

# LAB1 – OpenStack installation

Content of vagrantfile:

```

1  # -*- mode: ruby -*-
2  # vi: set ft=ruby :
3  #Variables definition :
4  #Box
5  VAGRANT_Box = "ubuntu/bionic64"
6  #VM Name
7  VM_Name = "devstack"
8  #IP Address for private network
9  Private_IP = "10.10.10.4"
10 #HTTP PORT
11 HTTP_Port = 8080
12 #SSH PORT
13 SSH_Port = 2222
14 #VM Provider
15 Provider = "virtualbox"
16 #Memory size
17 Memory = 12288 # 12 Go
18 #CPU
19 vCPU = 4
20
21 Vagrant.configure("2") do |config|
22   # Vagrant box from Hashicorp
23   config.vm.box = VAGRANT_Box
24
25   # Machine hostname
26   config.vm.hostname = VM_Name
27
28   # Create a private network, which allows host-only access to the machine
29   config.vm.network "private_network", ip: Private_IP
30
31   # Create a forwarded port mapping which allows access to a specific port
32   config.vm.network "forwarded_port", guest: 80, host: HTTP_Port
33   config.vm.network "forwarded_port", guest: 22, host: SSH_Port
34
35   # Configuration of the VirtualBox provider
36   #
37   config.vm.provider "virtualbox" do |vb|
38     vb.name = VM_Name
39     # Customize the amount of memory and CPU on the VM:
40     vb.memory = Memory
41     vb.cpus = vCPU
42   end
43   #
44 end

```

Content of local.conf file:

```

1  [[local|localrc]]
2  ADMIN_PASSWORD=stackGP5
3  DATABASE_PASSWORD=$ADMIN_PASSWORD
4  RABBIT_PASSWORD=$ADMIN_PASSWORD
5  SERVICE_PASSWORD=$ADMIN_PASSWORD
6  HOST_IP=10.10.10.4

```