

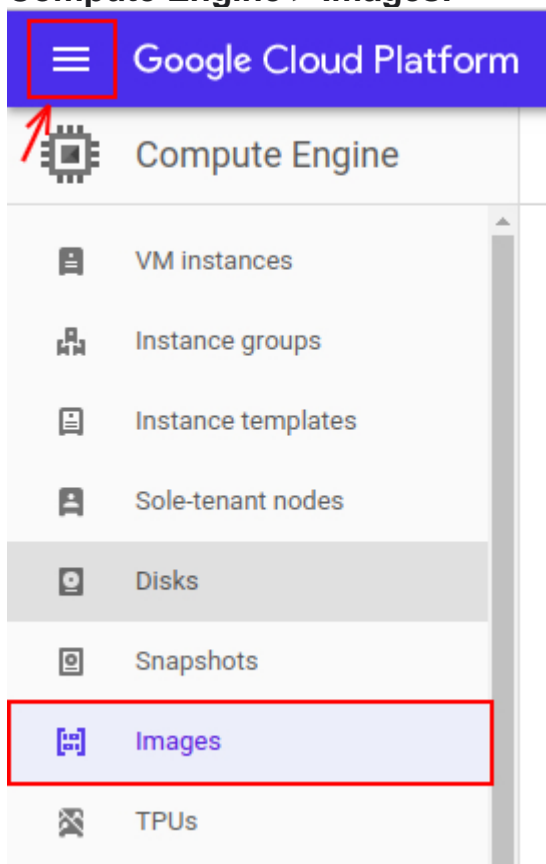
Create VMs using a template

You'll now create a template for `vm1`.

First, **shut down** the VM instance **vm1** by going to the **Compute Engine > VM instance**, selecting the VM instance `vm1`, and clicking on the **stop** button at the top.

Now, create an image named `vm-image` based on the **vm1** disk by following the steps below:

In the GCP Console, on the top left of the screen, select **Navigation menu > Compute Engine > Images**:



Click on the **CREATE IMAGE** button below.

Images

[+] CREATE IMAGE

REFRESH

CREATE INSTANCE

DEPRECATE

Images

Image import history

Filter images

<input type="checkbox"/>	Name	Location	Size	Disk size	Created by
<input type="checkbox"/>	✓ c0-common-gce-gpu-image-20191226	asia, eu, us	279.76 GB	50 GB	c0-common-gce-gpu-image-20191226
<input type="checkbox"/>	✓ c1-deeplearning-common-cu100-20191226	asia, eu, us	279.76 GB	50 GB	c1-deeplearning-common-cu100-20191226

Then, create an image based on the **vm1's** disk, using the following parameters:

Field	Value
Name	vm-image
Source	Disk
Source Disk	vm1

Leave all of the other values set to their default settings. Click on the **create** button to create your image.

Images

[+] CREATE IMAGE

REFRESH

CREATE INSTANCE

DEPRECATE

Images

Image import history

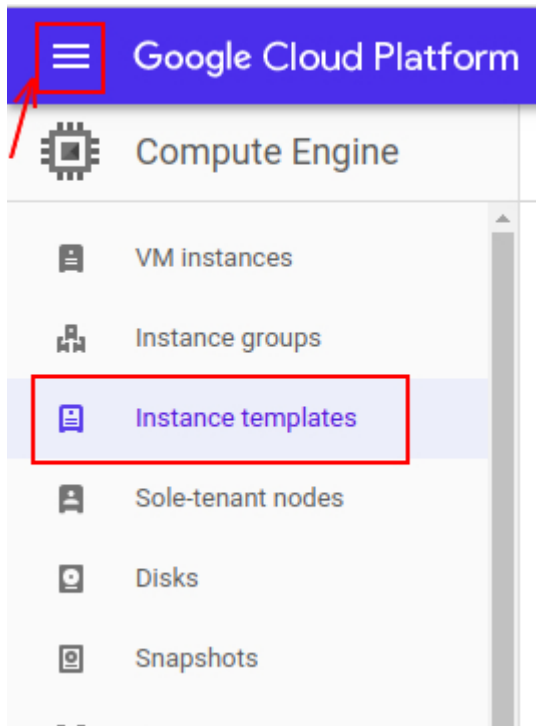
Filter images

<input type="checkbox"/>	Name	Location	Size	Disk size	Created by
<input type="checkbox"/>	✓ vm-image	us	469.79 MB	10 GB	qwiklabs-gcp-03-ca054f986908

Now, create an instance template using `vm-image` for the boot disk you just created.

To create a instance template, follow the instructions below:

In the GCP Console, on the top left of the screen, select **Navigation menu > Compute Engine > Instance templates**:




Now, click on **Create instance template** to create a new template. There are lots of parameters that you can configure when creating a new instance. Use the following for this lab:

Field	Value	Additional information
Name	vm1-template	Name for the VM instance template
Machine Type	n1-standard-1	Note: A new project has a default resource quota , which may limit the number of CPU cores. You can request more when you work on projects outside of this lab.
Boot Disk	vm-image	Click on the change button, click on the custom images section. Now, select vm-image by selecting the project you are working on.
Boot disk type	standard persistent disk	Learn more about standard persistent disk check out this link .
Firewall	allow HTTP and HTTPS traffic	Learn more about firewall check out this link .

Leave the rest of the values set to their default settings. Click on the **create** button to create the instance template `vm1-template`.

Instance templates

 CREATE INSTANCE TEMPLATE

 REFRESH

 COPY

 Filter instance templates



Column

<input type="checkbox"/> Name ^	Machine type	Image	Disk type	In use by	Creation time
<input type="checkbox"/> vm1-template	1 vCPU, 3.75 GB	vm-image	Standard persistent disk		Dec 26, 2019, 3:08:36 PM