

On the Dashboard page click on the + button

UNIVERSITÉ DE GENÈVE Dashboard VMs Templates Services huwilers OpenNebula

Virtual Machines

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

Not officially supported

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

Create Virtual Machine

Virtual Machine Name

Persistent ? Create

Template

Search Template ALL Labels

- Debian 10 Image
debian
Template Debian 10
system
- Ubuntu 18 LTS
ubuntu
Ubuntu 18 LTS Image
system
- Windows 2019
Windows Server 2019 STD image
system
- CentOS 8
CentOS
CentOS 8 image
system

Enter a name for the vm

Create Virtual Machine 0.01 COST / HOUR

vmDemo

Persistent ? Create

Template

Debian 10 Image

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 GB

CPU

VCPU

Disks 0.000457 COST/HOUR

DISK 0: t-cloud-centOS8-one 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 Previous 1 Next

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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Create Virtual Machine 0.01 COST / HOUR

 Persistent

Template

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

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Virtual Machines

 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 :

The screenshot displays a cloud management interface for a virtual machine. On the left, a summary card shows the VM is **RUNNING**, with details: `x1 - 2GB - t-cloud-debian10`, IP `10.40.41.11`, user `huwilers`, and ID `70`. Below this are icons for console, storage, delete, power, and refresh. The main area contains six performance graphs: CPU, Memory, Net RX, Net TX, Net Download Speed, and Net Upload Speed, each with a 1-minute time range. A navigation bar below the graphs includes **Capacity**, **Storage** (selected), Network, Snapshots, and Actions. Below the navigation bar is a table with columns: CPU, VCPU, Memory, Cost / CPU, and Cost / MByte. The table shows 1 CPU, 1 VCPU, 2GB Memory, 0 Cost / CPU, and 2.83203e-06 Cost / MByte, with a **Resize** button. At the bottom, two graphs show **Real CPU** and **Real memory** usage, with a legend for **Allocated** (blue) and **Real** (grey).

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

