Make sure DNS resolution is in place.This is needed in case no central DNS server is available:

cat /etc/hosts

[192.168](https://docs.corp.hentsu.com/display/ENG/192.168).[1.97](https://docs.corp.hentsu.com/display/ENG/1.97) puppetmaster

[192.168](https://docs.corp.hentsu.com/display/ENG/192.168).[1.97](https://docs.corp.hentsu.com/display/ENG/1.97) [puppetserver.example.com](https://docs.corp.hentsu.com/display/ENG/puppetserver.example.com)

Add puppet repository:

rpm -Uvh https://yum[.puppetlabs.com](https://docs.corp.hentsu.com/display/ENG/.puppetlabs.com)/puppet5/puppet5-release-el-7[.noarch.rpm](https://docs.corp.hentsu.com/display/ENG/.noarch.rpm)

Install Puppet:

sudo yum -y install puppetserver

#check version:

/opt/puppetlabs/bin/puppet --version

#Add Puppet path to Environmental variable:

export PATH=/opt/puppetlabs/bin:$PATH

source ~/.bash\_profile

Alocate memory:

In this example 1GB of RAM is allocated to puppet:  
Edit /etc/sysconfig/puppetserver  
#Now change the line as below (Replace 1 with number of GBs)  
JAVA\_ARGS="-Xms1g -Xmx1g ...."  
#Save and exit.

Edit **/etc/puppetlabs/puppet/puppet.conf (make sure to put here puppet server name resolvable from DNS and from nodes)**

[master]

dns\_alt\_names=[puppetserver.example.com,puppetmaster,puppet](https://docs.corp.hentsu.com/display/ENG/puppetserver.example.com,puppetmaster,puppet)

[main]

certname = [puppetserver.example.com](https://docs.corp.hentsu.com/display/ENG/puppetserver.example.com)

server = [puppetserver.example.com](https://docs.corp.hentsu.com/display/ENG/puppetserver.example.com)

environment = production

runinterval = 5s

Enable/start puppet service

systemctl start puppetserver

systemctl enable puppetserver

Open port 8140 if firewalld is running

firewall-cmd --add-port=8140/tcp --permanent

firewall-cmd --reload

Add path to puppet command to VISUDO

sudo visudo

Defaults    secure\_path = /sbin:/bin:/usr/sbin:/usr/bin:/opt/puppetlabs/bin

**Disable agent (one time run)**

If we want “one time” run (execute some manifest and stop contacting Puppet master, we can configure agent to stop-at the end of manifest file)

service { 'puppet':

  ensure => 'stopped',

  enable => 'false',

}