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STUDENT ID: 012526358
ASSIGNMENT: CMPE 281 - LAB #1 - AWS Deploy EC2

1. A "screenshot" image (png or jpg) of the EC2 console showing:

- Browser URL
- Your AWS Account Name
- Your VPC Dashboard showing your list of VPCs
- Make sure to select your VPC to show the VPC Summary Details

The screenshot shows the AWS VPC Management Console in the us-west-2 region. The left sidebar contains navigation links for VPC Dashboard, Your VPCs, Subnets, Route Tables, Internet Gateways, Egress Only Internet Gateways, DHCP Options Sets, Elastic IPs, Endpoints, Endpoint Services, NAT Gateways, Peering Connections, Security, Network ACLs, Security Groups, and Virtual Private Network (VPN). The main content area displays a table of VPCs with columns for Name, VPC ID, State, IPv4 CIDR, IPv6 CIDR, DHCP options set, and Main Route table. Two VPCs are listed: CMPE281 (vpc-09936145d8da2416f) and vpc-3509204c. The VPC CMPE281 is selected, and its details are shown below. The details include VPC ID, State, IPv4 CIDR, IPv6 CIDR, Network ACL, DHCP options set, Route table, Tenancy, Default VPC, Classic link, DNS resolution, DNS hostnames, ClassicLink DNS Support, and Owner.

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR	DHCP options set	Main Route table
CMPE281	vpc-09936145d8da2416f	available	10.0.0.0/16	-	dopt-cddc8fb4	rtb-0e552494637080fb2
	vpc-3509204c	available	172.31.0.0/16	-	dopt-cddc8fb4	rtb-d0b19aa8

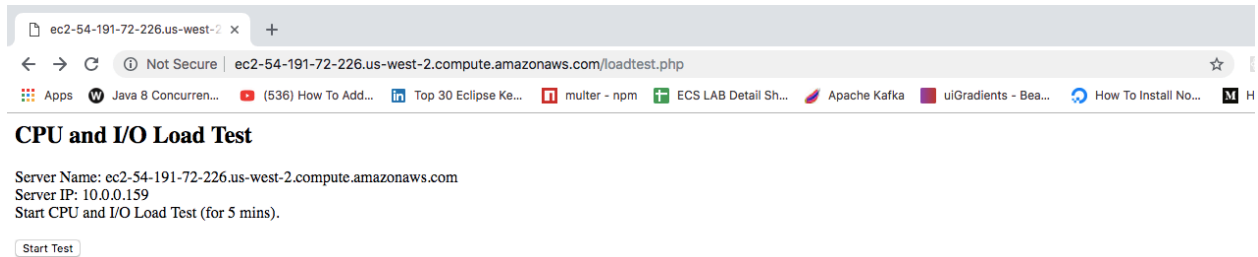
VPC: vpc-09936145d8da2416f

Description	CIDR Blocks	Flow Logs	Tags
VPC ID	vpc-09936145d8da2416f		
State	available		
IPv4 CIDR	10.0.0.0/16		
IPv6 CIDR	-		
Network ACL	acl-0cade65cadceec1563		
DHCP options set	dopt-cddc8fb4		
Route table	rtb-0e552494637080fb2		
Tenancy	default		
Default VPC	No		
Classic link	Disabled		
DNS resolution	Enabled		
DNS hostnames	Enabled		
ClassicLink DNS Support	Disabled		
Owner	021669194994		

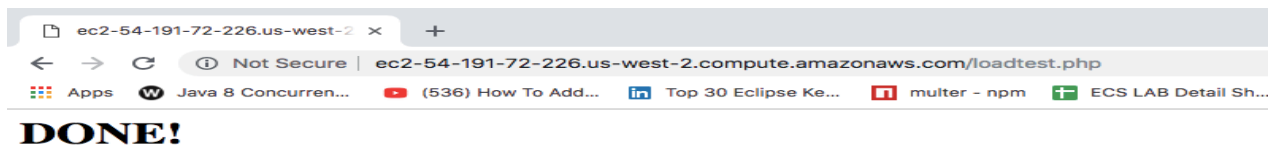
2. A "screenshot" image (png or jpg) showing:

- The Browser Output from running the loadtest.php "GET" from your EC2 Instance
- Screenshot should include the Browser URL to your Instance

Answer: Output Showing loadtest.php along with EC2 instance URL.



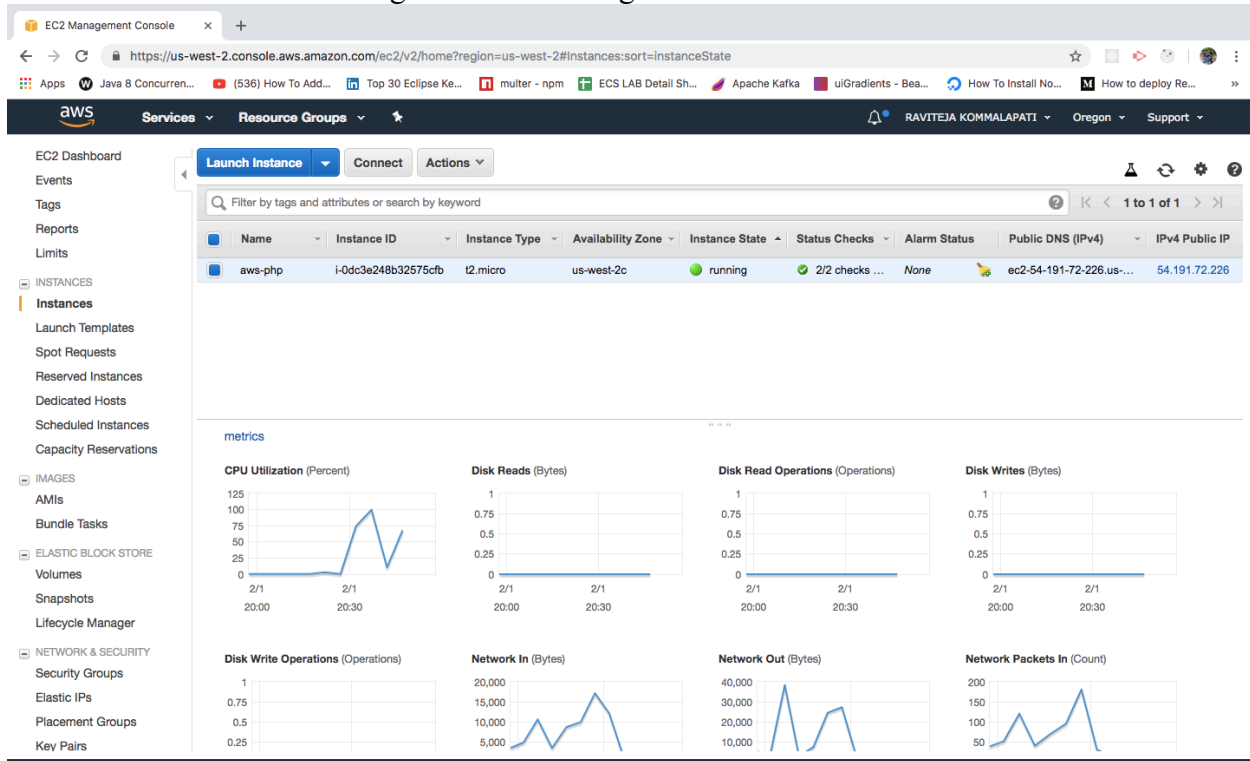
After completion of Stress test for load test GET to loadtest.php



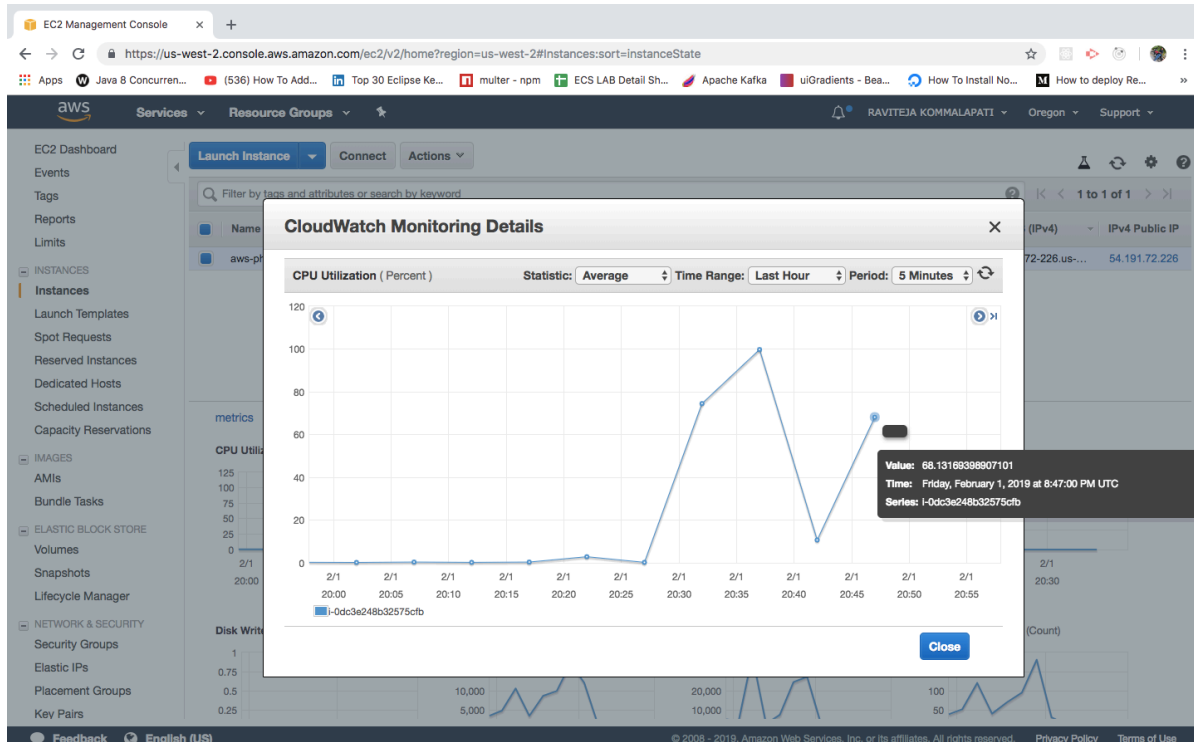
3. A "screenshot" image (png or jpg) showing:

- Your AWS EC2 Instance Running (i.e. from EC2 Dashboard)
- Make sure to show the CPU Utilization during the Stress Test
- CPU Utilization should show at least above 40%

Answer: Screenshot of running instance showing CPU Utilization.



CPU Utilization 68.131 when made Stress test for 5 minutes



EC2 instance Dashboard

EC2 Management Console

https://us-west-2.console.aws.amazon.com/ec2/v2/home?region=us-west-2#instances:sort=instanceState

AppsJava 8 Concur...(536) How To Add...Top 30 Eclipse Ke...multer - npmECS LAB Detail Sh...Apache KafkauiGradients - Bea...How To Install No...How to deploy Re...

awsServicesResource Groups

RAVITEJA KOMMALAPATIOregonSupport

EC2 DashboardEventsTagsReportsLimitsINSTANCESInstancesLaunch TemplatesSpot RequestsReserved InstancesDedicated HostsScheduled InstancesCapacity ReservationsIMAGESAMIsBundle TasksELASTIC BLOCK STOREVolumesSnapshotsLifecycle ManagerNETWORK & SECURITYSecurity GroupsElastic IPsPlacement GroupsKey Pairs

Launch InstanceConnectActions

Filter by tags and attributes or search by keyword1 to 1 of 1

Name	Instance ID	Instance Type	Availability Zone	Instance State	Status Checks	Alarm Status	Public DNS (IPv4)	IPv4 Public IP
aws-php	i-0dc3e248b32575cfb	t2.micro	us-west-2c	running	2/2 checks ...	None	ec2-54-191-72-226.us-...	54.191.72.226

Instance: i-0dc3e248b32575cfb (aws-php)Elastic IP: 54.191.72.226

Description

Status ChecksMonitoringTags

Instance ID	i-0dc3e248b32575cfb	Public DNS (IPv4)	ec2-54-191-72-226.us-west-2.compute.amazonaws.com
Instance state	running	IPv4 Public IP	54.191.72.226
Instance type	t2.micro	IPv6 IPs	-
Elastic IPs	54.191.72.226*	Private DNS	ip-10-0-0-159.us-west-2.compute.internal
Availability zone	us-west-2c	Private IPs	10.0.0.159
Security groups	cmpe281-dmz, view inbound rules, view outbound rules	Secondary private IPs	
Scheduled events	No scheduled events	VPC ID	vpc-09936145d8da2416f
AMI ID	amzn-ami-hvm-2018.03.0.20181129-x86_64-gp2 (ami-01e24be29428c15b2)	Subnet ID	subnet-02cf4f43aba8f7d11
Platform	-	Network interfaces	eth0
IAM role	-	Source/dest. check	True