**Server access credentials:**

In CMU SV local network, enter ***10.0.20.250*** in your browser, and log on to the Openstack Dashboard with the following credentials

User: ***admin***

Password: ***pass***

The following user has no admin rights, and is provided as an example:

User: ***demo***

Password: ***pass***

**Server SSH credentials:**

IP: ***10.0.20.250***

User: ***stack***

Password: ***pass***

**Common Openstack operations:**

Most Openstack operations can be done by using the dashboard interface, which is very intuitive to use. The only thing to take note is that you have to do certain things in a particular order. For example:

* Before launching an instance you need to have an image of the instance.
* To create a cluster, you’ll need to set up
  1. The cluster image to be used (created with Sahara’s image creation tool)
  2. The node template
  3. The node group template
  4. The cluster

Other steps can be found on the Openstack wiki.