

On the Dashboard page click on the + button

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

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

Virtual Machine Name:

Persistent ? Create

Template

Search Template:  ALL Labels

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

Enter a name for the vm

Create Virtual Machine 0.01 COST / HOUR

vmDemo   Persistent ? Create

Template

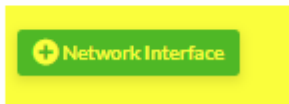
Debian 10 Image

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

The screenshot shows two configuration panels. The 'Capacity' panel on the left has a cost of 0.01 COST/HOUR and includes sliders for Memory (set to 2 GB) and VCPU (set to 1). The 'Disks' panel on the right has a cost of 0.000457 COST/HOUR and shows a single disk 'DISK 0: t-cloud-centOS8-one' with a size of 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.

The screenshot shows a network selection interface. At the top, it says 'Please select a network from the list' with a refresh icon and a search box. Below is a table with columns 'ID', 'Name', and 'Group'. One entry is highlighted in yellow: ID 4, Name 'Cloud Private IP (10.40.41.0)', and Group 'oneadmin'. Below the table, it says 'Showing 1 to 1 of 1 entries' and has 'Previous', '1', and 'Next' navigation options. At the bottom left, there is a '+ Network Interface' button.

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

Previous 1 Next

Go back to the top and click on create

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

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

The screenshot shows a cloud management interface for a virtual machine. On the left, a summary card indicates 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. To the right are six performance graphs: CPU, Memory, Net RX, Net TX, Net Download Speed, and Net Upload Speed, each showing data from 00:59 to 01:00. 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 contains one row: CPU: 1, VCPU: 1, Memory: 2GB, Cost / CPU: 0, Cost / MByte: 2.83203e-06, with a **Resize** button. Below the table are two graphs: **Real CPU** and **Real memory**, both showing allocated and real usage over time.

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=1590491267>

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

