#!/bin/bash

# Use this for your user data (script from top to bottom)

# install httpd (Linux 2 version)

yum update -y

yum install -y httpd

systemctl start httpd

systemctl enable httpd

# Get the IMDSv2 token

TOKEN=$(curl -X PUT "http://169.254.169.254/latest/api/token" -H "X-aws-ec2-metadata-token-ttl-seconds: 21600")

# Background the curl requests

curl -H "X-aws-ec2-metadata-token: $TOKEN" -s http://169.254.169.254/latest/meta-data/local-ipv4 &> /tmp/local\_ipv4 &

curl -H "X-aws-ec2-metadata-token: $TOKEN" -s http://169.254.169.254/latest/meta-data/placement/availability-zone &> /tmp/az &

curl -H "X-aws-ec2-metadata-token: $TOKEN" -s http://169.254.169.254/latest/meta-data/network/interfaces/macs/ &> /tmp/macid &

wait

macid=$(cat /tmp/macid)

local\_ipv4=$(cat /tmp/local\_ipv4)

az=$(cat /tmp/az)

vpc=$(curl -H "X-aws-ec2-metadata-token: $TOKEN" -s http://169.254.169.254/latest/meta-data/network/interfaces/macs/${macid}/vpc-id)

echo "

<!doctype html>

<html lang=\"en\" class=\"h-100\">

<head>

<title>Details for EC2 instance</title>

</head>

<body>

<div>

<h1>AWS Instance Details</h1>

<h1>Samurai Katana</h1>

<br>

# insert an image or GIF

<img src="https://www.w3schools.com/images/w3schools\_green.jpg" alt="W3Schools.com">

<br>

<p><b>Instance Name:</b> $(hostname -f) </p>

<p><b>Instance Private Ip Address: </b> ${local\_ipv4}</p>

<p><b>Availability Zone: </b> ${az}</p>

<p><b>Virtual Private Cloud (VPC):</b> ${vpc}</p>

</div>

</body>

</html>

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

# Clean up the temp files

rm -f /tmp/local\_ipv4 /tmp/az /tmp/macid