Tutorial Slurm

#3 Openstack

Example with Genostack

Slurm - Openstack

- This tutorial requires that you have an account on GenOuest and a SSH Access.
- If not, follow the previous tutorial
  « Tutorial Slurm – #1 SSH Access »
- Also, we'll do some references to
  « Tutorial Slurm – #2 Data Cluster »

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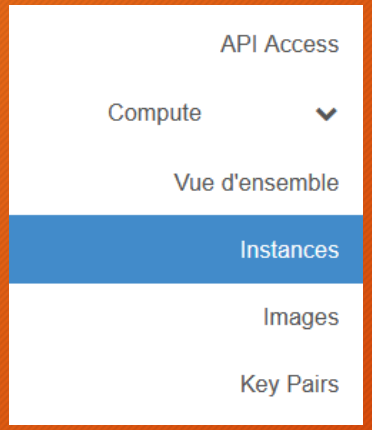
- Go on https://genostack.genouest.org/
  And connect with your Genouest login



- On the top left, in Compute
  Click on « Instances »

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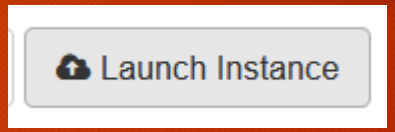
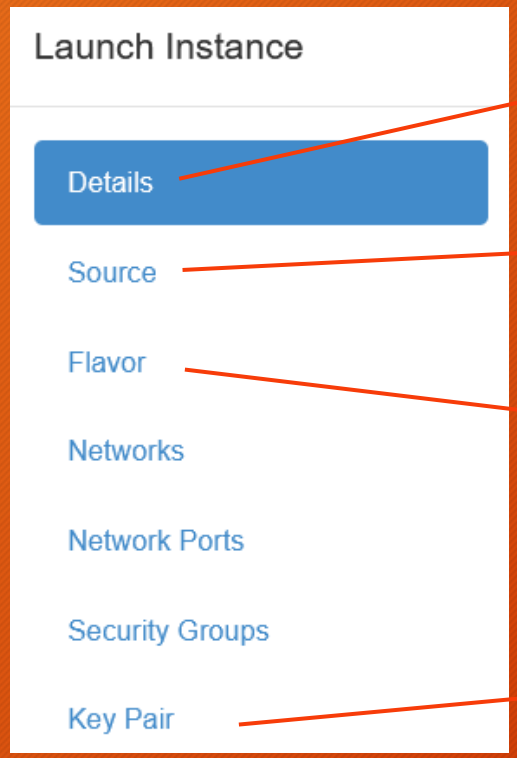
- Then, on the right, click « Launch Instance »





Here, give a name to your Instance

Choose your boot source, for example « Ubuntu »

Choose your compute

Import your public key

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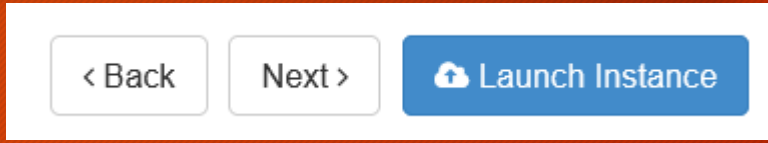
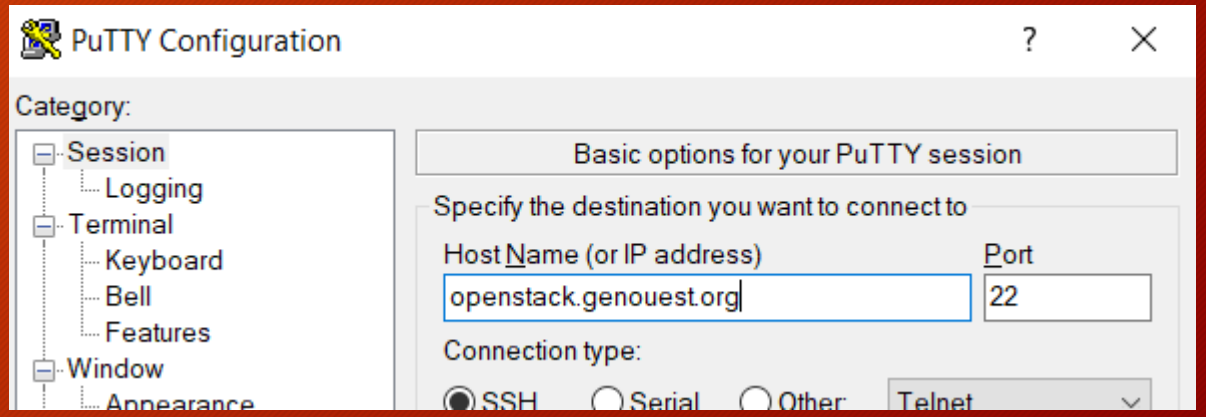
- Click on « Launch Instance » to create it



- Your instance should have an IP Address, copy it, you'll need it later

- Open Putty and this time, fill in with « openstack.genouest.org » (don't forget to add your key in pageant)



Slurm - Openstack

- Login with your Genouest login, then type

```
ssh user_name@openstack.genouest.org
```

- If I want to access the data I put on CeSGO (see Tutorial #2)

```
scp accelero.data.reduced.csv root@192.168.101.....:/home/user_name
```

- « scp » is a bash command to securely transfer files
- « accelero.data.reduced.csv » is the name of my file
- « 192.168.101…… » should be the IP Adress you copied earlier
- « :/home/user_name » is the path where I want to upload the file in the VM