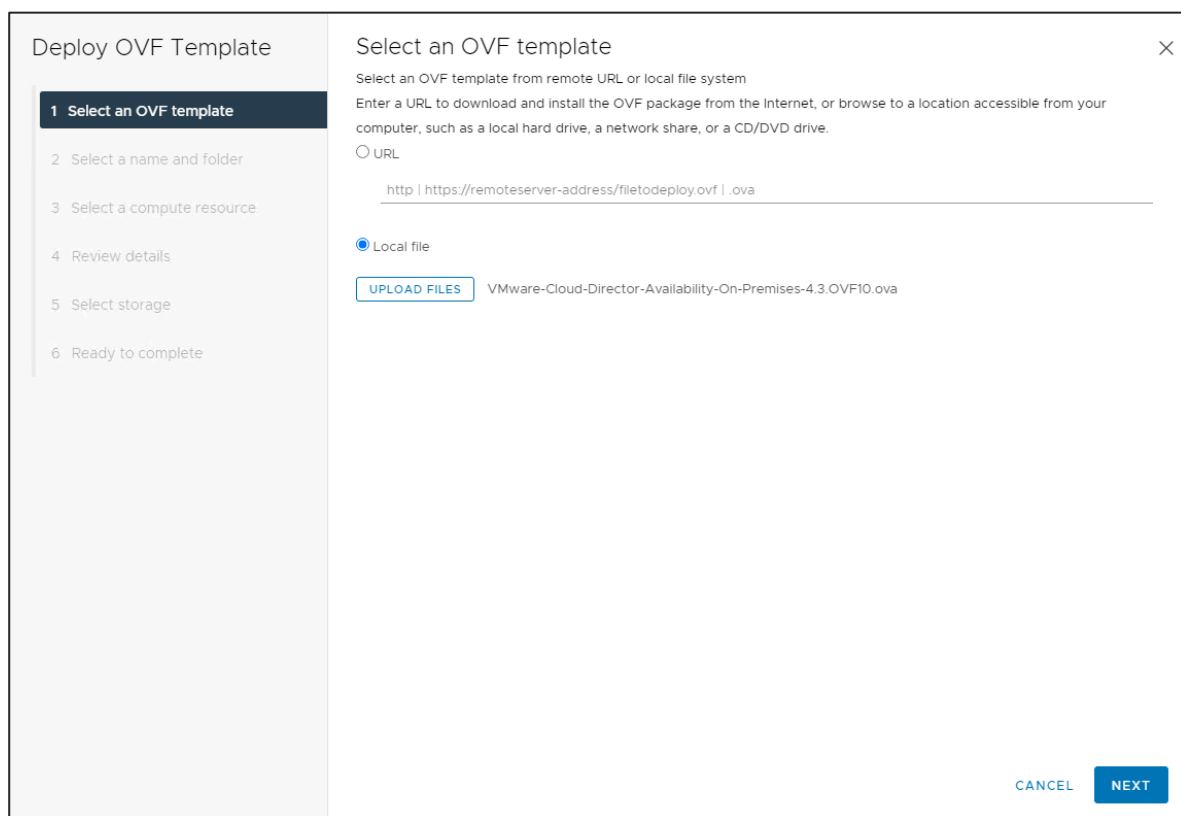


2. From the Actions - Cluster menu, select **Deploy OVF Template**

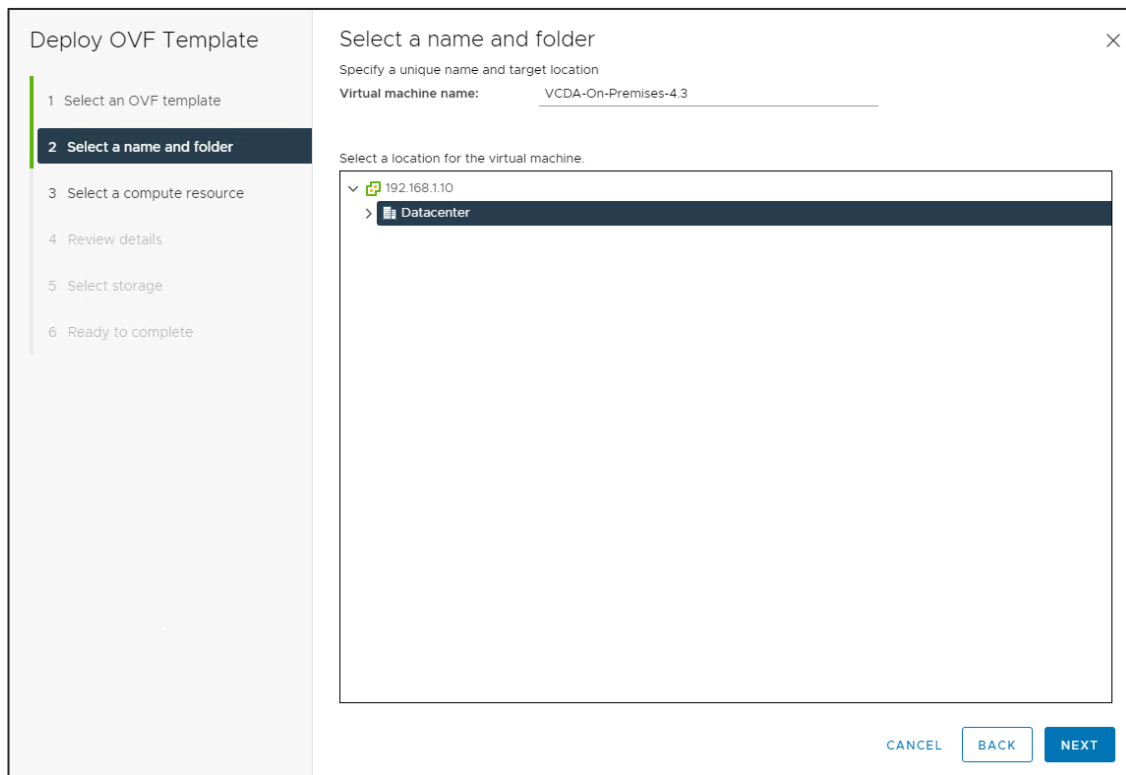


3. Follow the steps of the **Deploy OVF Template** wizard.

- 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**



The screenshot shows the 'Deploy OVF Template' wizard with the 'Select a name and folder' step selected. The 'Virtual machine name' field contains 'VCDA-On-Premises-4.3'. The 'Select a location for the virtual machine' section shows a tree view with 'Datacenter' selected. The 'NEXT' button is highlighted.

**Deploy OVF Template**

- 1 Select an OVF template
- 2 Select a name and folder**
- 3 Select a compute resource
- 4 Review details
- 5 Select storage
- 6 Ready to complete

**Select a name and folder**

Specify a unique name and target location

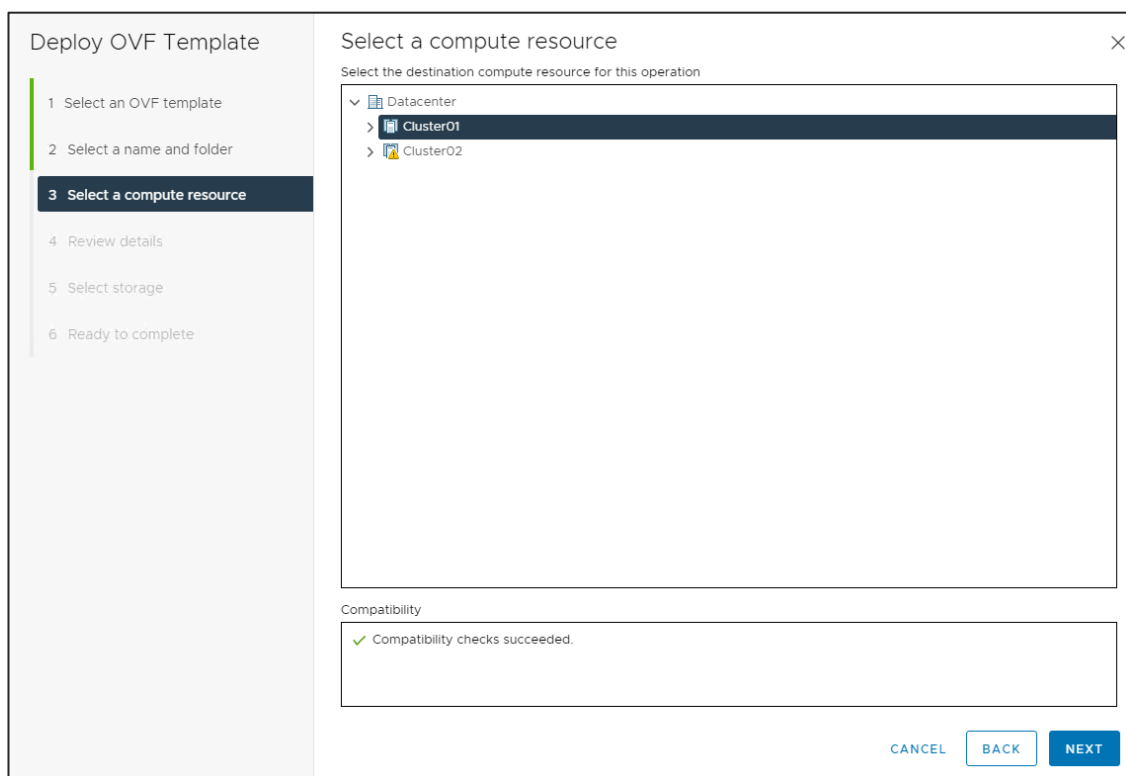
Virtual machine name:

Select a location for the virtual machine.

- 192.168.1.10
  - Datacenter**

CANCEL BACK NEXT

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



The screenshot shows the 'Deploy OVF Template' wizard with the 'Select a compute resource' step selected. The 'Datacenter' is expanded, showing 'Cluster01' and 'Cluster02'. The 'Compatibility' section shows a green checkmark and the text 'Compatibility checks succeeded.' The 'NEXT' button is highlighted.

**Deploy OVF Template**

- 1 Select an OVF template
- 2 Select a name and folder
- 3 Select a compute resource**
- 4 Review details
- 5 Select storage
- 6 Ready to complete

**Select a compute resource**

Select the destination compute resource for this operation

- Datacenter
  - Cluster01**
  - Cluster02

Compatibility

✓ Compatibility checks succeeded.

CANCEL BACK NEXT

- d. In the **Review details** page, verify the template details 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

### Review details

Verify the template 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)

CANCEL BACK NEXT

- e. In the **License agreement** page, accept the license agreement 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

### License agreements

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

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Last updated: 03 May 2021

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CANCEL BACK 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	<p>Password for root. Single and double quotes are not allowed.</p> <p>Password <input type="password" value="....."/></p> <p>Confirm Password <input type="password" value="....."/></p>
Enable SSH	<p>Enable SSH <input checked="" type="checkbox"/></p>
NTP Server	<p>NTP Servers to use (e.g. 10.23.108.1,10.23.108.2).</p> <p><input type="text" value="192.168.1.1"/></p>

Networking Properties	6 settings
Hostname	<p>The hostname of the VM. Leave blank if DHCP is desired.</p> <p><input type="text"/></p>
Address	<p>IP address in CIDR notation (e.g. 10.71.219.227/21). Leave blank if DHCP is desired.</p> <p><input type="text"/></p>
Gateway	<p>Gateway address (e.g. 10.71.223.253). This field is ignored if the address is empty. Leave blank if DHCP is desired.</p> <p><input type="text"/></p>

[CANCEL](#) [BACK](#) [NEXT](#)

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

### 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**

### Ready to complete

Click Finish to start creation.

Name	VCDA-On-Premises-4.3
Template name	VMware-Cloud-Director-Availability-On-Premises-4.3.0.3081473-2c5394b35a_OVF10
Download size	354.7 MB
Size on disk	1.5 GB
Folder	Datacenter
Resource	Cluster01
Storage mapping	1
All disks	Datastore: NFS-Datastore; Format: Thin provision
Network mapping	1
VM Network	VM Network
IP allocation settings	
IP protocol	IPv4
IP allocation	Static - Manual
Properties	Enable SSH = True NTP Server = 192.168.1.1 Hostname = Address = Gateway = MTU (bytes) = DNS servers = Search Domains =

CANCEL BACK 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.





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