



Linux Academy
Live! Lab

Launching
Instances
from Horizon

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Lab Connection Information

- Labs may take up to five minutes to build
- Access to the Horizon Dashboard is provided on the Live! Lab page, along with your login credentials
- SSH information is provided on the Live! Lab page
- Labs will automatically end once the allotted amount of time finishes

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*... and you can
always send in a
support ticket on
our website to talk
to an instructor!*

Introduction

Having learned how to create new instances using the command line interface in a previous lab, this lab shows students how to perform the same actions through the Horizon Dashboard.

Log in to the **Horizon Dashboard** as the *demo* user, using the credentials provided on the **Live! Lab** page.

Starting an Instance

Ensure you have the *demo* project selected, and navigate to the **Instances** page, under **Compute**. Click **Launch Instance**.

Name	m1.tiny
VCPUs	1
Root Disk	1 GB
Ephemeral Disk	0 GB
Total Disk	1 GB
RAM	512 MB

Resource	Used	Limit
Number of Instances	0 of 10	10
Number of VCPUs	0 of 20	20
Total RAM	0 of 51,200 MB	51,200 MB

For the **Details** popup, we named our instance *testvm2* and gave it the **Flavor** of *m1.tiny*. **Instance Count** denotes how many instances of this same configuration should be created; we chose *2*. The **Instance Boot Source** should be set to *Boot from image*, and the **Image Name** is *cirros-0.3.4-x86_64-uec*.

From here, move to the **Networking** tab of the pop-up. The private subnet should already be selected; if not, select it. Press **Launch**.

You can now see your two instances as they generate.

Managing the State of an Instance

<input type="checkbox"/>	Instance Name	Image Name	IP Address	Size	Key Pair	Status	Availability Zone	Task	Power State	Time since created	Actions
<input type="checkbox"/>	testvm2-2	cirros-0.3.4-x86_64-uec	10.0.0.4 fd0b:5f11:573e:0:f816:3eff:fec4:c351	m1.tiny	-	Active	nova	None	Running	0 minutes	Create Snapshot ▼
<input type="checkbox"/>	testvm2-1	cirros-0.3.4-x86_64-uec	10.0.0.3 fd0b:5f11:573e:0:f816:3eff:fef9:5561	m1.tiny	-	Active	nova	None	Running	0 minutes	Associate Floating IP Attach Interface Detach Interface Edit Instance Edit Security Groups Console View Log Pause Instance Suspend Instance Shelf Instance Resize Instance Lock Instance Unlock Instance Soft Reboot Instance Hard Reboot Instance Shut Off Instance Rebuild Instance Terminate Instance

Displaying 2 items

For your *testvm2-2* virtual machine, select the downward arrow next to the **Create Snapshot** button. From here, you can see a variety of options one can perform against their server, in particular, pause, suspend, and terminate an instance. *Pause testvm2-2*, and *suspend testvm2-1*. From the same drop-downs you can *resume* your instances.

Shelving and Terminating Instances

From the options drop-down for a *running* instance, select **Shelve Instance**. What this does is offload the virtual machine for later usage. To make the machine available again, use the **Unshelve Instance** option.

For your second instance, using the drop-down menu, select **Terminate Instance**. This is how you delete an instance. Repeat this process with your second instance.