

### On the Dashboard page click on the + button

The screenshot shows the OpenNebula dashboard header with navigation links for Dashboard, VMs, Templates, and Services. The user is logged in as 'huwilers'. The main content area is titled 'Virtual Machines' and displays a summary table with columns for Owner, Group, RUNNING, DEPLOYING, OFF, and ERROR. The counts are 0 for Owner, 1 for Group, and 0 for the other three categories. A '+ Add' button is highlighted with a yellow box and a mouse cursor.

### Select the template for the VM. For the Linux make sure you have the [ssh public key configured on your account](#)

The screenshot shows the 'Create Virtual Machine' form. The 'Virtual Machine Name' field is empty. There is a 'Persistent' toggle switch and a green 'Create' button. The 'Template' section is active, showing a search bar and a filter set to 'ALL'. Four template cards are displayed: 'Debian 10 Image', 'Ubuntu 18 LTS', 'Windows 2019', and 'CentOS 8'. Each card shows the OS logo, name, and 'system' user.

### Enter a name for the vm


The screenshot shows the 'Create Virtual Machine' form with 'vmDemo' entered in the 'Virtual Machine Name' field. The 'Persistent' toggle is still off. The 'Debian 10 Image' template is selected and highlighted with a yellow box. The 'Create' button is visible.

### Select Hardware resources. If you don't know what to allocate, start with low resources (default values) you can still upgrade afterwards



### Capacity 0.01 COST/HOUR

Memory   2 GB

CPU 

VCPU 

### Disks 0.000457 COST/HOUR

  DISK 0: t-cloud-centOS8-one  20 GB

## Add a network interface

### Network



**Select the network** You have the choose to use :

- private network : in this case the vm will be accessible from the unige network or vpn but it's more secure.
- public network : with this configuration the VM is accessible directly form internet without any security. You will need to setup the firewall and take care of security.

Please select a network from the list



ID	Name	Group
4	Cloud Private IP (10.40.41.0)	oneadmin

10 Showing 1 to 1 of 1 entries

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Add only one interface ! don't press again on "+Network Interface"

**Select the storage :**

### Datastore

You selected the following datastores:

CloudStorage [vccloud.unige.ch - Cloud] (StorDRS)

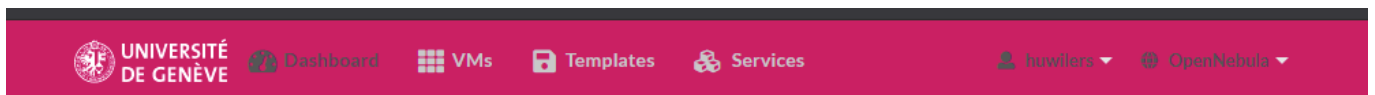


ID	Name	Owner	Group	Status
119	CloudStorage [vccloud.unige.ch - Cloud] (StorDRS)	oneadmin	oneadmin	ON

Showing 1 to 1 of 1 entries

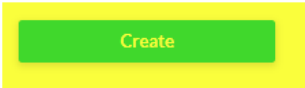
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**Go back to the top and click on create**



Not officially supported

### Create Virtual Machine 0.01 COST / HOUR

 Persistent

Template

**Wait a couple of minutes, until the status is "running"**



Not officially supported

### Virtual Machines



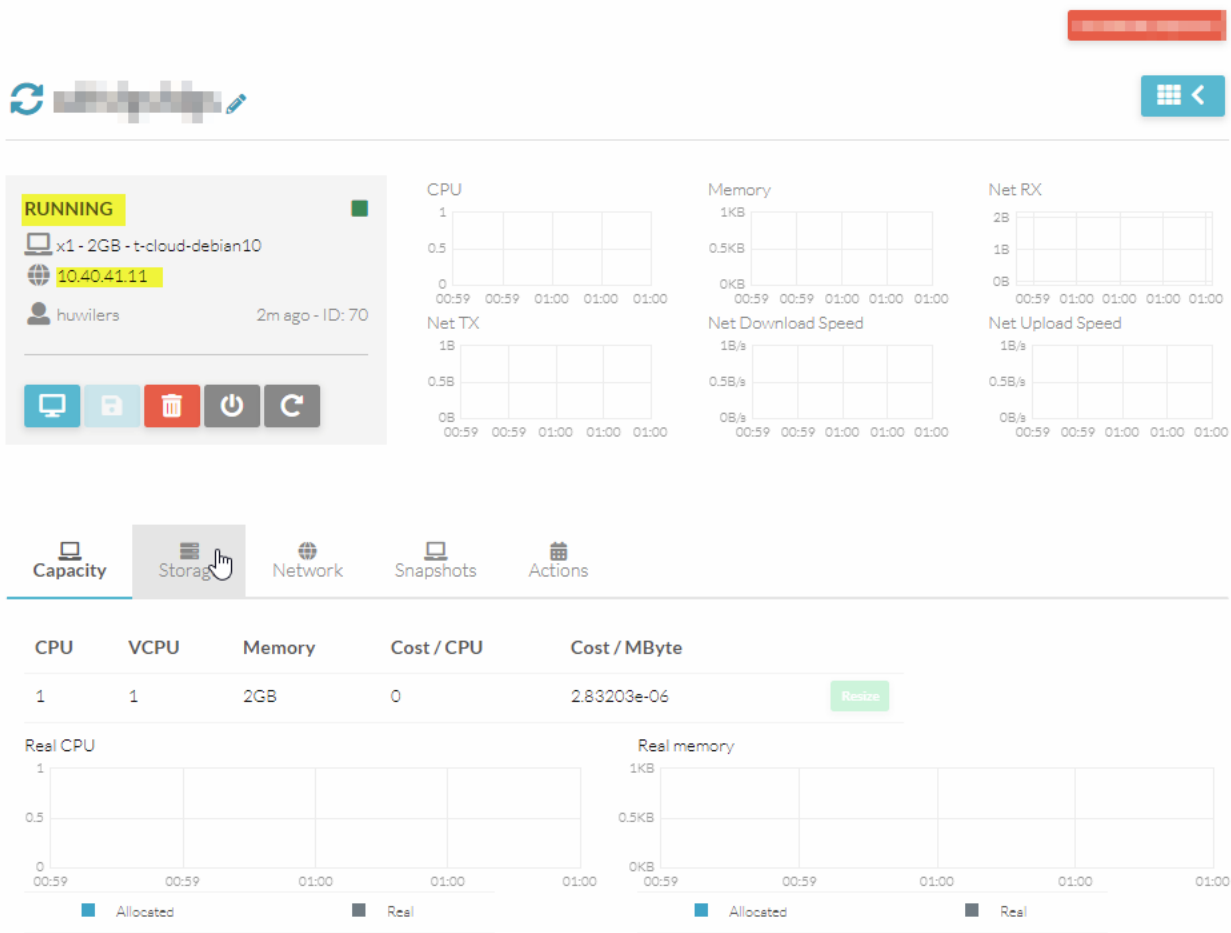
x1 - 2GB - t-cloud-debian10

10.40.41.11

huwilers 1m ago

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**Now you can connect to the vm. Using the IP shown on the interface :**



### Then you can login with your ssh private key

If you need information on how to use your private key. You can follow the documentation : [use private ssh key on windows](#)

```
10.40.41.11 - PuTTY
login as: root
Authenticating with public key "rsa-key-20180727" from agent
Linux sdfsfgsfdgs 4.19.0-5-amd64 #1 SMP Debian 4.19.37-5+deb10u2 (2019-08-08) x86_64

The programs included with the Debian GNU/Linux system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.

Debian GNU/Linux comes with ABSOLUTELY NO WARRANTY, to the extent
permitted by applicable law.
Last login: Wed Oct 9 14:54:28 2019
root@: ~# █
```

From:  
<https://doc.eresearch.unige.ch/> - eResearch Doc

Permanent link:  
<https://doc.eresearch.unige.ch/iaas/createvm>

Last update: **2025/06/11 12:27**

