**INSTALANDO PUPPET SERVER NO CENTOS 7**

Adicione ao repositório:

[puppetlabs]

name=Puppet Labs Packages

baseurl=http://yum.puppetlabs.com/el/7/products/x86\_64/

enabled=1

gpgcheck=0

[puppetlabs2]

name=Puppet Labs Packages Deps

baseurl=http://yum.puppetlabs.com/el/7/dependencies/x86\_64/

enabled=1

gpgcheck=0

**#Instalando o pacote do puppetserver**

[root@puppet-server ~]# yum install puppetserver

**#configurando o limite de uso de jvm**

[root@puppet-server ~]# vim /etc/sysconfig/puppetserver

**JAVA\_ARGS="-Xms2g -Xmx2g -XX:MaxPermSize=256m"**

**#Criando regras no iptables**

[root@puppet-server ~]# iptables -A INPUT -m tcp -p tcp --dport 8140 -j ACCEPT

[root@puppet-server ~]# iptables -A OUTPUT -m tcp -p tcp --dport 8139 -j ACCEPT

**#Salvando as regras e reiniciando o iptables**

[root@puppet-server ~]# iptables-save > /etc/sysconfig/iptables

[root@puppet-server ~]# iptables-restore < /etc/sysconfig/iptables

[root@puppet-server ~]# /sbin/service iptables restart

**INSTALANDO PUPPET CLIENT NO CENTOS 7**

**#Instalando o pacote do client**

[root@puppet-server ~]# yum install puppet

**#Habilite o serviço para iniciar automaticamente**

[root@puppet-server ~]# systemctl enable puppet

**#Adicionando o endereço do servidor puppet no /etc/hosts**

[root@puppet-client ~]# echo “192.168.0.108 puppet-server puppet” >> /etc/hosts

**#Vendo a configuração do server no puppet**

[root@puppet-client ~]# puppet config print | grep server

*server\_datadir = /var/lib/puppet/server\_data*

*fileserverconfig = /etc/puppet/fileserver.conf*

***server = puppet***

**OBS: AGORA PRECISAMOS AUTORIZAR NO SERVER.**

**NO PUPPET SERVER**

**#Listando as requisições para o servidor**

[root@centos7-lab ~]# puppet cert list

"puppet-client" (SHA256) CA:21:A1:A5:8C:5F:3C:90:87:BD:4A:42:0E:05:9C:1F:34:C0:18:D3:C7:C2:35:10:EE:4B:19:53:7B:29:EF:49

**#Aceitando certificado do client**

[root@centos7-lab ~]# puppet cert sign puppet-client

Notice: Signed certificate request for puppet-client

Notice: Removing file Puppet::SSL::CertificateRequest puppet-client at '/var/lib/puppet/ssl/ca/requests/puppet-client.pem'

**#Entrar no diretório /etc/puppet e criar os diretórios environment, production, modules e #manifes**

[root@centos7-lab puppet]# mkdir -p environments/production/manifests/modules

**#Editar o arquivo de configuração do puppet adicionando o [master]**

[root@centos7-lab modules]# vim /etc/puppet/puppet.conf

[master]

ssldir = /var/lib/puppet/ssl

certname = puppet.hacklab

strict\_variables = false

environmentpath = /etc/puppet/environments

basemodulepath = /etc/puppet/environments/common:/etc/puppet/modules:/usr/share/puppet/modules

**#Salve o arquivo e reinicie o puppetserver**

[root@centos7-lab modules]# systemctl restart puppetserver

**NO PUPPET AGENT**

**#Adicione environment no arquivo de configuração do puppet na tag [agent]**

[root@puppet-client ~]# vim /etc/puppet/puppet.conf

environment = production

**#Reinicie o puppet**

[root@puppet-client ~]# service puppet restart

**#Testando**

[root@puppet-client ~]# puppet agent --test

Info: Retrieving pluginfacts

Info: Retrieving plugin

Info: Caching catalog for puppet-client

Info: Applying configuration version '1482608459'

Notice: Finished catalog run in 0.03 seconds

**NO PUPPET SERVER**

**#Criando uma receita para o node client-puppet**

[root@centos7-lab production]# vim /etc/puppet/environments/production/manifests/site.pp

node "puppet-client" {

package {'htop': ensure => present, }

}

**NO PUPPET AGENT**

**#Execute no puppet client**

[root@puppet-client ~]# puppet agent -t

Info: Retrieving pluginfacts

Info: Retrieving plugin

Info: Caching catalog for puppet-client

Info: Applying configuration version '1482610656'

Notice: /Stage[main]/Main/Node[puppet-client]/Package[htop]/ensure: created

Notice: Finished catalog run in 13.92 seconds