Exercise 1.- Automated Provisioning:

Puppet Commands:

Firstly we have to create puppet module and apply

sudo puppet module install garethr-docker

sudo puppet apply site.pp

Secondly, we have to create the file pp as I show you below **/etc/puppet/manifests/docker\_example.pp**

include 'docker'

docker::image { 'ubuntu':

image\_tag => 'trusty',

}

docker::run { 'helloworld':

image => 'ubuntu',

command => '/bin/sh -c "while true; do echo hello world; sleep 1; done"',

}

docker::registry { 'example.github.io:5000':

# Extraido de: https://forge.puppet.com/modules/puppetlabs/docker

username => 'user\_upload',

password => 'secret',

}

# Call to bash script connectivity\_check.sh

class scriptexec {

file {

'bash\_connectivity\_check':

ensure => 'file',

source => 'puppet:///modules/ubuntu/connectivity\_check.sh',

path => '/usr/connectivity\_check.sh',

owner => 'root',

group => 'root',

mode => '0744', # Use 0700 if it is sensitive

notify => Exec[‘run\_connectivity\_check’],

}

exec {

'run\_connectivity\_check’:

command => '/usr/connectivity\_check.sh'',

refreshonly => true,

}

}

define docker::push

Lastly, We apply our pp script as I show you with the command below:

Puppet command

sudo puppet apply docker\_example.pp