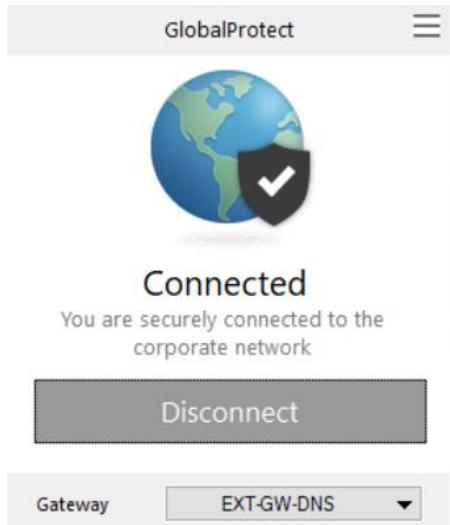
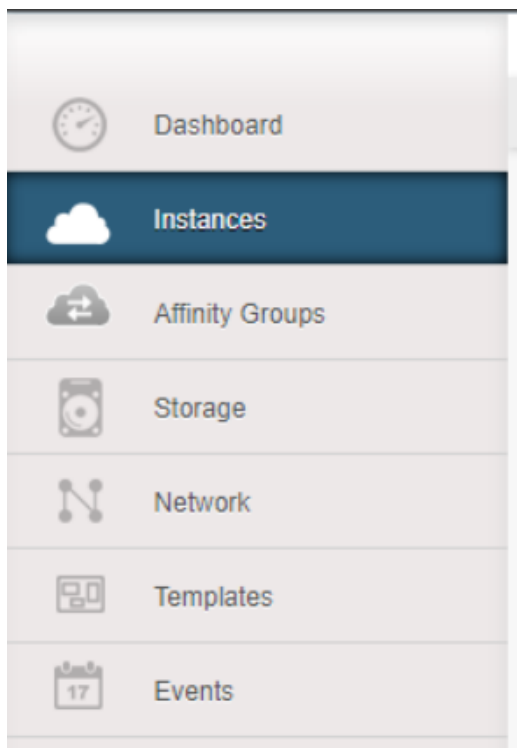


How to create New Instance from ISO and create a template. Ubuntu 18.04

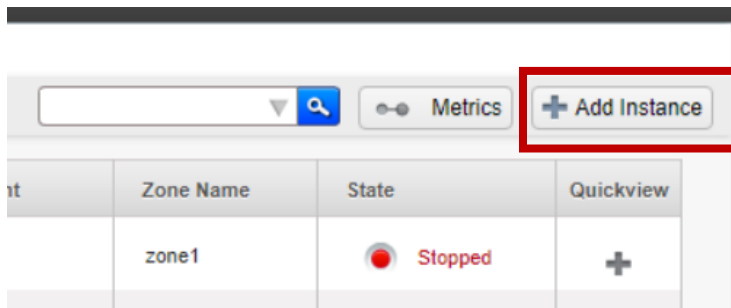
Step 1: Log in to the CloudStack UI as an administrator or user.



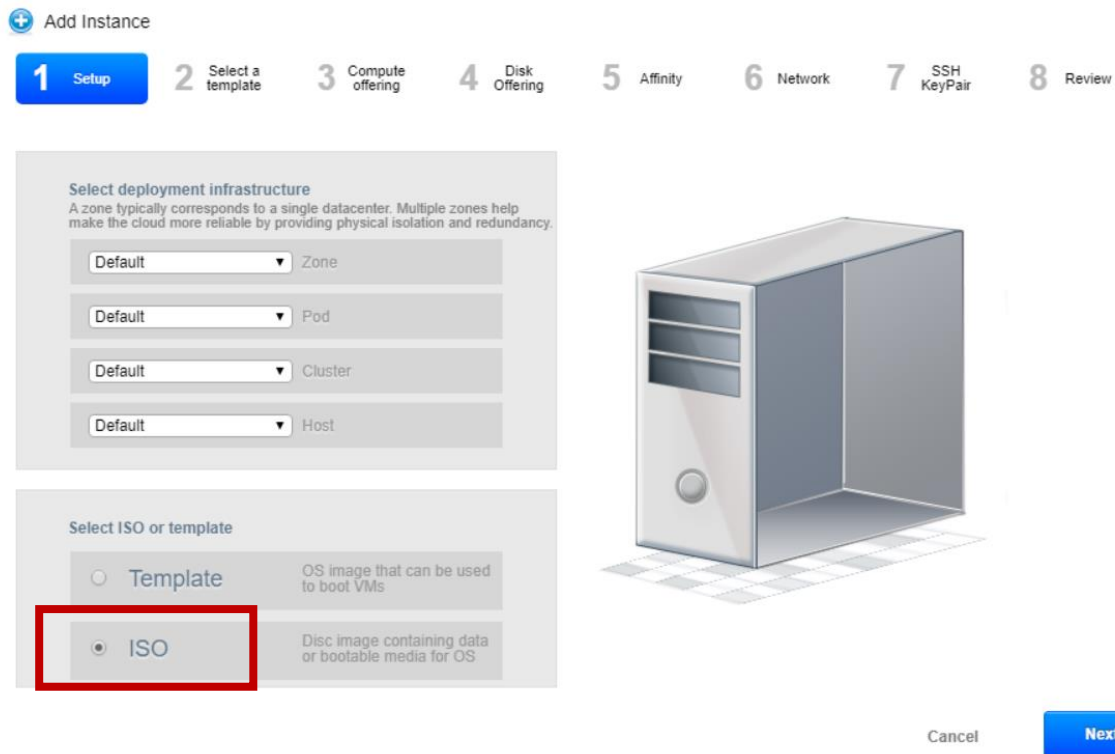
Step 2: In the left navigation bar, click Instances.



Step 3: Click Add Instance.



Step 4: Select a zone.



Step 5: Select ISO Boot, and follow the steps in the wizard.

There are a few options to choose from depending on what VM operating system is offered. In this document it's used to create Ubuntu 18.04 ISO to work with.


+ Add Instance

1 Setup 2 Select a template 3 Compute offering 4 Disk Offering 5 Affinity 6 Network 7 SSH KeyPair 8 Review

Please select an ISO for your new virtual instance.

Featured Community My ISOs Shared

- ☐ CentOS 8.0 - 1
Working CentOS 8.0 ISO
- ☐ Windows 10 32-bit
32 Bit Windows
- ☒ Ubuntu 18.04
Ubuntu 18.04
Hypervisor: KVM



Previous Cancel Next


Next, choose specifications such as number of CPU cores, amount of GHz and RAM. Choosing X-large option contains 4CPU cores.

+ Add Instance

1 Setup 2 Select a template 3 Compute offering 4 Disk Offering 5 Affinity 6 Network 7 SSH KeyPair 8 Review

1 CPU Core, 0.5 GHz, 0.5 GB RAM

- ☐ Small Instance
1 CPU Core, 1 GHz, 1GB RAM
- ☐ Medium-Small Offering
2 CPU Cores, 1 GHz, 2 GB RAM
- ☐ Medium Offering
4 CPU Cores, 2 GHz, 4GB RAM
- ☐ myCompute
Desc
- ☒ x-large
Extra large disk



Previous Cancel Next

Disk Offering: It is possible to choose disk option as 5, 20 or 100 GB. For the purpose of the project, 40GB hard drive was manually chosen.

+ Add Instance

1 Setup 2 Select a template 3 Compute offering 4 Disk Offering 5 Affinity 6 Network 7 SSH KeyPair 8 Review

☐ Small
Small Disk, 5 GB

☐ Medium
Medium Disk, 20 GB

☐ Large
Large Disk, 100 GB

☒ Custom: 40 GB
Custom Disk, 40 GB



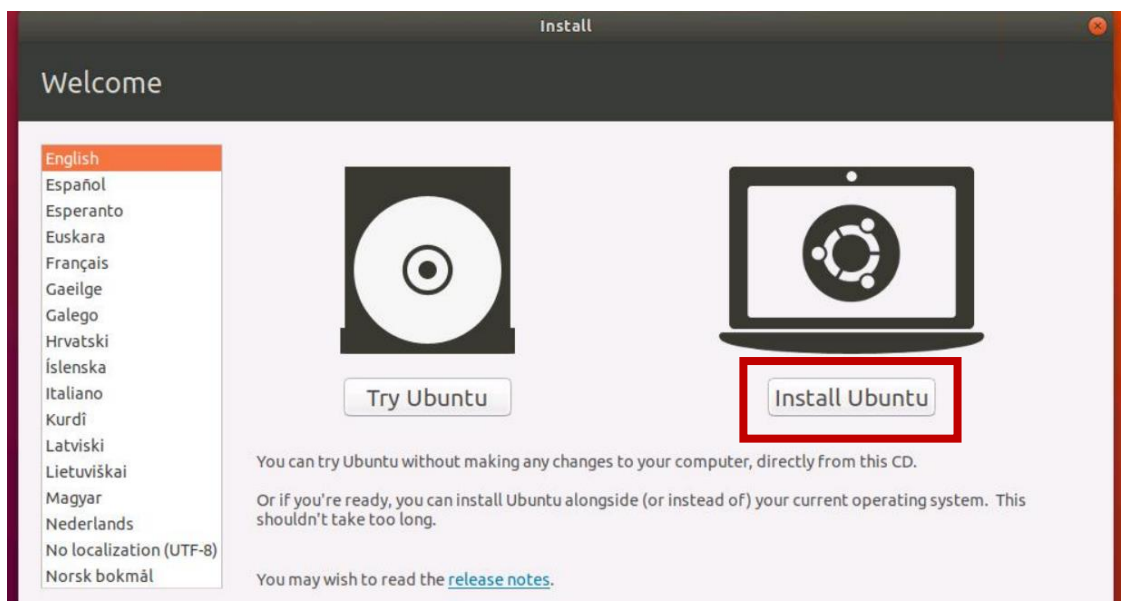
Disk Size 1 GB 1024 GB 40 GB

Previous Cancel Next

Click next for the rest of the steps and name your VM at the end.

Step 6: The installation of ISO starts:

In Quickview find View Console and click on it, it will open the VM.



Keyboard layout

Choose your keyboard layout:

English (Australian)	English (US)
English (Cameroon)	English (US) - Cherokee
English (Ghana)	English (US) - English (Colemak)
English (Nigeria)	English (US) - English (Dvorak)
English (South Africa)	English (US) - English (Dvorak, alt. intl.)
English (UK)	English (US) - English (Dvorak, intl., with dead keys)
English (US)	English (US) - English (Dvorak, left-handed)
Esperanto	English (US) - English (Dvorak, right-handed)
	English (US) - English (Macintosh)

Type here to test your keyboard

Detect Keyboard Layout

Quit Back Continue

Updates and other software

What apps would you like to install to start with?

☐ Normal installation
Web browser, utilities, office software, games, and media players.

☒ Minimal installation
Web browser and basic utilities.

Other options

☒ Download updates while installing Ubuntu
This saves time after installation.

☐ Install third-party software for graphics and Wi-Fi hardware and additional media formats
This software is subject to license terms included with its documentation. Some is proprietary.

Quit Back Continue

Install

Installation type

This computer currently has no detected operating systems. What would you like to do?

☒ Erase disk and install Ubuntu
Warning: This will delete all your programs, documents, photos, music, and any other files in all operating systems.

☐ Encrypt the new Ubuntu installation for security
You will choose a security key in the next step.

☒ Use LVM with the new Ubuntu installation
This will set up Logical Volume Management. It allows taking snapshots and easier partition resizing.

☐ Something else
You can create or resize partitions yourself, or choose multiple partitions for Ubuntu.

Quit Back Install Now

Choose something easy and simple for the name and password:

Install

Who are you?

Your name: ✓

Your computer's name: ✓
The name it uses when it talks to other computers.

Pick a username: ✓

Choose a password: Weak password

Confirm your password: ✓

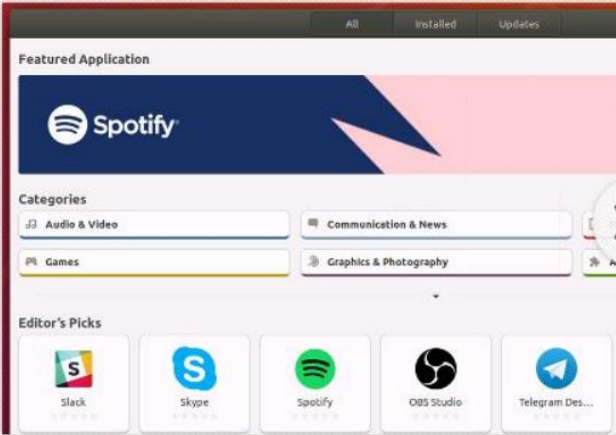
☒ Log in automatically
☐ Require my password to log in

Back Continue

Install


Find even more software

Say goodbye to searching the web for new software. With access to the Snap Store and the Ubuntu software archive, you can find and install new apps with ease. Just type in what you're looking for, or explore categories such as Graphics & Photography, Games and Productivity, alongside helpful reviews from other users.



Installing system Skip

Installation Complete



 Installation is complete. You need to restart the computer in order to use the new installation.

Restart Now

After restarting the VM, stop the instance in Quickview. Once the instance is stopped, proceed to the next steps to create the template.


Go into “View Volumes” and select the Volume having the type “ROOT”.

Home > Instances > Volumes >

Name	Type	VM display name	Hypervisor	Account	Zone	State	Quickview
ROOT-49	ROOT	testUbuntuDocs	KVM	admin	zone1	 Ready	

Click Create Template and provide the following:

Name and Description (choose something descriptive), OS Type (in my case it is Ubuntu 18.04 LTS), Public, Featured, Dynamically Scalable, then click OK.

 Create template

* Name:

* Description:

OS Type:

Public: ☒

Password Enabled: ☐

Featured: ☒

Dynamically Scalable: ☒



HVM: ☐

The new template will be visible in the Templates section when the template creation process has been completed. The template is then available when creating a new VM.

Details

Zones

Settings



Name

Ubuntu 18.04

Hypervisor

KVM

Size

40.00 GB

Direct Download

No

extractable

No

Password Enabled

No

Dynamically Scalable

Yes

Public

Yes

The Ubuntu 18.04 Virtual Machine from ISO and the Template were created. Now, start the instance and start using the VM by clicking view console.