Lesson 8 Demo 5: Testing Hiera

This section will guide you to:

- Test Hiera using Puppet agent server

This lab has two subsections, namely:

1. Adding Hiera data in Puppet agent manifest file
2. Verifying the returned Hiera data in Puppet master from Puppet agent

Step 1: Adding Hiera data in Puppet agent manifest file

- Set up the puppet agent as shown in earlier demos
- Open the command line on Puppet agent
- Navigate to the manifests directory using the following command:

```
cd /etc/puppetlabs/code/environments/production/manifests
```

- Use the following command to navigate to the directory containing hiera.yaml:

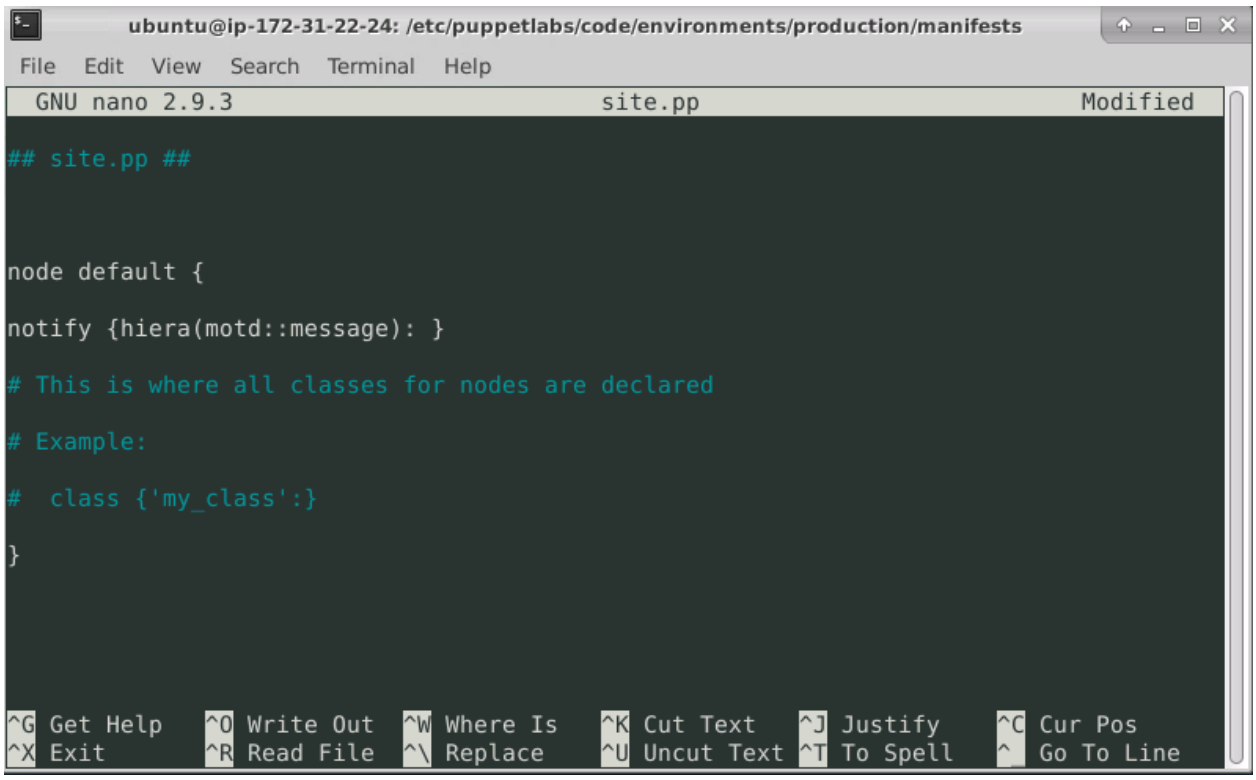
```
sudo nano site.pp
```

file

- Paste the following code snippet in the site.pp file:

```
## site.pp ##

node default {
notify {hiera(motd::message): }
# This is where all classes for nodes are declared
# Example:
#  class {'my_class':}
}
```

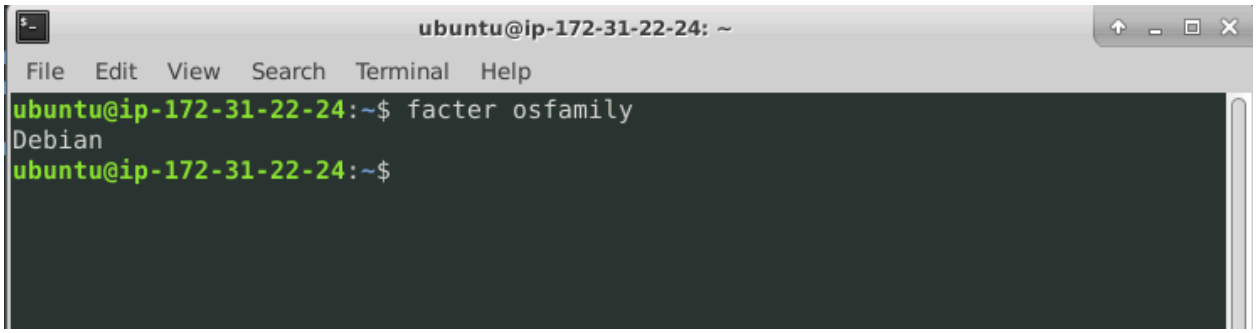


- Save and exit the file

Step 2: Verifying the returned Hiera data in Puppet master from Puppet agent

- Open command line on the Puppet master server
- Use the following command to get the OS family details of the puppet master:

```
facter osfamily
```



- Use the following command to pick up the Hiera data added in the Puppet agent in the previous step:

```
sudo puppet agent -t
```