## Puppet

### Assignment:

**Module 5: Puppet Assignment**

**Problem Statement:** A developer wants to the following task:

Use this github https://github.com/hshar94/helloworld

1. Create a 3 node setup of Puppet Master and Slave

2. Install Apache on all the slaves

3. Ensure the index.html on all slaves is deployed /var/www/html folder of the slaves using Puppet file servers

4. Make use of Puppet Modules

Solution:

* ubuntu@ip-172-31-85-185:~/new$ sudo puppet module generate devops-apache

{

"name": "devops-apache",

"version": "1.0.0",

"author": "devops",

"summary": "apache",

"license": "Apache-2.0",

"source": "apache",

"project\_page": "apache",

"issues\_url": "apache",

"dependencies": [

{

"name": "puppetlabs-stdlib",

"version\_requirement": ">= 1.0.0"

}

],

"data\_provider": null

}

* ubuntu@ip-172-31-85-185:~/new/apache/manifests$ sudo vi init.pp

class apache {

package {'apache2':

ensure => installed,

}

file { '/var/www/html/index.html':

  ensure => absent,

}

file { '/var/www/html/':

          ensure => present,

          source => "/home/ubuntu/new/helloworld/\*",

}

}

* ubuntu@ip-172-31-85-185:~/new$ git clone <https://github.com/hshar94/helloworld>
* ubuntu@ip-172-31-85-185:~/new$ cd helloworld/
* On slaves-🡪 sudo puppet agent –test