Class 9

For questions and answers please use this

<https://docs.google.com/document/d/19e6GLMeHB6N-Zaqsxu_cCvtzdmvuTs0z-uM5vu75d_o/edit?usp=sharing>

Audio Video check

Recap:-

Did set of puppet clients

Went through slides

Todays Agenda:

Dev environment:- Tomcat and java8

And for prod environment:- tomcat and java 7

Downloading modules from the puppet forge

Defining the site.pp

Run puppet agent across th dev and prod clients

Start all three machines

Backup machines which are in a running state

dev server

tomcat 8

java 8

prod

tomcat 7

java 7

root@puppet-server:/opt/puppetlabs# cd bin/

root@puppet-server:/opt/puppetlabs/bin# l

facter@ hiera@ mco@ puppet@ puppetserver@

root@puppet-server:/opt/puppetlabs/bin# ll

total 8

drwxr-xr-x 2 root root 4096 May 16 22:11 ./

drwxr-xr-x 8 root root 4096 May 16 22:11 ../

lrwxrwxrwx 1 root root 20 May 2 08:21 facter -> ../puppet/bin/facter\*

lrwxrwxrwx 1 root root 19 May 2 08:21 hiera -> ../puppet/bin/hiera\*

lrwxrwxrwx 1 root root 17 May 2 08:21 mco -> ../puppet/bin/mco\*

lrwxrwxrwx 1 root root 20 May 2 08:21 puppet -> ../puppet/bin/puppet\*

lrwxrwxrwx 1 root root 44 Dec 6 02:58 puppetserver -> ../server/apps/puppetserver/bin/puppetserver\*

root@puppet-server:/opt/puppetlabs/bin# ./puppet cert list --all

"dev-server.local" (SHA256) FD:EC:49:34:AD:68:91:8E:54:54:F2:57:BC:A0:17:6A:B1:1A:B1:A1:2F:5A:24:C5:7F:6A:D9:28:45:8C:0A:29

+ "puppet-server.local" (SHA256) FB:7A:42:37:4A:74:F6:AC:00:37:BB:D3:41:C1:6C:B4:C6:9F:31:75:CE:16:DF:CA:50:B4:CD:74:59:BB:35:F9 (alt names: "DNS:puppet", "DNS:puppet-server.local")

root@puppet-server:/opt/puppetlabs/bin# ./puppet cert sign dev-server.local

Signing Certificate Request for:

"dev-server.local" (SHA256) FD:EC:49:34:AD:68:91:8E:54:54:F2:57:BC:A0:17:6A:B1:1A:B1:A1:2F:5A:24:C5:7F:6A:D9:28:45:8C:0A:29

Notice: Signed certificate request for dev-server.local

Notice: Removing file Puppet::SSL::CertificateRequest dev-server.local at '/etc/puppetlabs/puppet/ssl/ca/requests/dev-server.local.pem'

root@puppet-server:/opt/puppetlabs/bin# ./puppet cert list --all

+ "dev-server.local" (SHA256) 22:56:3D:98:CF:AE:FA:AC:2D:04:D9:6A:43:68:59:B2:2B:ED:07:10:20:67:08:B1:64:41:42:E3:D9:D9:FF:E7

+ "puppet-server.local" (SHA256) FB:7A:42:37:4A:74:F6:AC:00:37:BB:D3:41:C1:6C:B4:C6:9F:31:75:CE:16:DF:CA:50:B4:CD:74:59:BB:35:F9 (alt names: "DNS:puppet", "DNS:puppet-server.local")

root@puppet-server:/opt/puppetlabs/bin#

root@puppet-server:/etc/puppetlabs/code/environments/production/manifests# /opt/puppetlabs/bin/puppet cert list --all

"prod-server.local" (SHA256) 44:C4:61:9C:A1:09:D8:03:79:D2:FE:C9:9A:FC:FB:A7:2B:22:88:37:CF:26:34:4E:33:C8:C0:9D:97:DE:39:57

+ "dev-server.local" (SHA256) 22:56:3D:98:CF:AE:FA:AC:2D:04:D9:6A:43:68:59:B2:2B:ED:07:10:20:67:08:B1:64:41:42:E3:D9:D9:FF:E7

+ "puppet-server.local" (SHA256) FB:7A:42:37:4A:74:F6:AC:00:37:BB:D3:41:C1:6C:B4:C6:9F:31:75:CE:16:DF:CA:50:B4:CD:74:59:BB:35:F9 (alt names: "DNS:puppet", "DNS:puppet-server.local")

root@puppet-server:/etc/puppetlabs/code/environments/production/manifests#

oot@puppet-server:/etc/puppetlabs/code/environments/production/manifests# ./puppet cert sign de^Cserver.local

root@puppet-server:/etc/puppetlabs/code/environments/production/manifests# /opt/puppetlabs/bin/puppet cert sign prod-server.local

Signing Certificate Request for:

"prod-server.local" (SHA256) 44:C4:61:9C:A1:09:D8:03:79:D2:FE:C9:9A:FC:FB:A7:2B:22:88:37:CF:26:34:4E:33:C8:C0:9D:97:DE:39:57

Notice: Signed certificate request for prod-server.local

Notice: Removing file Puppet::SSL::CertificateRequest prod-server.local at '/etc/puppetlabs/puppet/ssl/ca/requests/prod-server.local.pem'

root@puppet-server:/etc/puppetlabs/code/environments/production/manifests#

Nagios:-

Monitoring System written in perl

Open source version

Paid Version

Most popular -- Open Source Version