#!/bin/bash  
#update os  
yum update -y  
#install apache server  
yum install -y httpd  
# get private ip address of ec2 instance using instance metadata  
TOKEN=`curl -X PUT "<http://169.254.169.254/latest/api/token>" -H "X-aws-ec2-metadata-token-ttl-seconds: 21600"` \  
&& PRIVATE\_IP=`curl -H "X-aws-ec2-metadata-token: $TOKEN" <http://169.254.169.254/latest/meta-data/local-ipv4>`  
# get public ip address of ec2 instance using instance metadata  
TOKEN=`curl -X PUT "<http://169.254.169.254/latest/api/token>" -H "X-aws-ec2-metadata-token-ttl-seconds: 21600"` \  
&& PUBLIC\_IP=`curl -H "X-aws-ec2-metadata-token: $TOKEN" <http://169.254.169.254/latest/meta-data/public-ipv4>`   
# get date and time of server  
DATE\_TIME=`date`  
# set all permissions   
chmod -R 777 /var/www/html  
# create a custom index.html file  
echo "<html>  
<head>  
    <title> ELB with Call</title>  
</head>  
<body>  
    <h1>Testing Application Load Balancer with Call</h1>  
    <p>This web server is launched from launch template by Callahan</p>  
    <p>This instance is created at <b>$DATE\_TIME</b></p>  
    <p>Private IP address of this instance is <b>$PRIVATE\_IP</b></p>  
    <p>Public IP address of this instance is <b>$PUBLIC\_IP</b></p>  
</body>  
</html>" > /var/www/html/index.html  
# start apache server  
systemctl start httpd  
systemctl enable httpd

HTTP codes:  
**1xx: Informational**  
It means the request has been received and the process is continuing.

**2xx: Success**  
It means the action was successfully received, understood, and accepted.

**3xx: Redirection**  
It means further action must be taken in order to complete the request.

**4xx: Client Error**  
It means the request contains incorrect syntax or cannot be fulfilled.

**5xx: Server Error**  
It means the server failed to fulfill an apparently valid request.