Directory creation

vi filecraetion.pp

file { "/var/www":

path => "/var/www",

ensure => directory,

owner => root,

group => root,

}

file { "/var/www/test-app":

path => "/var/www/test-app",

ensure => directory,

owner => root,

group => root,

} ->

file{ "/var/www/test-app/current":

path => "/var/www/test-app/current",

ensure => directory,

owner => root,

group => root,

} ->

file { "/var/www/test-app/current/index.html":

path => "/var/www/test-app/current/index.html",

ensure => file,

owner => root,

group => root,

} ->

file { "/var/www/test-app/releases":

path => "/var/www/test-app/releases",

ensure => directory,

owner => root,

group => root,

} ->

file { "/var/www/shared":

path => "/var/www/test-app/shared",

ensure => directory,

owner => root,

group => root,

}

Puppet –apply filecreation.pp

Then

Create Self signed sertificate  
  
sudo nano example.com.conf sudo openssl req -x509 -nodes -days 365 -newkey rsa:2048 -keyout example.com.key -out example.com.crt -config example.com.conf

sudo cp example.com.crt /etc/ssl/certs/example.com.crt

sudo cp example.com.key /etc/ssl/certs/example.com.key

sudo nano /etc/nginx/sites-available/default  
  
define the path of certificates  
reload the service  
  
installation of nginx

/etc/puppet/manifests/nginx.pp

class{"nginx": }

or  
  
node "test-site" {

file { ['/var/www']:

ensure => 'directory',

owner => root,

group => root,

mode => '755'

}

file {'/var/www/test-app/current/index.html':

ensure => 'file',

content => 'This is a sample app.',

owner => root,

group => root,

mode => '755'

}

class { 'nginx':

client\_max\_body\_size => '1g',

}

NGINX Configuration

file { '/etc/nginx/ssl':

ensure => directory,

owner => 'root',

group => 'root',

}

file { '/etc/nginx/ssl/example.com.crt':

ensure => file,

owner => 'root',

group => 'root',

mode => '0644',

source => 'puppet:///modules/nginx/example.com.crt',

}

file { '/etc/nginx/ssl/example.com.key':

ensure => file,

owner => 'root',

group => 'root',

mode => '0644',

source => 'puppet:///modules/nginx/example.com.key',

}

$server\_name = "testapi.example.com"

nginx::resource::server {"$server\_name":

ssl => true,

ssl\_port => 443,

ssl\_redirect => true,

ssl\_cert => "/etc/nginx/ssl/example.com.crt",

ssl\_key => "/etc/nginx/ssl/example.com.key",

ssl\_protocols => 'TLSv1.2 TLSv1.1 TLSv1',

ensure => present,

www\_root => "/var/www/test-app/current/",

}

nginx::resource::location {"/":

server => "$server\_name",

ensure => present,

www\_root => "/var/www/test-app/current/",

}

Script file for deletion old retention period

#!/bin/sh

delete() {

echo "Deleting $1"

}

DOW=$(date +%u)

if [ $DOW -eq 1 ]; then

DATE\_DAY=$(date -d "-28 days" +"%d")

if [ $DATE\_DAY -gt 7 ]; then

DATE=$(date -d "-28 days" +"%Y-%m-%d")

delete $DATE

fi

DATE\_DAY=$(date -d "-364 days" +"%d")

DATE\_MONTH=$(date -d "-364 days" +"%m")

if [ $DATE\_DAY -le 7 ] && [ $DATE\_MONTH -gt 1 ]; then

DATE=$(date -d "-364 days" +"%Y-%m-%d")

delete $DATE

fi

else

DATE=$(date -d "-7 days" +"%Y-%m-%d")

delete $DATE

fi