

Setup puppet server

```
#yum install -y http://yum.puppetlabs.com/puppetlabs-release-el-6.noarch.rpm
#yum install -y puppet-server

#mkdir -p /etc/puppet/environments/production/{modules,manifests}
#cd /etc/puppet/environments/production
#echo "modulepath = /etc/puppet/environments/production/modules" >
/etc/puppet/environments/production/environment.conf
# echo "environment_timeout = 5s" >> /etc/puppet/environments/production/environment.conf
```

Open puppet.conf

```
[main]
+ certname = puppetmaster

+[master]
+ environmentpath = $confdir/environments
+ basemodulepath = $confdir/modules:/opt/puppet/share/modules
```

Stop Firewall

```
# /etc/init.d/iptables stop
```

Start puppet server

```
# service puppetmaster start
```

Setup puppet agent for wiki(centos) and wikipitest(ubuntu)

Login to wiki to install puppet

```
#yum install -y http://yum.puppetlabs.com/puppetlabs-release-el-6.noarch.rpm
#yum install -y puppet
```

Update puppetmaster info in puppet.conf

```
# vi /etc/puppet/puppet.conf
```

```
[main]
+ server = puppetmaster
```

Run puppet command to request cert

```
# puppet agent --verbose --no-daemonize --onetime
```

Login to wikipitest to install puppet

```
# wget https://apt.puppetlabs.com/puppetlabs-release-trusty.deb
# sudo dpkg -i puppetlabs-release-trusty.deb
# sudo apt-get update
# sudo apt-get install puppet
```

```
# vi /etc/puppet/puppet.conf
```

```
+ [agent]
+ server = puppetmaster
```

```
# puppet agent --enable
# puppet agent --verbose --no-daemonize --onetime
```

Login to puppet server to sign node certs

```
# puppet cert --list
# puppet cert sign wiki
# puppet cert sign wikipitest
```

Testing node definitions.

Login to puppetserver

```
# vi /etc/puppet/environments/production/manifests/nodes.pp
```

```
node 'wiki' {
  file { ['/info.txt']:
    ensure => 'present',
    content => inline_template("This file was created by puppet at <%= Time.now %>\n"),
  }
}
```

```
node 'wikipitest' {
  file { ['/info.txt']:
    ensure => 'present',
    content => inline_template("This file was created by puppet at <%= Time.now %>\n"),
  }
}
```

Login to both puppet agent, wiki & wikipitest

```
# puppet agent --verbose --no-daemonize --onetime
# cat /info.txt
```

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