



# puppet

DevOps by Mr.SATISH @ SathyaTech  
sathya.sathish@gmail.com

# Puppet Configuration

## Step-1 : Get Node IPs and Host Name

```
# hostname -i
```

```
# hostname -f
```

```
# vi /etc/hosts
```

```
192.168.33.81 pupmaster. satish.com
```

```
192.168.33.82 pupnode1. satish.com
```

```
192.168.33.83 pupnode2. satish.com
```

# Puppet Configuration

## Step-2 : Install Puppet Master

```
# wget https://apt.puppetlabs.com/puppetlabs-release-trusty.deb
```

```
# sudo dpkg -i puppetlabs-release-trusty.deb
```

```
# sudo apt-get update
```

```
# apt-get install puppetmaster
```

```
# puppet -V
```

# Puppet Configuration

**Step-3 : change the configuration file**

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

```
[main]
```

```
#templatedir=$confdir/templates
```

```
[master]
```

```
cert=puppet
```

```
dns_alt_names=puppet,pupmaster.sathish.com
```

**Step-4 : change the file server**

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

```
Uncomment [extra_files]
```

```
    path /etc/puppet/files
```

```
    allow *
```

# Puppet Configuration

## Step-5 : change the ssl

```
# mv /var/lib/puppet/ssl /var/lib/puppet/ssl_bkp  
# service puppetmaster restart
```

## Step-6 : unInstall Puppet Agent on Node

(Node : puppet agent will already install in Ubuntu machines)

To remove older version of puppet agent

```
# apt-get remove puppet -y  
# apt-get purge puppet -y  
# apt-get autoremove -y
```

# Puppet Configuration

## Step-7 : Get Node IPs and Host Name

```
# hostname -i
```

```
# hostname -f
```

```
# vi /etc/hosts
```

```
192.168.33.81 pupmaster. satish.com
```

```
192.168.33.82 pupnode1. satish.com
```

# Puppet Configuration

## Step-8 : Install Puppet Agent on Node

```
# wget
```

```
https://apt.puppetlabs.com/puppetlabs-release-trusty.deb
```

```
# sudo dpkg -i puppetlabs-release-trusty.deb
```

```
# sudo apt-get update
```

```
# apt-get install puppet
```

```
# puppet -V
```

# Puppet Configuration

**Step-9 : change the configuration file in puppet node**

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

```
[main]
```

```
#templatedir=$confdir/templates
```

```
[agent]
```

```
server=pupmaster.satish.com
```

**Step-10 : Tag Puppet node to Puppet Master**

```
#ping pupmaster
```

```
#vi /etc/default/puppet → start=yes
```

```
#puppet agent -t
```

# Puppet Configuration

**Step-11 : to Certify Puppet node in Puppet Master**

```
master# ping pupnode1.satish.com
```

```
master# puppet cert list –all
```

```
master# puppet cert list
```

```
master# puppet cert sign pupnode1.satish.com
```

```
master# puppet cert clean pupnode1.satish.com
```

# Puppet node (CentOS) Configuration

## Step-12 : Create a New CentOS Server

```
#sudo su -
```

## Step-13 : Get Node IPs and Host Name

```
# hostname -i
```

```
# hostname -f
```

```
# vi /etc/hosts
```

```
192.168.33.81 pupmaster. satish.com
```

```
192.168.33.83 pupnode2. satish.com
```

# Puppet node (CentOS) Configuration

## Step-14 : Install puppet package

visit <http://yum.puppetlabs.com>

```
#rpm -ivh
```

```
http://yum.puppetlabs.com/puppetlabs-  
release-el-7.noarch.rpm
```

## Step-15 : Install puppet

```
#yum install puppet-server (for Master)
```

```
#yum install puppet (for Agent)
```

# Puppet node (CentOS) Configuration

**Step-16 : to Certify Puppet node in Puppet Master**

```
node2# ping pupmaster.satish.com
```

```
master# ping pupnode2.satish.com
```

```
master# puppet cert list –all
```

```
master# puppet cert list
```

```
master# puppet cert sign pupnode2.satish.com
```