

root@puppet:/etc/puppetlabs/code/environments/production/modules# cat filecreation/manifests/files.pp

class filecreation::files {

file { '/tmp/file1':

ensure => file,

mode => '0600',

content => "Welcome.. This Is File1",

}

file { '/tmp/file2':

ensure => file,

mode => '0600',

content => "Welcome.. This Is File2",

}

file { '/tmp/file3':

ensure => file,

mode => '0600',

content => "Welcome.. This Is File3",

}

File['/tmp/file3'] -> File['/tmp/file2'] -> File['/tmp/file1']

}

root@puppet:/etc/puppetlabs/code/environments/production/modules# cat mytools/manifests/tools.pp

define mytools::tools {

package {$name:

ensure => 'installed',

}

}

root@puppet:/etc/puppetlabs/code/environments/production/modules# cat nginx/manifests/installnginx.pp

class nginx::installnginx {

exec { 'apt update':

command => "/usr/bin/apt update",

}

exec { 'Dele Repo if Exists':

command => "/bin/rm -rf /tmp/dockertest1"

}

exec { 'Clone Repo':

command => "/usr/bin/git clone -b DevOpsB17 https://github.com/mavrick202/dockertest1.git /tmp/dockertest1",

}

package { 'nginx':

ensure => installed,

}

file { "/var/www/html" :

ensure => directory,

source => "/tmp/dockertest1",

recurse => true,

backup => false,

}

service { "nginx":

ensure => running,

enable => true,

hasrestart => true,

hasstatus => true,

# pattern => 'nginx',

}

Exec['apt update'] -> Exec['Dele Repo if Exists'] -> Exec['Clone Repo'] -> Package['nginx'] -> File['/var/www/html'] ~> Service['nginx']

}

root@puppet:/etc/puppetlabs/code/environments/production/modules# cat usercreation/manifests/users.pp

define usercreation::users {

user {$name:

ensure => 'present',

password => 'India@123456',

password\_max\_age => '99999',

password\_min\_age => '0',

shell => '/bin/bash',

}

}

**Roles & Profiles:**

docker run --rm -dit --name newpuppetclient4 --hostname newpuppetclient4 -p 8500:80 --network puppet\_nw sreeharshav/puppetagent:V2 && docker exec -it puppetclient4 puppet agent -t

docker run --rm -dit --name newpuppetclient5 --hostname newpuppetclient5 -p 8600:80 --network puppet\_nw sreeharshav/puppetagent:V2 && docker exec -it puppetclient5 puppet agent -t

docker run --rm -dit --name newpuppetclient6 --hostname newpuppetclient6 -p 8700:80 --network puppet\_nw sreeharshav/puppetagent:V2 && docker exec -it puppetclient6 puppet agent -t

root@puppet:/etc/puppetlabs/code/environments/production/modules# cat profile1/manifests/hello.pp

class profile1::hello {

include filecreation::files

mytools::tools {'stress':}

}

root@puppet:/etc/puppetlabs/code/environments/production/modules# cat profile2/manifests/hello.pp

class profile2::hello {

include nginx::installnginx

usercreation::users {'testuser1':}

usercreation::users {'testuser2':}

usercreation::users {'testuser3':}

}

root@puppet:/etc/puppetlabs/code/environments/production/modules# cat myrole/manifests/testrole.pp

class myrole::testrole {

include profile1::hello

include profile2::hello

}

node /^newpuppetclient\d+$/ {

include myrole::testrole

}