



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
```



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,
  }
}
```

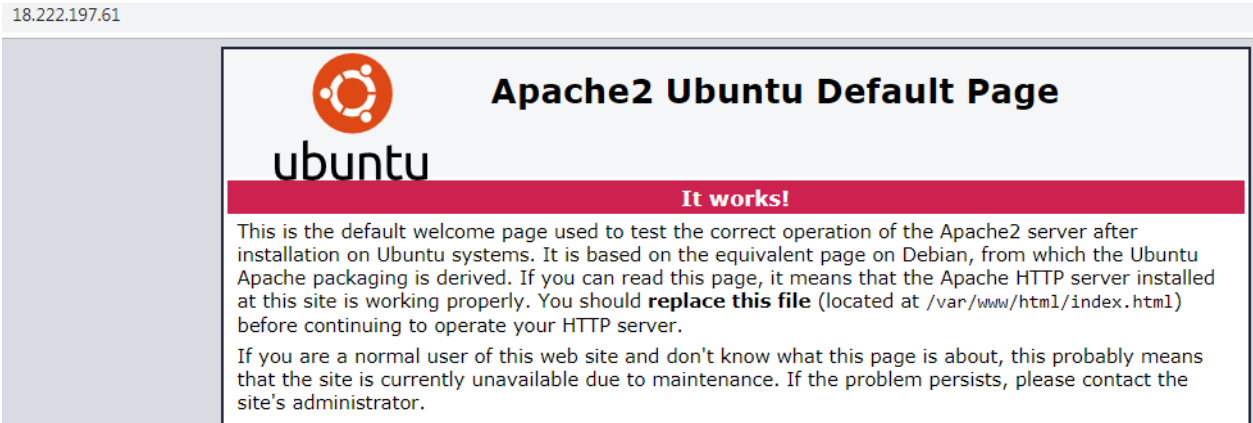
On Puppet Agent:

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 successfully
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



```
ubuntu@ip-172-31-41-253: ~
ubuntu@ip-172-31-41-253:~$ service mysql status
• mysql.service - MySQL Community Server
  Loaded: loaded (/lib/systemd/system/mysql.service; enabled; vendor preset: en
  Active: active (running) since Thu 2019-02-07 03:48:41 UTC; 40min ago
  Main PID: 18678 (mysqld)
  Tasks: 27 (limit: 1152)
  CGroup: /system.slice/mysql.service
          └─18678 /usr/sbin/mysqld --daemonize --pid-file=/run/mysqld/mysqld.pi

Feb 07 03:48:41 ip-172-31-41-253 systemd[1]: Starting MySQL Community Server...
Feb 07 03:48:41 ip-172-31-41-253 systemd[1]: Started MySQL Community Server.
lines 1-10/10 (END)
```