

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

The dashboard header includes the University of Geneva logo and navigation links for Dashboard, VMs, Templates, and Services. The user is identified as 'huwilers' and the environment as 'OpenNebula'. The 'Virtual Machines' section features a '+ Not officially supported' badge and a table with the following data:

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

A yellow box highlights the '+ Add' button in the Owner column.

### 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 includes a 'Virtual Machine Name' field, a 'Persistent' toggle, and a 'Create' button. The 'Template' section has a search bar and a filter set to 'ALL'. Four templates are displayed:

- 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 now shows the 'Virtual Machine Name' field filled with 'vmDemo'. The 'Persistent' toggle and 'Create' button are visible. The 'Template' section shows 'Debian 10 Image' selected.

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



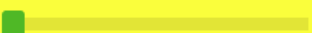

### Capacity 0.01 COST/HOUR

Memory   2 GB 

CPU  1

VCPU  1 

### Disks 0.000457 COST/HOUR

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

## Add a network interface

### Network



**Select the network** You have the choice 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 presse again on "+Netowrk 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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### 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

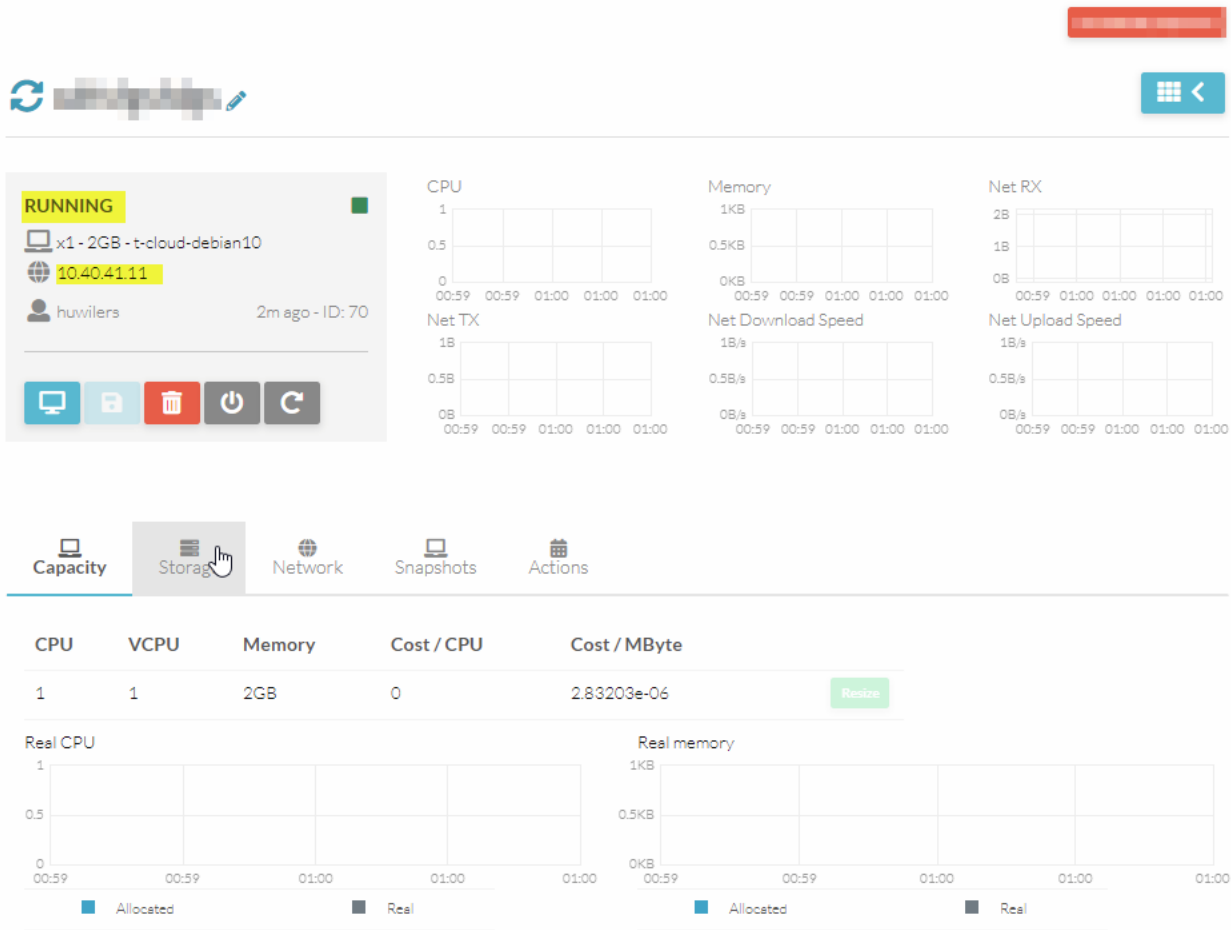
x1 - 2GB - t-cloud-debian10

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.eresearch.unige.ch/> - eResearch Doc

Permanent link:  
<https://doc.eresearch.unige.ch/iaas/createvm?rev=1590491325>

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

