

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 identified as 'huwilers' and the environment as 'OpenNebula'. The main content area is titled 'Virtual Machines' and displays a summary table with the following data:

Owner	Group	RUNNING	DEPLOYING	OFF	ERROR
0	1	0	0	0	0

A '+ Add' button is highlighted with a yellow box. A red badge in the top right corner of the section reads 'Not officially supported'.

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

The 'Create Virtual Machine' form is shown with the 'Template' step selected. It includes a 'Virtual Machine Name' input field, a 'Persistent' toggle, and a 'Create' button. Below the form, there is a search bar and a filter menu set to 'ALL'. Four templates are displayed as cards:

- Debian 10 Image (Template Debian 10)
- Ubuntu 18 LTS (Ubuntu 18 LTS Image)
- Windows 2019 (Windows Server 2019 STD image)
- CentOS 8 (CentOS 8 image)

Enter a name for the vm

The 'Create Virtual Machine' form is shown with 'vmDemo' entered in the 'Virtual Machine Name' field. The 'Persistent' toggle is still present. Below the form, the 'Debian 10 Image' template is selected and highlighted with a yellow box.

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

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

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Not officially supported

Create Virtual Machine 0.01 COST / HOUR

Template Persistent

Create

Wait a couple of minutes, until the status is “running”

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Virtual Machines

+ Search VMs ALL

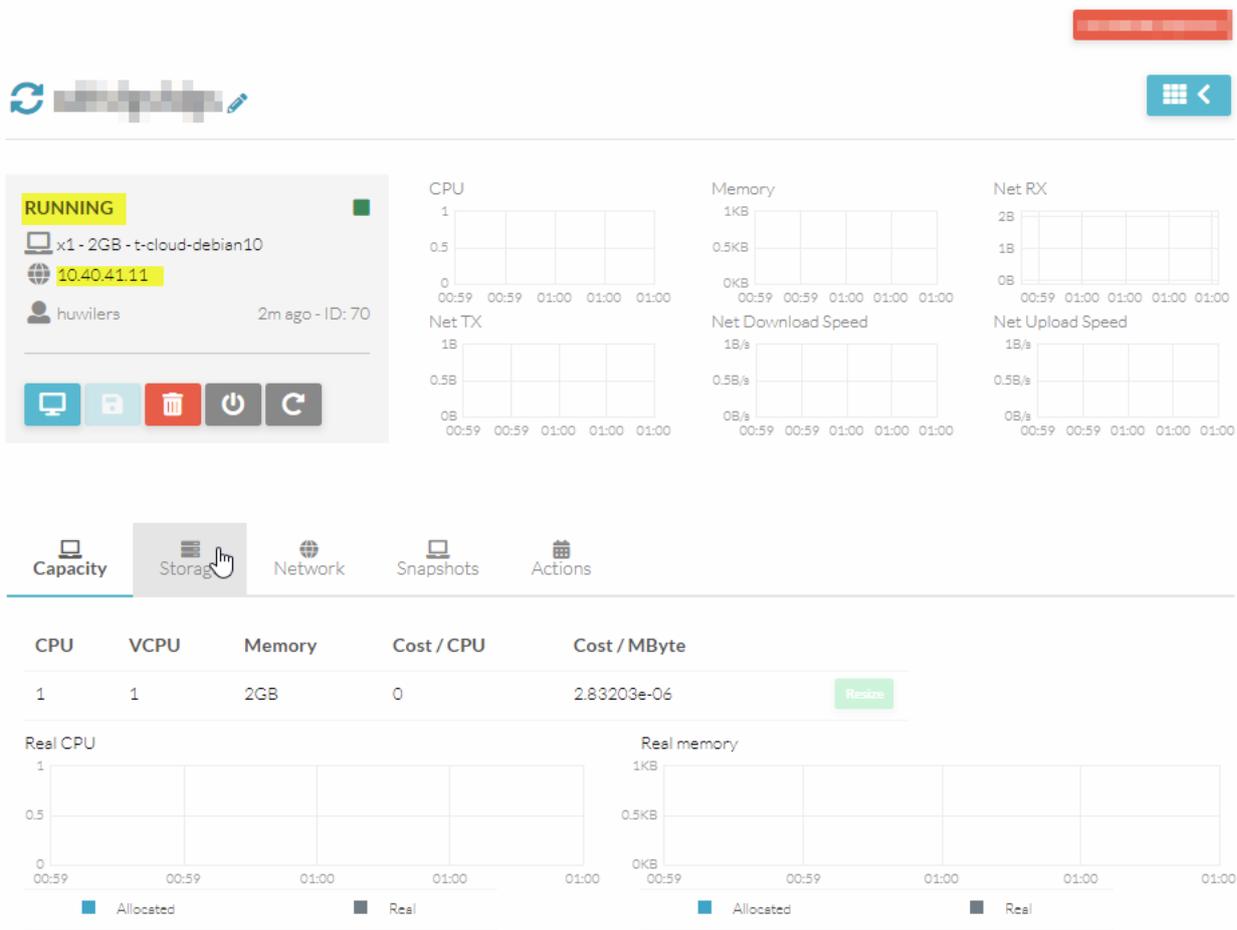
x1 - 2GB - t-cloud-debian10

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.ereseach.unige.ch/> - eResearch Doc

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

Last update: 2025/06/11 12:27

