PUPPET

1. Create two ec2 instance with name PuppetServer and PuppetAgent and login into putty with respect to IP address.
2. In PuppetServer putty

* Sudo -i
* Yum search puppet – it gives all the packages
* Yum install -y puppet-server

1. Start the puppetServer. To start the puppetServer we need to know the SERVICE \_NAME.

So goto /etc/init.d to know the service\_name

* Ls
* Puppetmaster is your service\_name
* Pwd
* Service puppetmaster status = you will see in stopped state
* Service puppetmaster start

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NOTE: If you get error like (Starting

puppetmaster: /usr/lib/ruby/site\_ruby/1.8/puppet/ssl/certificate\_request.rb:73:in) Goto /usr/lib/ruby/site\_ruby/1.8/puppet/ssl/certificate\_request.rb and change certification in line 73

change csr.sign(key, OpenSSL::Digest::SHA256.new)

* Service puppetmaster start

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* Service puppetmaster status = you will find running
* ps -ef | grep puppet = you can see puppet running
* netstat -tulpn | grep ruby = you can see

tcp 0 0.0.0.0:8140 0.0.0.0

PuppetAgent can communicate to PuppetMaster at port 8140. Make sure you open in Security Group

1. In puppetAgent putty we need to install PuppetAgent

* Yum install -y puppet

1. In PupptAgent itself change the same SHA256 in

* vim /usr/lib/ruby/site\_ruby/1.8/puppet/ssl/certificate\_request.rb

1. Cd /etc/puppet is main directory

* Ls you can see two files - auth.conf puppet.conf

1. In vim /etc/hosts file at end of line

* Ip-address \_of\_PuppetServer puppet DNS-IP\_ADDRESS

1. In PuppetServer putty

* Puppet cert list
* Ls = you can see no certificates are waiting

In puppetAgent

* Puppet agent - - test - - waitforcert 30

You can see it generates a certificate

1. Now in PuppetServer

* Pupper cert list = you can see some certificates waiting to sign
* Puppet cert sign

1. In PuppetAgent got to cd etc/var/lib/puppet/

* Ls
* Remove ssl -> rm -rf ssl

1. Create a new ssl certificate

* Puppet agent - - test - - waitforcert 30
* In puppetServer -> puppet cert list -> you see a certificate waiting to get signed
* Puppet cert sign ‘Certificate name”
* In PuppetAgent check weather it gave some response or not. It takes some time

1. Puppet agent –test is used to fetch configuration from server once certificate Is signed

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NOTE: Look in the google regarding ENABLE PUPPET AUTOSIGNING

If you have 1000 servers, you cannot add or sign for each puppet agent. So how to work on that just have a glance

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