

# Create a new VM from OVF or OVA

You can upload OVF or OVA virtual machine templates to deploy in vCloud Director.

OVA / OVF uploads can be completed in two ways






1. Add a new VApp from OVF
  - a. This is the typical method of deployment.
  - b. It is good for one time use virtual machines.
2. Uploading as a Template into a Catalog
  - a. This is a good method

If an OVA/OVF template requires additional information during deployment, such as advanced network or storage options, it may fail to upload to vCloud.

If this is the case, try either method described below. If it still fails to upload, please open a case with [support@evolveip.net](mailto:support@evolveip.net) and provide the details of the error and how large the OVA/OVF is. The OVA/OVF may need to be import by EvolveIP Support and then imported into your Organization VDC.

If that is the case, we will require additional deployment information such as IP addresses, storage, and networking requirements.

## Procedure

Add a new VApp from OVF	Uploading as a Template into a Catalog
<ol style="list-style-type: none"><li>1. On the <b>Virtual Datacenters</b> dashboard screen, click the card of the virtual data center you want to explore.</li><li>2. From the <b>Compute</b> menu on the left click <b>vApps</b>.</li><li>3. Click <b>Add vApp from OVF</b>.<div></div><ol style="list-style-type: none"><li>a. Click <b>Browse</b> <div></div> to select the OVF to import and click <b>Next</b>.</li></ol></li><li>4. Review the details of the template and click <b>Next</b>.</li><li>5. Edit the vApp <b>Name</b> and <b>Description</b> if desired and click <b>Next</b>.</li><li>6. Edit the <b>Computer Name</b> and <b>Storage Policy</b> and click <b>Next</b>.</li><li>7. Configure the networking and click <b>Next</b>.<ol style="list-style-type: none"><li>a. Select the <b>Network</b> and <b>IP Assignment Policy</b> to connect to the vApp.</li><li>b. You can check the box to enable <b>Advanced Networking</b> options.</li></ol></li><li>8. You can customize the CPU and memory for the template and click <b>Next</b>.</li><li>9. Review the specifications and click <b>Finish</b> to begin the import.<ol style="list-style-type: none"><li>a. The import process is done in two stages.<ol style="list-style-type: none"><li>i. The template is uploaded into temporary storage.</li><li>ii. The template is imported and deployed into the storage policy.</li></ol></li><li>b. The import process may take a long time depending on upload speeds and the size of the OVF.</li></ol></li><li>10. You can watch the process on the <b>Recent Tasks</b> bar at the bottom of the page.</li><li>11. Once deployment is complete you can power on the VM and interact with it.</li></ol>	<ol style="list-style-type: none"><li>1. On the <b>Virtual Datacenters</b> dashboard screen, click the card of the virtual data center you want to explore.</li><li>2. From the main menu select <b>Libraries</b>.<ol style="list-style-type: none"><li>a. If needed, create a new Catalog.</li></ol></li><li>3. Click <b>Add</b> under <b>vApp Templates</b> <div></div><ol style="list-style-type: none"><li>a. Click <b>Browse</b> <div></div> to select the OVF to import and click <b>Next</b>.</li></ol></li><li>4. Review the details of the template and click <b>Next</b>.</li><li>5. Edit the vApp <b>Name</b> and <b>Description</b> if desired and click <b>Next</b>.</li><li>6. Edit the <b>Computer Name</b> and <b>Storage Policy</b> and click <b>Next</b>.<ol style="list-style-type: none"><li>a. The <b>EvolveIP</b> catalogs are unavailable.</li></ol></li><li>7. Review the template info and click <b>Finish</b> to begin the import.<ol style="list-style-type: none"><li>a. The import process is done in two stages.<ol style="list-style-type: none"><li>i. The template is uploaded into temporary storage.</li><li>ii. The template is imported and deployed into the storage policy.</li></ol></li><li>b. The import process may take a long time depending on upload speeds and the size of the OVF.</li></ol></li><li>8. You can watch the process on the <b>Recent Tasks</b> bar at the bottom of the page.</li><li>9. Once the vApp Template is complete you can power on the VM and interact with it.</li></ol> <ol style="list-style-type: none"><li>10. Click the <div></div> icon next to the vApp.</li><li>11. Enter a <b>Name</b> and <b>Description</b> for the template and click <b>Next</b>.</li><li>12. On the <b>Configure Resources</b> page, configure the <b>Storage Policy</b>.<ol style="list-style-type: none"><li>a. Depending on the vApp Template, you may need to select a storage policy.</li></ol></li><li>13. Configure the Network settings for the vApp and VM.</li><li>14. You can customize the hardware of the VM.<ol style="list-style-type: none"><li>a. However, EvolveIP does not recommend customizing the hardware.</li></ol></li><li>15. Review the configuration and click <b>Finish</b> to begin the import.<ol style="list-style-type: none"><li>a. During deployment the vApp Template is imported into the storage policy.</li><li>b. If the template and destination storage policy are not compatible, the import will fail and take some time.</li></ol></li><li>16. You can watch the process on the <b>Recent Tasks</b> bar at the bottom of the page.</li><li>17. Once deployment is complete you can power on the VM and interact with it.</li></ol>
During the upload process the progress bar will sit at 1% for a while. This is the upload phase, when the OVA/OVF is being uploaded to vSphere. Once the progress gets past 1% it means that the OVA/OVF is being imported into vSphere and vCloud.	

IP EvolveIP vCloud PHL

Datcenters

1

Sites

1

Organizations

2

Virtual Datacenters

1

Running vApps

0

Running VMs

0 MHz

Used CPU

4 GB

Used Memory

Virtual Datacenters

EIP-Migrate-VC3

EIP\_Migrate, vCloud - 401

Applications

1

vApps

0 of 1

Running VMs

CPU

0 MHz

5.0 GHz allocated

Memory

4 GB

24.0 GB allocated

Storage

54 GB

250.0 GB allocated

EIP-Migrate-PHL-01

EIP\_Migrate, vCloud - 401

Applications

0

vApps

0 of 0

Running VMs

CPU

0 MHz

5.0 GHz allocated

Memory

0 MB

16.0 GB allocated

700

Recent Tasks

Task	Status	Type	Initiator	Start Time	Completion Time	Service
Deleted Virtual Application Template safeconnect(dce72ee1-1086-4323-8416-a462525e15fd)	Succeeded	vapptemplate	epadmin	08/13/2019, 04:02:37 PM	08/13/2019, 04:02:39 PM	com
Deleted Virtual Application Test(06c90630-e504-4e0a-a045-10f61ab8590f)	Succeeded	vapp	epadmin	08/13/2019, 04:00:41 PM	08/13/2019, 04:00:45 PM	com
Created Virtual Application Test(06c90630-e504-4e0a-a045-10f61ab8590f)	Succeeded	vapp	epadmin	08/13/2019, 03:56:38 PM	08/13/2019, 03:58:41 PM	com

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1

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Virtual Datacenters

Virtual Datacenters

EIP-Migrate-VC3

EIP\_Migrate, vCloud - 401

Applications

1

vApps

0 of 1

Running VMs

CPU

0 MHz

5.0 GHz allocated

Memory

4 GB

24.0 GB allocated

Recent Tasks

Task

Deleted Virtual Application Test-vApp(9a929606-09e5-43b1-a75a-14356823386c)

Updated Virtual Machine VAC-Fiw01(28e0bf13-cd26-4e00-8c80-76c5f9ec3407)

Updated Virtual Machine VAC-Fiw01(28e0bf13-cd26-4e00-8c80-76c5f9ec3407)