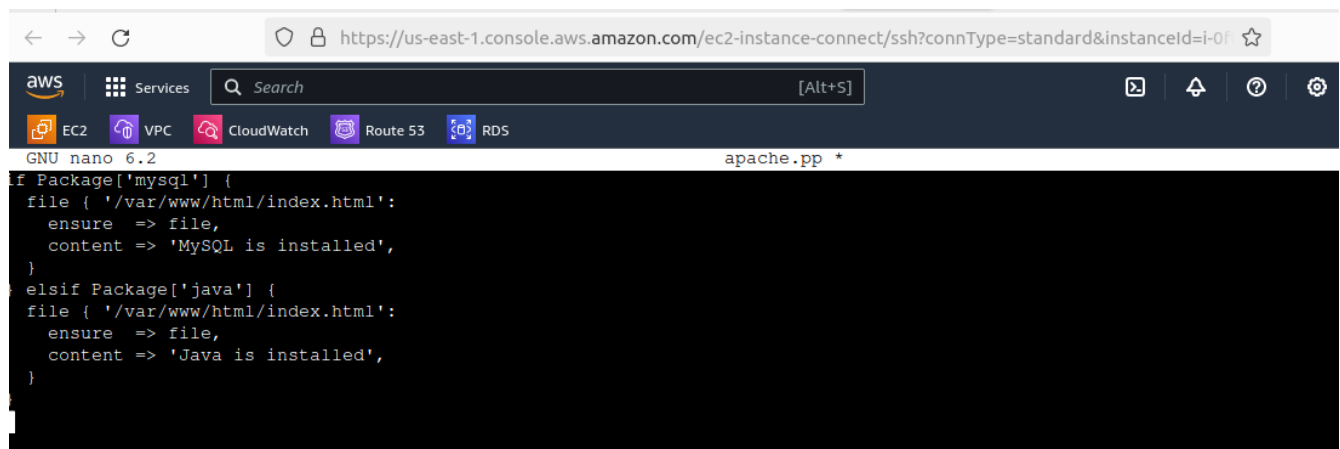


1. Use the previous module deployment
2. Use modules for this task
3. Ensure MySQL and Java is installed on NGINX machine

1.

```
if Package['mysql'] {
  file { ['/var/www/html/index.html']:
    ensure => file,
    content => 'MySQL is installed',
  }
} elsif Package['java'] {
  file { ['/var/www/html/index.html']:
    ensure => file,
    content => 'Java is installed',
  }
}
```



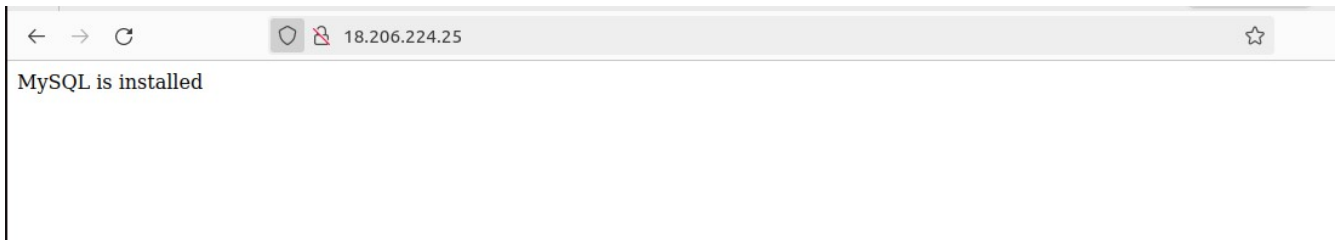
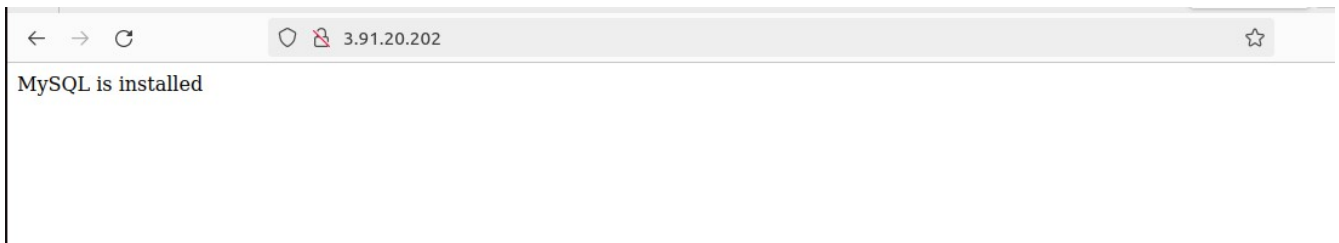
The screenshot shows a web browser window with the AWS Management Console URL. Below the browser, there's a terminal window titled 'GNU nano 6.2' with the same Puppet manifest code as shown in the previous block. The terminal window is part of an EC2 instance connection.

on slaves:

`sudo puppet agent -t`

```
ubuntu@ip-172-31-29-2:~$ sudo puppet agent -t
Info: Using configured environment 'production'
Info: Retrieving pluginfacts
Info: Retrieving plugin
Info: Retrieving locales
Info: Caching catalog for ip-172-31-29-2.ec2.internal
Info: Applying configuration version '1710988586'
Notice: /Stage[main]/Main/File[/var/www/html/index.html]/content:
--- /var/www/html/index.html      2024-03-21 01:51:34.549026831 +0000
+++ /tmp/puppet-file20240321-5756-qkp9rn      2024-03-21 02:36:26.973382118 +0000
@@ -1,1 @@
-
+MySQL is installed
\ No newline at end of file

Info: Computing checksum on file /var/www/html/index.html
Info: /Stage[main]/Main/File[/var/www/html/index.html]: Filebucketed /var/www/html/index.html to puppet with sum 7ec5d08e93b084a7
Notice: /Stage[main]/Main/File[/var/www/html/index.html]/content: content changed '{md5}7ec5d08ebdd9fa5867b2e57993b084a7'77ad3a70bc43e3d61ef86ebdb2'
Notice: Applied catalog in 0.05 seconds
ubuntu@ip-172-31-29-2:~$
```



Ensure MySQL and Java is installed on NGINX machine

```
if Package['nginx'] {  
  package { 'mysql-server':  
    ensure => installed,  
  }  
  
  package { 'openjdk-11-jre':  
    ensure => installed,  
  }  
}
```

```
if Package['nginx'] {  
  package { 'mysql-server':  
    ensure => installed,  
  }  
  
  package { 'openjdk-11-jre':  
    ensure => installed,  
  }  
}
```

```
ubuntu@ip-172-31-93-207:~$  
ubuntu@ip-172-31-93-207:~$ sudo puppet agent -t  
Info: Using configured environment 'production'  
Info: Retrieving pluginfacts  
Info: Retrieving plugin  
Info: Retrieving locales  
Info: Caching catalog for ip-172-31-93-207.ec2.internal  
Info: Applying configuration version '1710989347'
```

i-065d2176d67305586 (slave1)

PublicIPs: 18.206.224.25 PrivateIPs: 172.31.93.207

← → ↻ 18.206.224.25 ☆

MySQL is installed

No trackers known to Firefox were detected on this page.

← → ↻ 18.212.34.157 ☆

MySQL is installed

