Module 4: Hands-On: Using Loops in Manifest

"onlyif"

Steps for Puppet Master:

Step 1: Change the directory to
/etc/puppet/code/environments/production/manifests

```
$ cd /etc/puppet/code/environments/production/manifests

$ sudo nano site.pp
```

```
ubuntu@ip-172-31-45-144: /etc/puppet/code/environments/production/manifests
  GNU nano 2.9.3                                    site.pp
```

Step 2: Enter the following text:

```
node default{

$packages=> ['apache2','mysql-server']

package{$packages:

  ensure=> installed,

}

}
```

```
ubuntu@ip-172-31-45-144: /etc/puppet/code/environments/production,
  GNU nano 2.9.3

node default{

$packages=['apache2','mysql-server']

  package{$packages:
  ensure=> installed,
  }
}
```
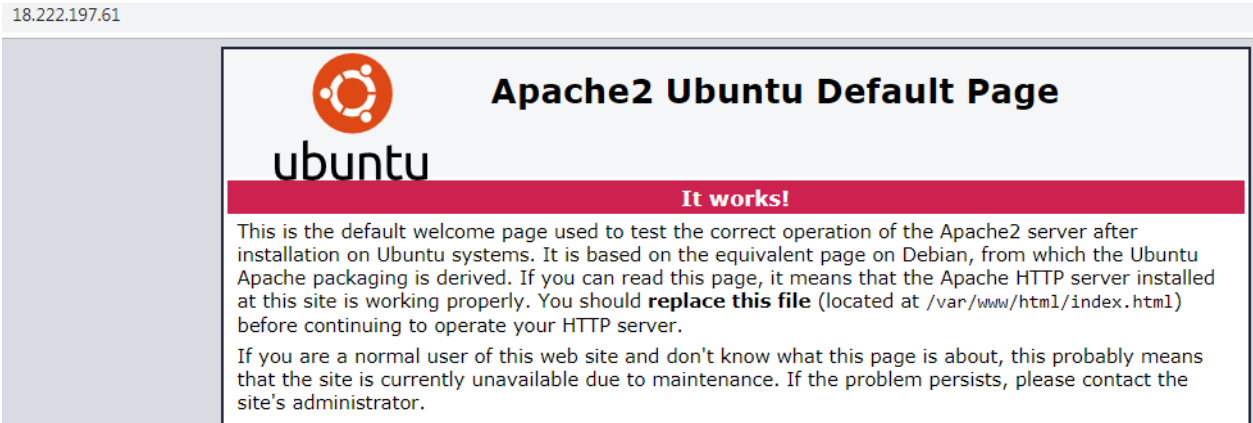
On Puppet Agent:

Step 1: Execute the following command:

```
$ sudo puppet agent --test
```

```
ubuntu@ip-172-31-41-253: ~
ubuntu@ip-172-31-41-253:~$ sudo puppet agent --test
Info: Using configured environment 'production'
Info: Retrieving pluginfacts
Info: Retrieving plugin
Info: Retrieving locales
Info: Caching catalog for ip-172-31-41-253.us-east-2.compute.internal
Info: Applying configuration version '1549512065'
Notice: /Stage[main]/Main/Node[default]/Exec[Conditions]/returns: executed succe
ssfully
Notice: Applied catalog in 0.03 seconds
ubuntu@ip-172-31-41-253:~$
```

Step 2: Verify the installation by going to the browser with Agent's IP address and MySQL service status