How to create
a virtual machine (VM)

1. Log into the web dashboard (https://prisma-cloud.ba.infn.it/) with your username and password

2. In the left panel, click on Project → Instances → Launch Instance

3. In the new window, select "nova" in Availability Zone

4. Type a name for the VM

5. Choose a Flavor for the VM among the possibilities in the menu

6. Type the number of VMs you want to instantiate

Launch Instance

Details *   Access & Security *   Networking *   Post-Creation   Advanced Options

Availability Zone:

nova ▾

Instance Name: *

vm-name

Flavor: *

4cpu-4GB-20dsk ▾

Instance Count: *

1

Instance Boot Source: *

--- Select source --- ▾

Specify the details for launching an instance.

The chart below shows the resources used by this project in relation to the project's quotas.

Flavor Details

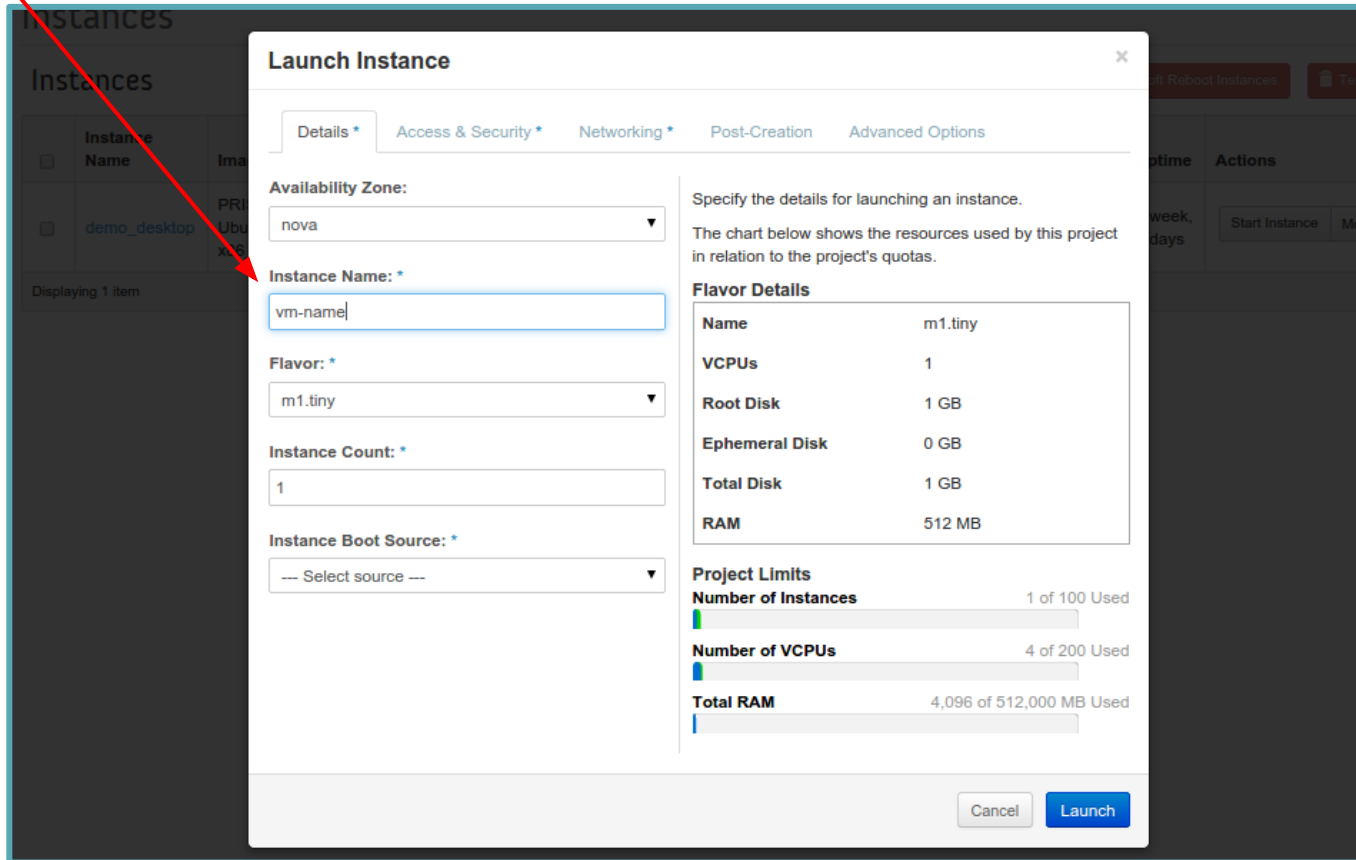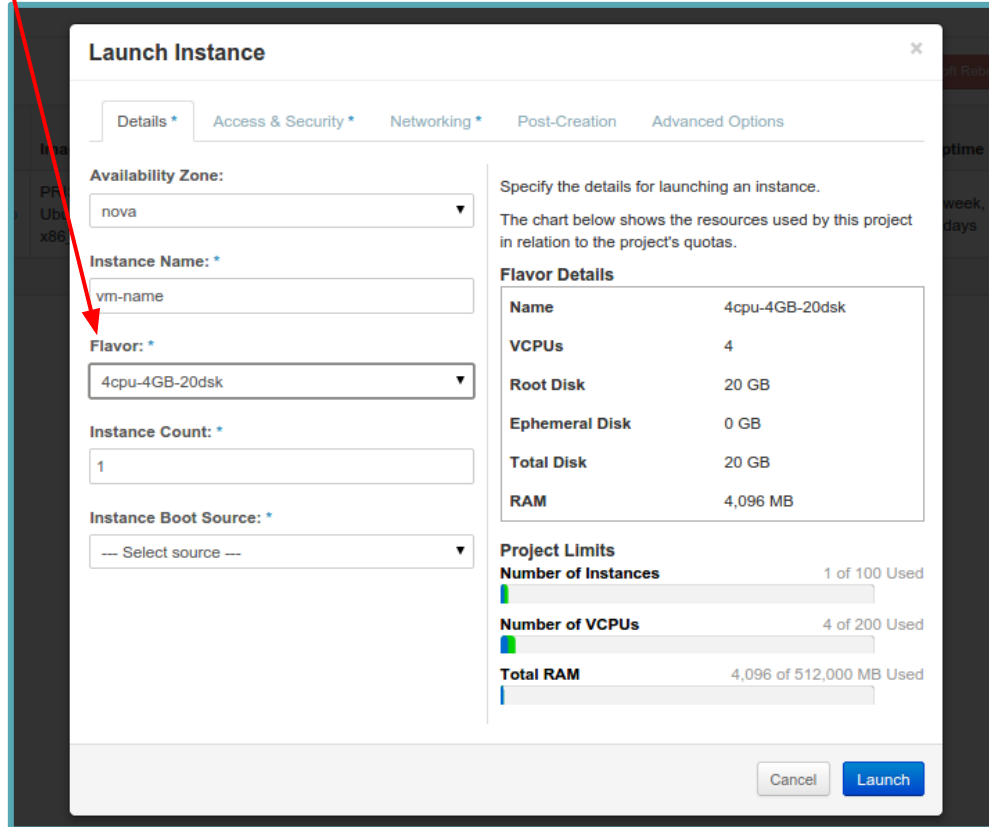| Name	4cpu-4GB-20dsk
VCPUs	4
Root Disk	20 GB
Ephemeral Disk	0 GB
Total Disk	20 GB
RAM	4,096 MB

Project Limits

Number of Instances   1 of 100 Used

Number of VCPUs   4 of 200 Used

Total RAM   4,096 of 512,000 MB Used

Cancel   Launch

7. Choose a source for the boot (in this example, "Boot from image")

Launch Instance   ✕

| Details * | Access & Security * | Networking * | Post-Creation | Advanced Options |

Availability Zone:

nova ▼

Specify the details for launching an instance.

The chart below shows the resources used by this project in relation to the project's quotas.

Instance Name: *
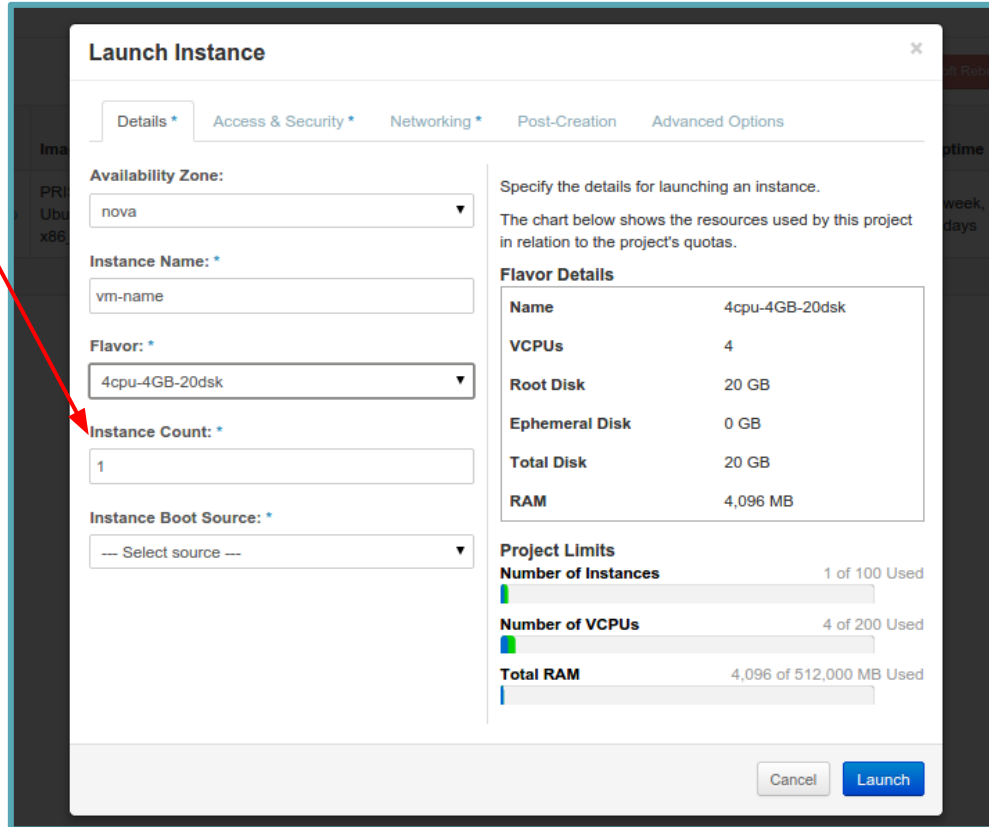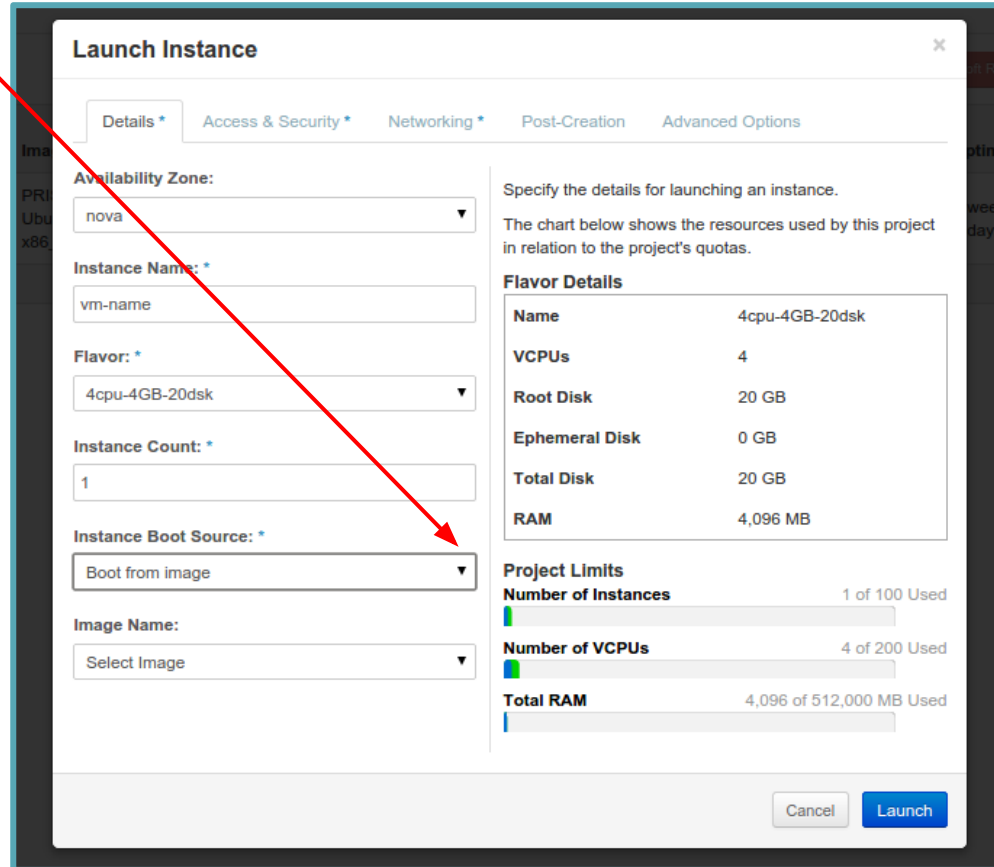
vm-name

Flavor Details

Name	4cpu-4GB-20dsk
VCPUs	4
Root Disk	20 GB
Ephemeral Disk	0 GB
Total Disk	20 GB
RAM	4,096 MB

Flavor: *

4cpu-4GB-20dsk ▼

Instance Count: *

1

Instance Boot Source: *

Boot from image ▼

Project Limits

Number of Instances   1 of 100 Used

Number of VCPUs   4 of 200 Used

Total RAM   4,096 of 512,000 MB Used

Image Name:

Select Image ▼

Cancel   **Launch**

8. Choose an image from the menu

Launch Instance

Details * | Access & Security * | Networking * | Post-Creation | Advanced Options

Availability Zone:

nova ▾

Instance Name: *

vm-name

Flavor: *

4cpu-4GB-20dsk ▾

Instance Count: *

1

Instance Boot Source: *

Boot from image ▾

Image Name:

PRISMA-Ubuntu-14.04-x86_64 (244.1 MB) ▾

Specify the details for launching an instance.

The chart below shows the resources used by this project in relation to the project's quotas.

Flavor Details

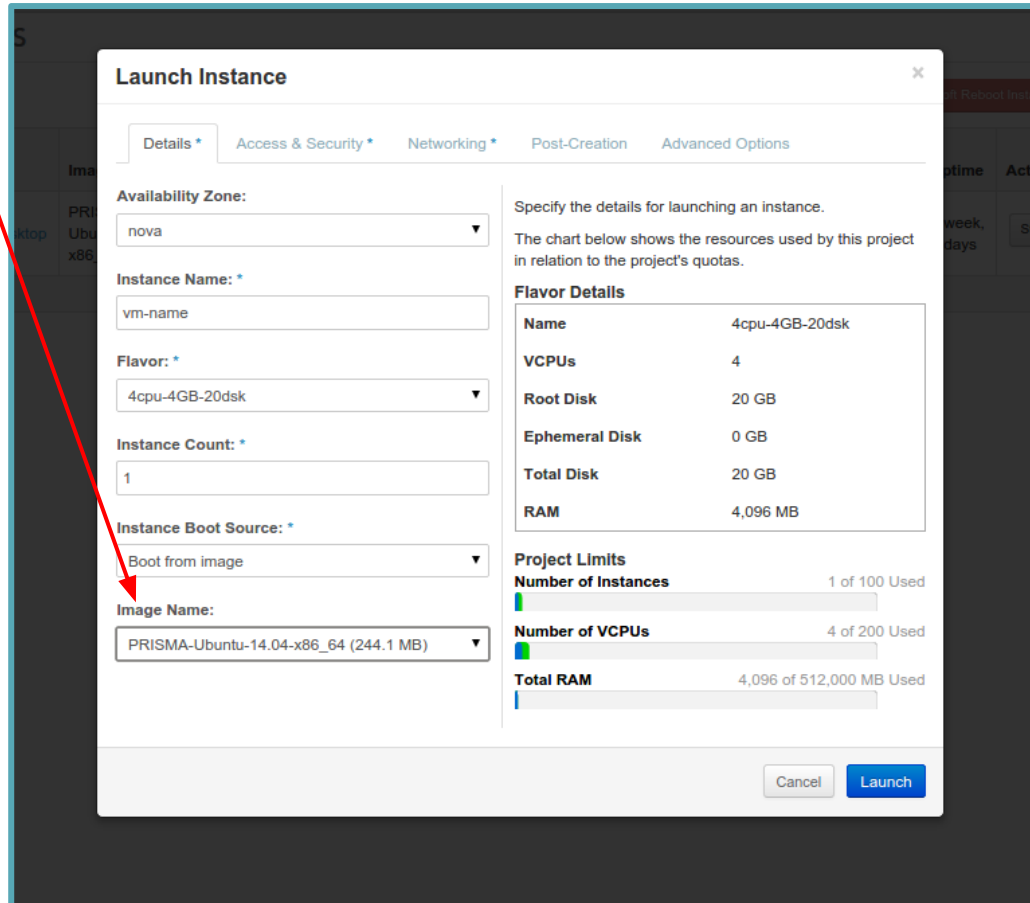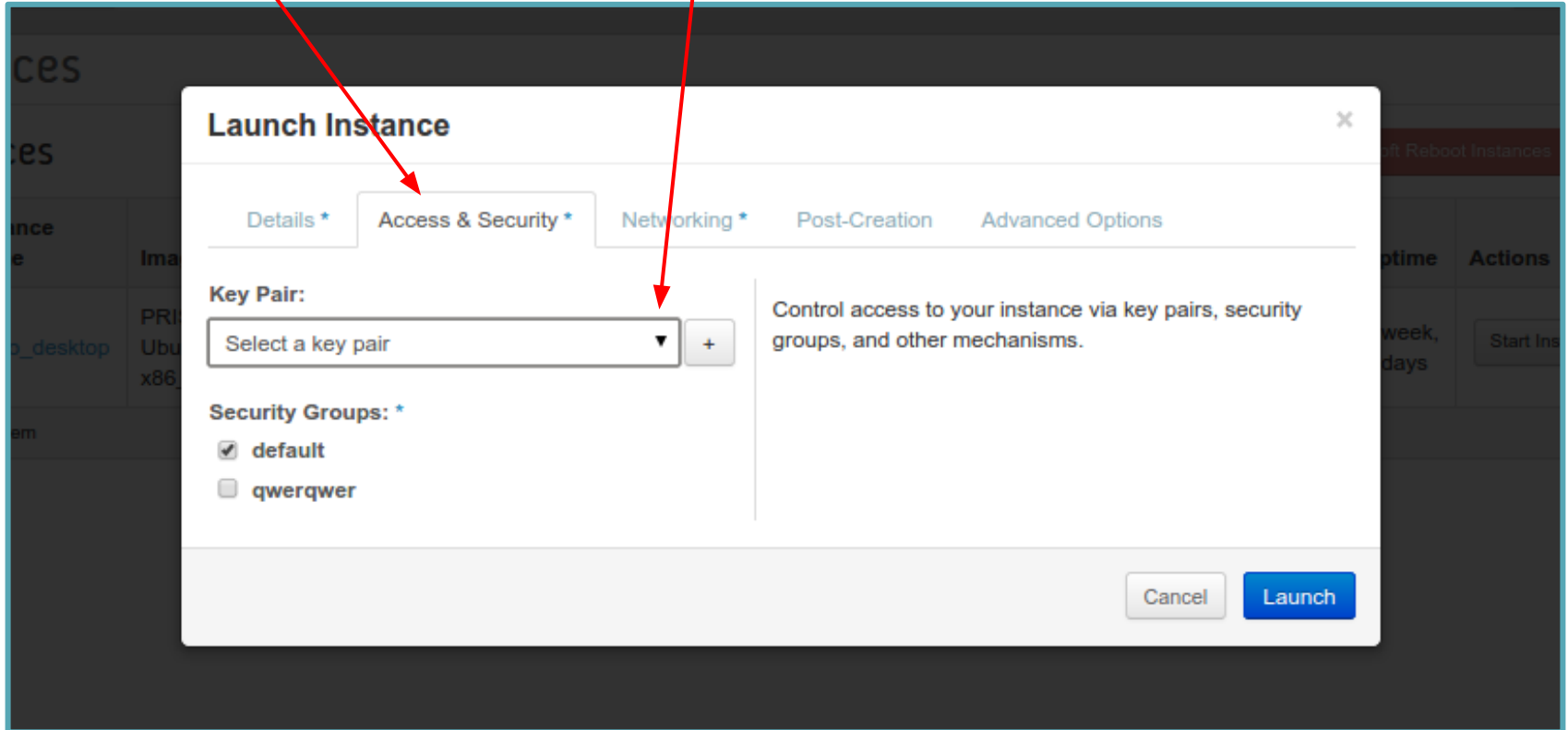| Name	4cpu-4GB-20dsk
VCPUs	4
Root Disk	20 GB
Ephemeral Disk	0 GB
Total Disk	20 GB
RAM	4,096 MB

Project Limits

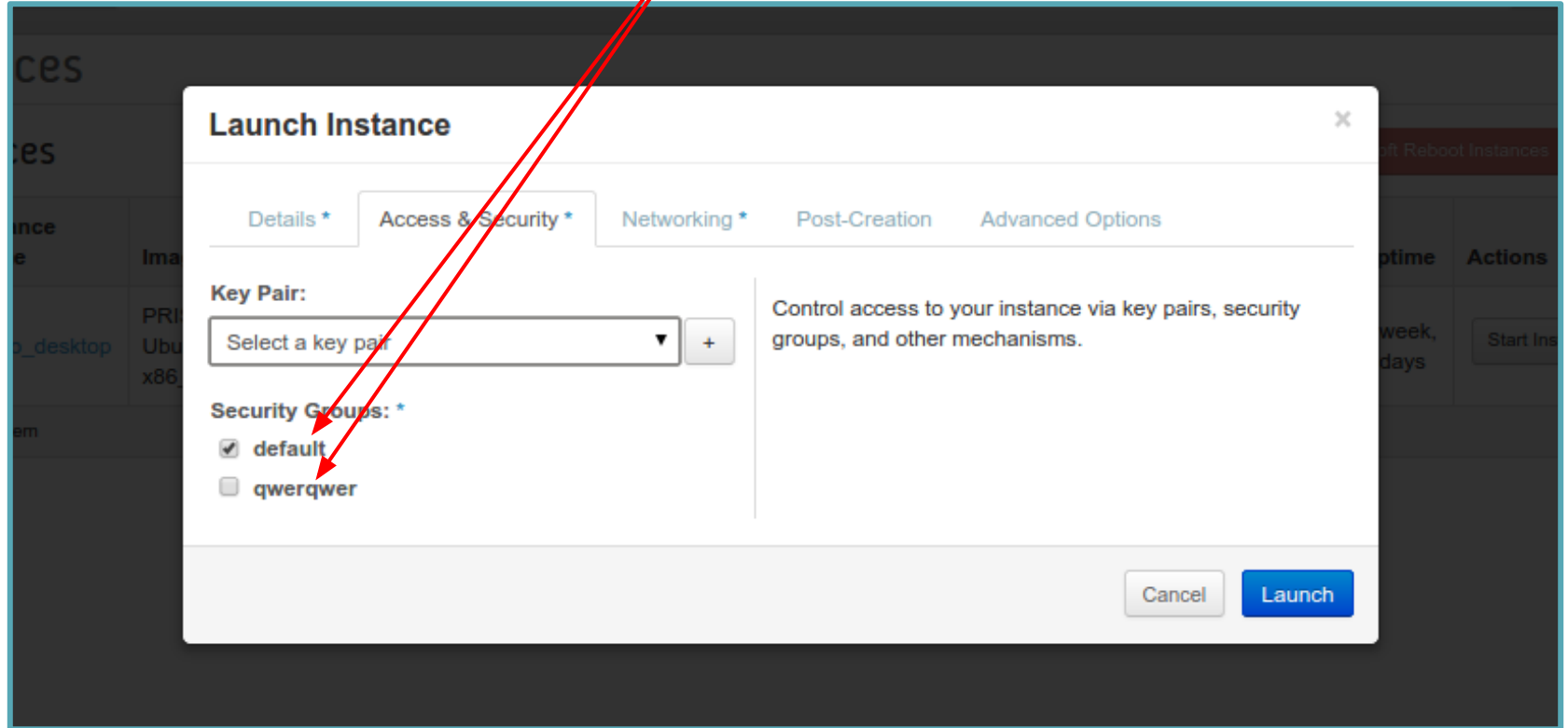**Number of Instances**   1 of 100 Used

Number of VCPUs   4 of 200 Used

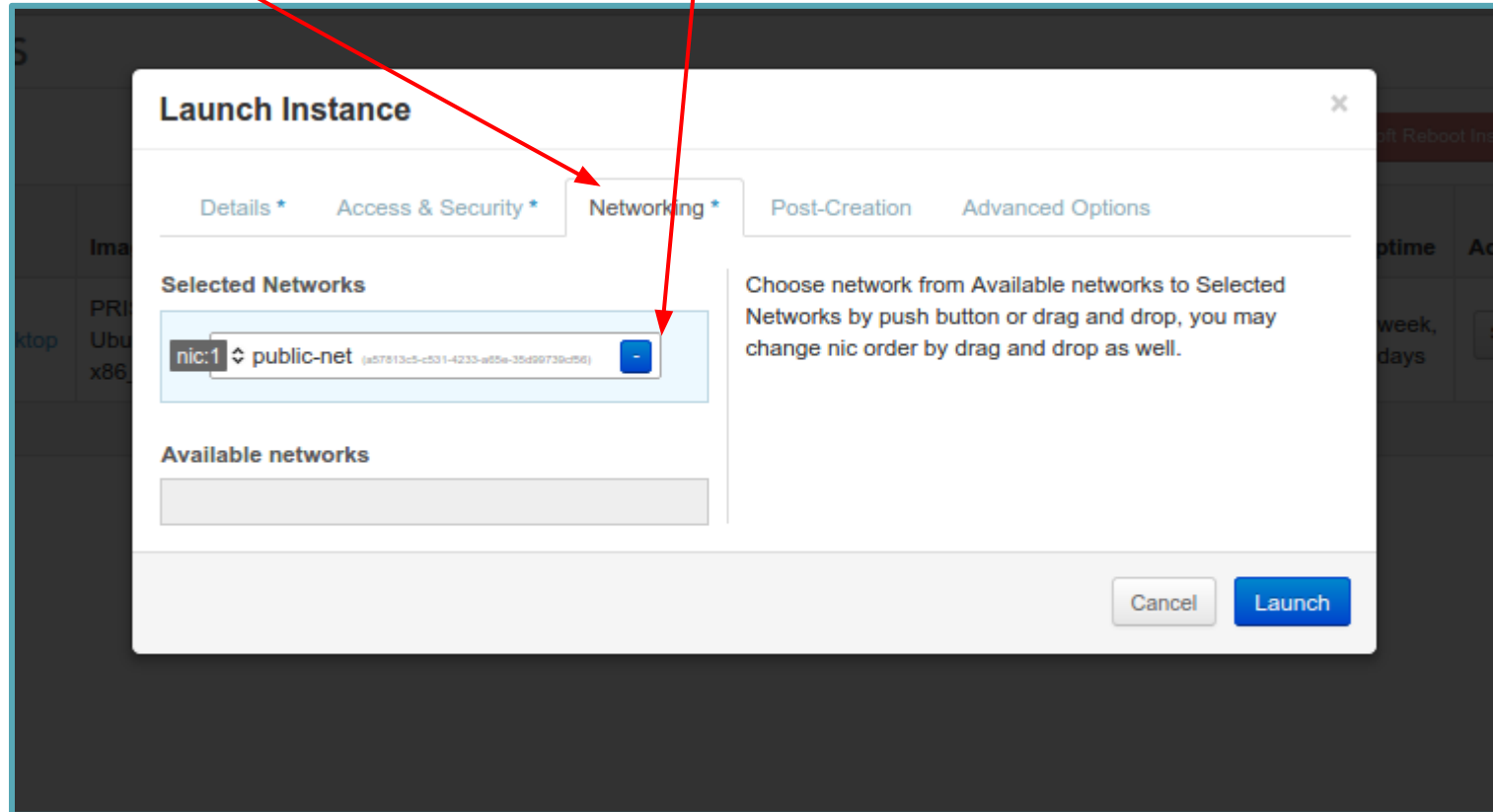**Total RAM**   4,096 of 512,000 MB Used

Cancel | Launch
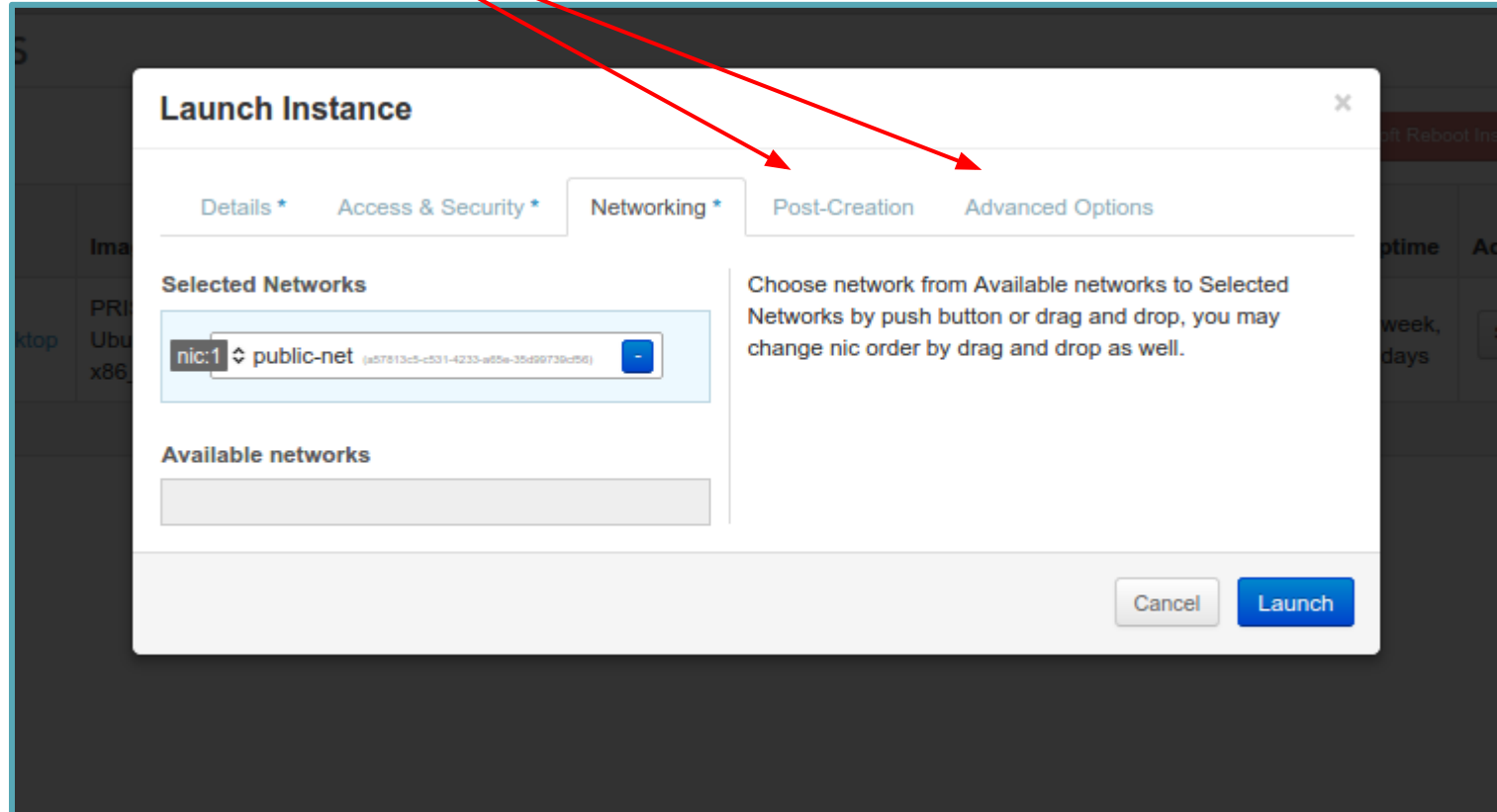
9. In Access & Security panel, select your key pair

10. Associate one or more Security Groups for the VM
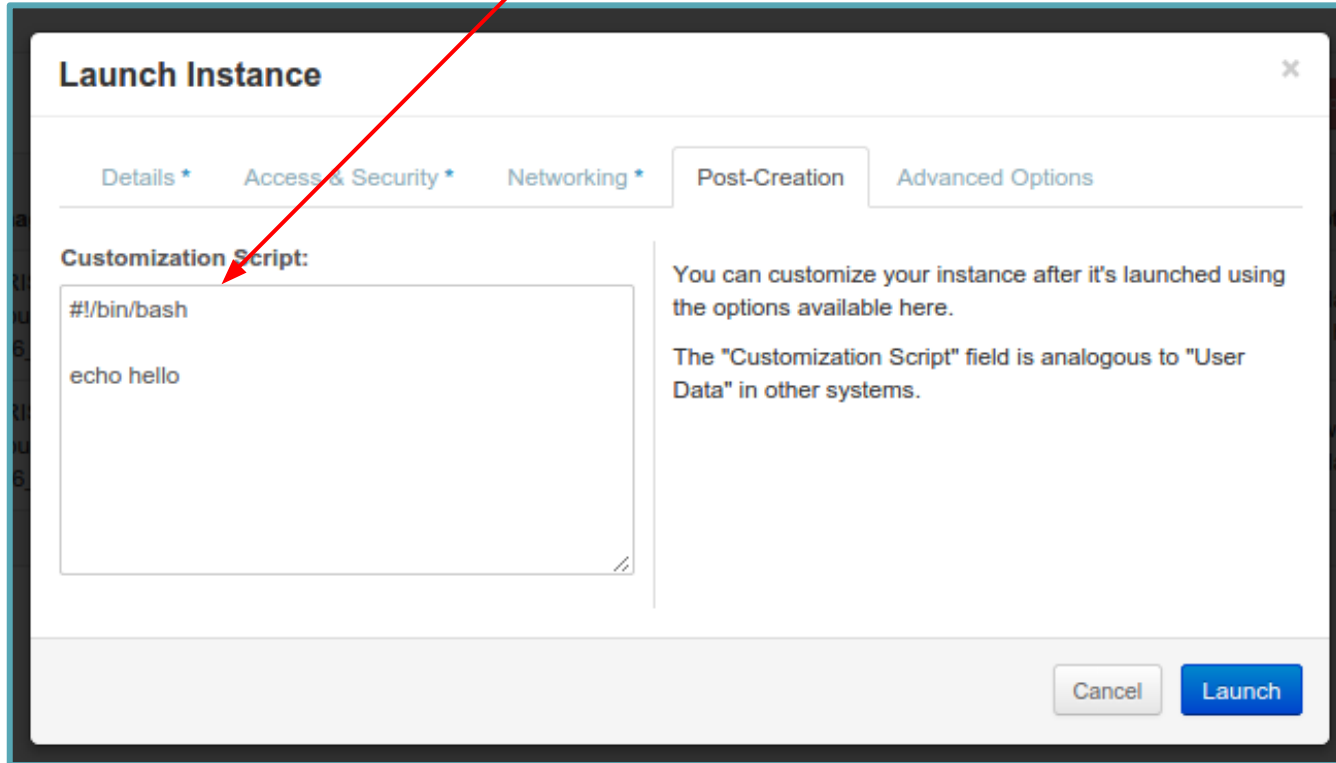
11. In the Networking panel, select the network(s) for the VM

12. The last two panels are for advanced settings.

In Post-Creation you can paste a script you want to be executed at first boot

Launch Instance

Details *   Access & Security *   Networking *   Post-Creation   Advanced Options
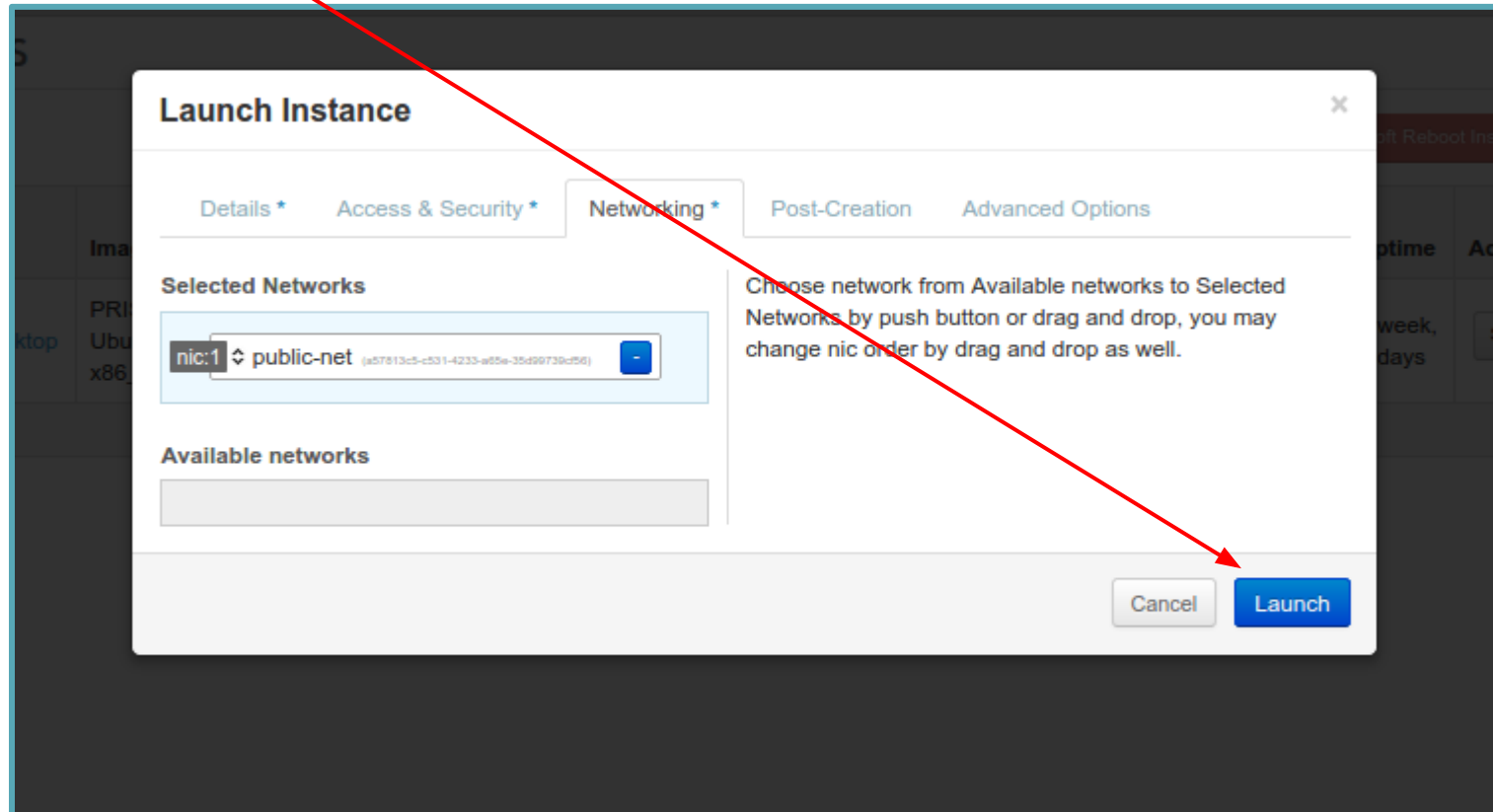
Customization Script:

```
#!/bin/bash

echo hello
```

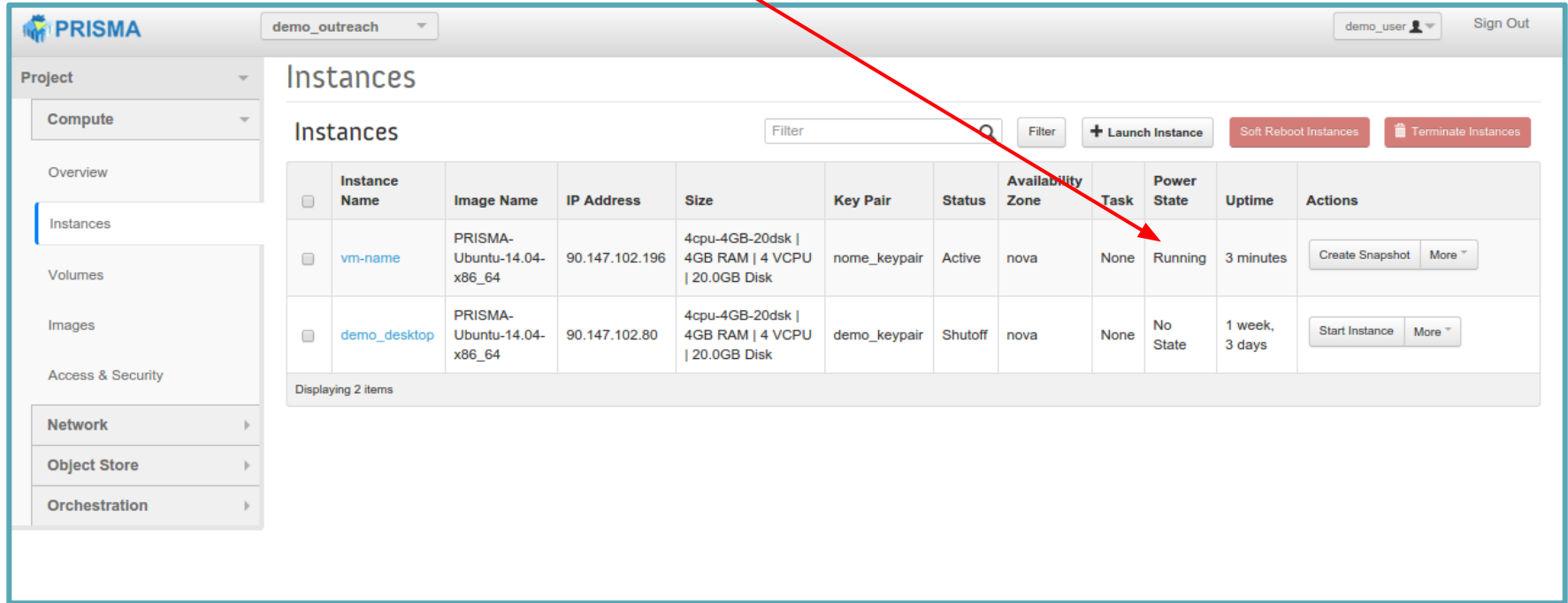You can customize your instance after it's launched using the options available here.

The "Customization Script" field is analogous to "User Data" in other systems.

Cancel   **Launch**

13. Click Launch to start instancing

14. After a little while, the VM you are creating will appear in Running state