

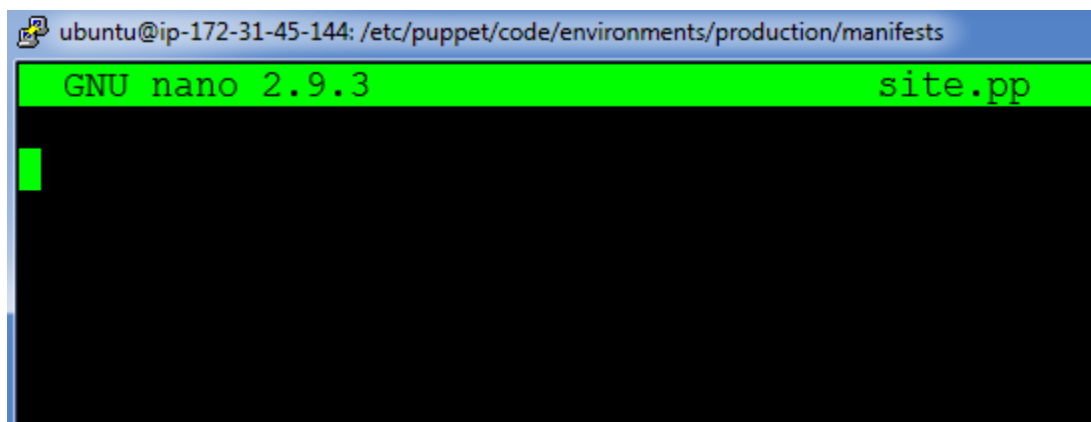
CREATING A MANIFEST

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
```

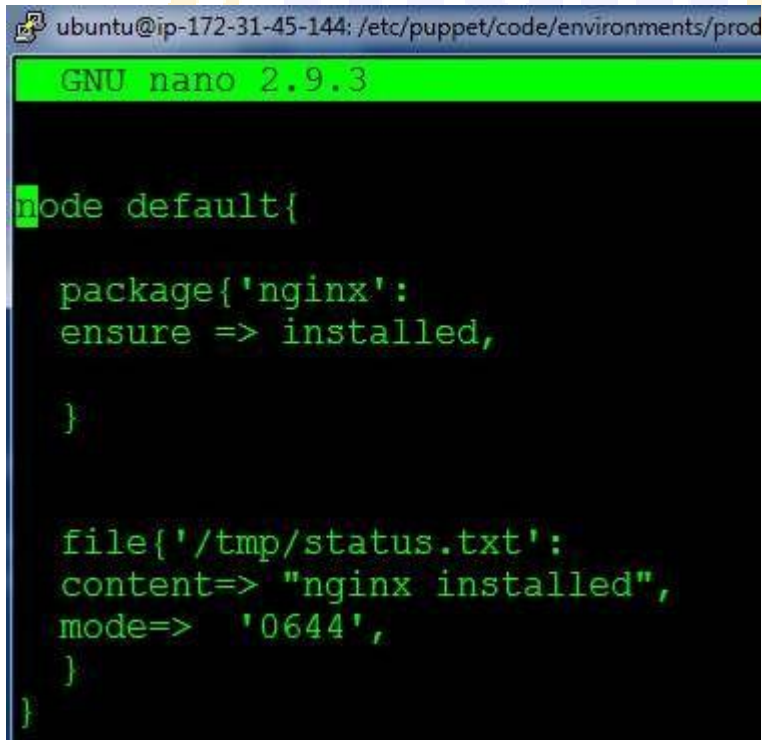
A screenshot of a terminal window. The title bar shows "ubuntu@ip-172-31-45-144: /etc/puppet/code/environments/production/manifests". The terminal content shows the "GNU nano 2.9.3" header with "site.pp" on the right. The main area is black with a red cursor at the top left. A yellow crosshair is visible on the right side of the terminal window.

```
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{  
  package{'nginx':  
    ensure => installed,  
  }  
  file{'/tmp/status.txt':  
    content=> "nginx installed",  
    mode=> '0644',  
  }  
}
```

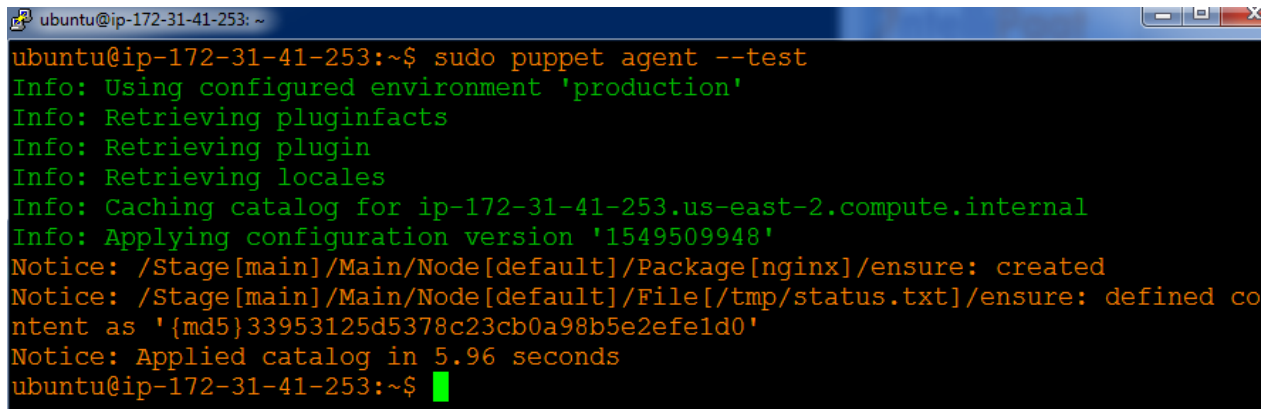


```
ubuntu@ip-172-31-45-144: /etc/puppet/code/environments/production/modules/nginx/manifests  
GNU nano 2.9.3  
node default{  
  package{'nginx':  
    ensure => installed,  
  }  
  file{'/tmp/status.txt':  
    content=> "nginx installed",  
    mode=> '0644',  
  }  
}
```

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 '1549509948'  
Notice: /Stage[main]/Main/Node[default]/Package[nginx]/ensure: created  
Notice: /Stage[main]/Main/Node[default]/File[/tmp/status.txt]/ensure: defined content as '{md5}33953125d5378c23cb0a98b5e2efe1d0'  
Notice: Applied catalog in 5.96 seconds  
ubuntu@ip-172-31-41-253:~$
```

Step 2: Verify the installation and file by going to the browser, with agent's ip address. Also check /tmp/status.txt

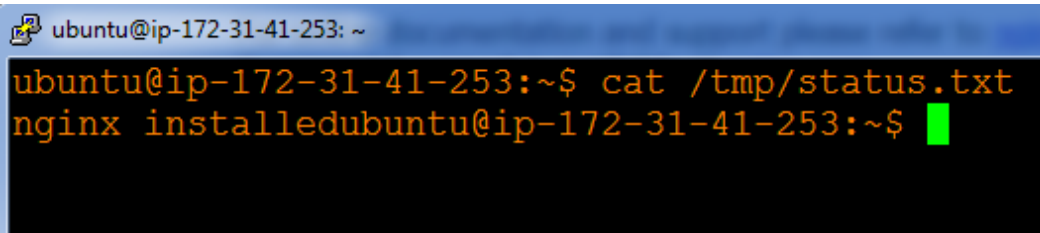
18.222.197.61

Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to nginx.org.
Commercial support is available at nginx.com.

Thank you for using nginx.



```
ubuntu@ip-172-31-41-253: ~  
ubuntu@ip-172-31-41-253:~$ cat /tmp/status.txt  
nginx installedubuntu@ip-172-31-41-253:~$
```