User Data

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#!/bin/bash

#update os

yum update -y

#install apache server

yum install -y httpd

yum install -y wget

# 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 Osvaldo</title>

</head>

<body>

<h1>Testing Application Load Balancer and Autoscaling</h1>

<p>This web server is launched from launch template by Clarusway</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>

<center><img src="Picture1.png" alt="Hosgeldiniz!"</center>

</body>

</html>" > /var/www/html/index.html

cd /var/www/html

wget https://raw.githubusercontent.com/awsdevopsteam/ngniex/master/Picture1.png

# start apache server

systemctl start httpd

systemctl enable httpd

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Stress Test

sudo amazon-linux-extras install epel -y

sudo yum install -y stress

stress --cpu 80 --timeout 300

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