

Create a New Standalone Virtual Machine

Prerequisites

This operation requires the rights included in the predefined **Organization VDC Admin**, **VApp Admin** or an equivalent set of rights.

If deploying a VM from a template, you must already have access to a template. Or have created your own Catalog and uploaded your own template or ISO. Instructions can be found under the [Working with Catalogs](#) section.

Procedure

1. On the **Virtual Datacenters** dashboard screen, click the card of the virtual data center you want to deploy a new virtual machine into and select **Virtual Machines** from the left menu.
2. Click **NEW VM**.
3. Enter the name and the computer name for the virtual machine.
 - a. **Important:** the computer name can contain only alphanumeric characters and cannot consist of digits only.
4. check the box if you want the VM to power on right after it is created.
5. (Optional) Enter a meaningful description.

Create a New VM	Create a New VM from T
<ol style="list-style-type: none">1. Select the New radio button.2. Select an Operating System family and Operating System.<ol style="list-style-type: none">a. If you don't see your operating system select the closest.b. Example If you want Server 2019 and it is not available, select Server 2016 from the list.3. (Optional) Select a Boot Image<ol style="list-style-type: none">a. This will select ISO's available from catalogs.4. Select the size of the VM or click Customize to enter the compute, memory, and storage settings manually.<ol style="list-style-type: none">a. Compute (CPU)<ol style="list-style-type: none">i. For smaller VMs we recommend 2 virtual CPUs with 1 core per socket. This will result in 2 sockets with 1 CPU each.ii. For larger VMs we recommend 4 virtual CPUs with 2 cores per socket. This will result in 2 sockets with 2 CPUs each.iii. We do not recommend going over 8 virtual CPUs as it will result in lower performance.b. Memory<ol style="list-style-type: none">i. If you want more or less RAM than is available from the selection drop-down, it can be specified after initial creation and before you power the VM on for the first time.c. If you want a different size HDD you can alter it before powering on.5. Click Customize to specify network settings for the VM, such as network, IP mode, IP address, and primary NIC.6. Click OK.7. You can watch the creation of the VM in the Recent Tasks, the VM will show busy as it is creating.8. Once complete the VM is ready to be powered on and configured.	<ol style="list-style-type: none">1. Select the Template with the desired<ol style="list-style-type: none">a. Name: The OS of the Templateb. Catalog: The location of the Template<ol style="list-style-type: none">i. Make sure the Catalog locationii. If you select a template from2. Click OK.3. You can watch the creation of the VM4. Once complete the VM is ready to be

