Install firewalld:

sudo yum install firewalld

sudo service firewalld start

sudo systemctl enable firewalld

install mariadb:

sudo yum install mariadb-server

sudo vi /etc/my.cnf

sudo service mariadb start

sudo systemctl enable mariadb

configure firewall to db :

sudo firewall-cmd --permanent --zone=public --add-port=3306/tcp

sudo firewall-cmd --reload

configure db:

$ mysql

MariaDB > CREATE DATABASE ecomdb;

MariaDB > CREATE USER 'ecomuser'@'localhost' IDENTIFIED BY 'ecompassword';

MariaDB > GRANT ALL PRIVILEGES ON \*.\* TO 'ecomuser'@'localhost';

MariaDB > FLUSH PRIVILEGES;

Load product:

mysql < db-load-script.sql

install web packages:

sudo yum install -y httpd php php-mysql

sudo firewall-cmd --permanent --zone=public --add-port=80/tcp

sudo firewall-cmd --reload

1. Configure httpd

Change DirectoryIndex index.html to DirectoryIndex index.php to make the php page the default page

sudo vi /etc/httpd/conf/httpd.conf

1. Start httpd

sudo service httpd start

sudo systemctl enable httpd

1. Download code

sudo yum install -y git

git clone https://github.com/kodekloudhub/learning-app-ecommerce.git /var/www/html/

1. Update index.php

Update [index.php](https://github.com/kodekloudhub/learning-app-ecommerce/blob/13b6e9ddc867eff30368c7e4f013164a85e2dccb/index.php#L107) file to connect to the right database server. In this case localhost since the database is on the same server.

<?php

$link = mysqli\_connect('172.20.1.101', 'ecomuser', 'ecompassword', 'ecomdb');

if ($link) {

$res = mysqli\_query($link, "

select \* from products;");

while ($row = mysqli\_fetch\_assoc($res)) { ?>

ON a multi-node setup remember to provide the IP address of the database server here.

1. Test

curl http://localhost