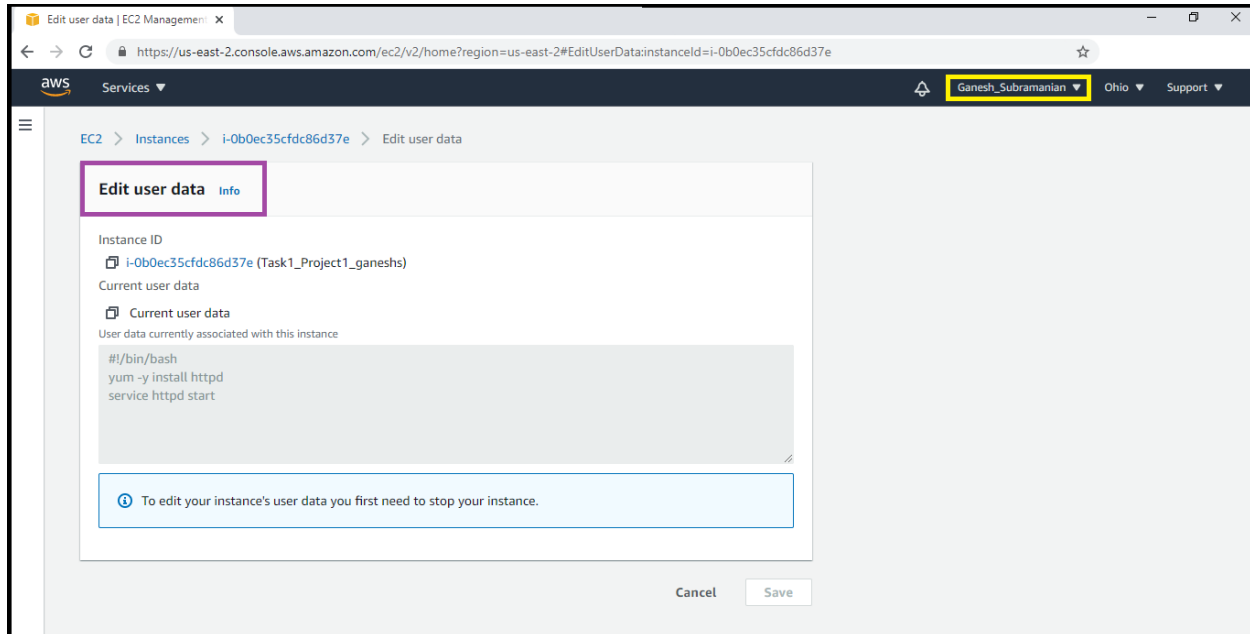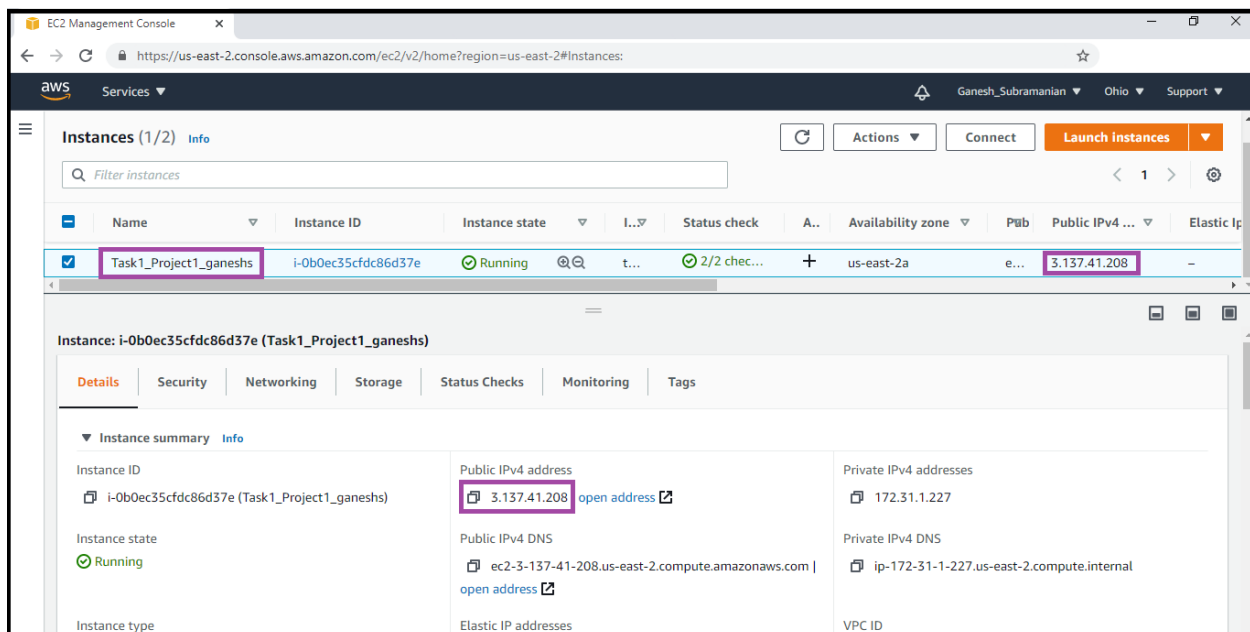# PROJECT 1:
Working with IAM Roles with S3 and bootstrapping with EC2

Task 1: Creating a bootstrapped instance
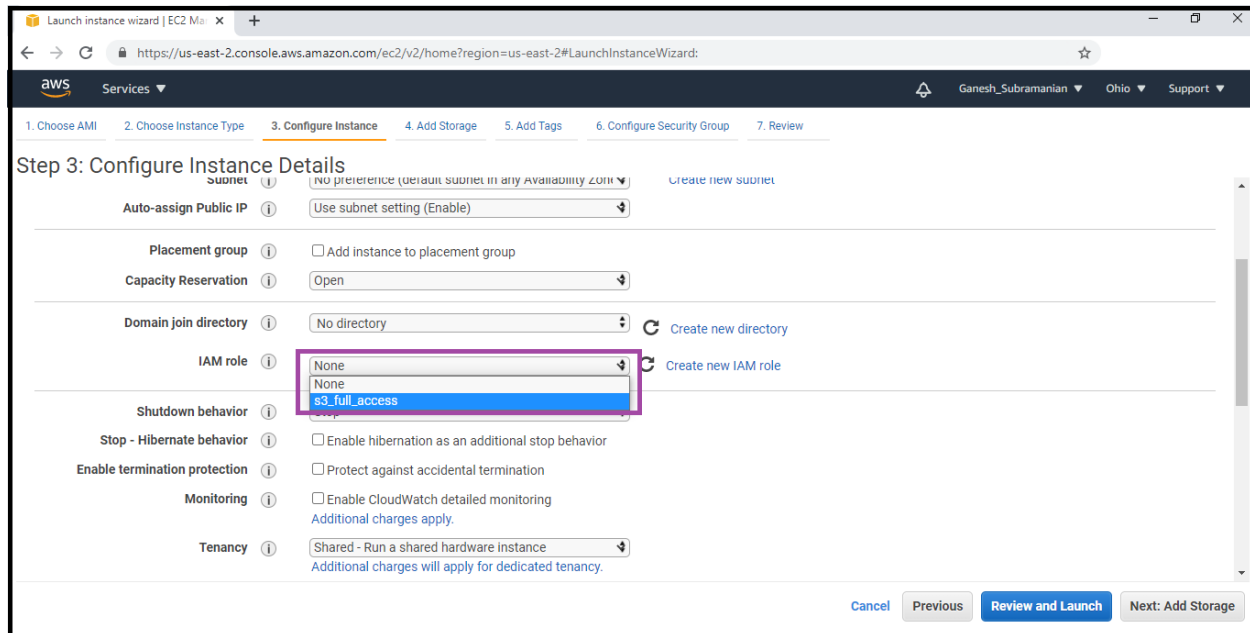

Edit User Data

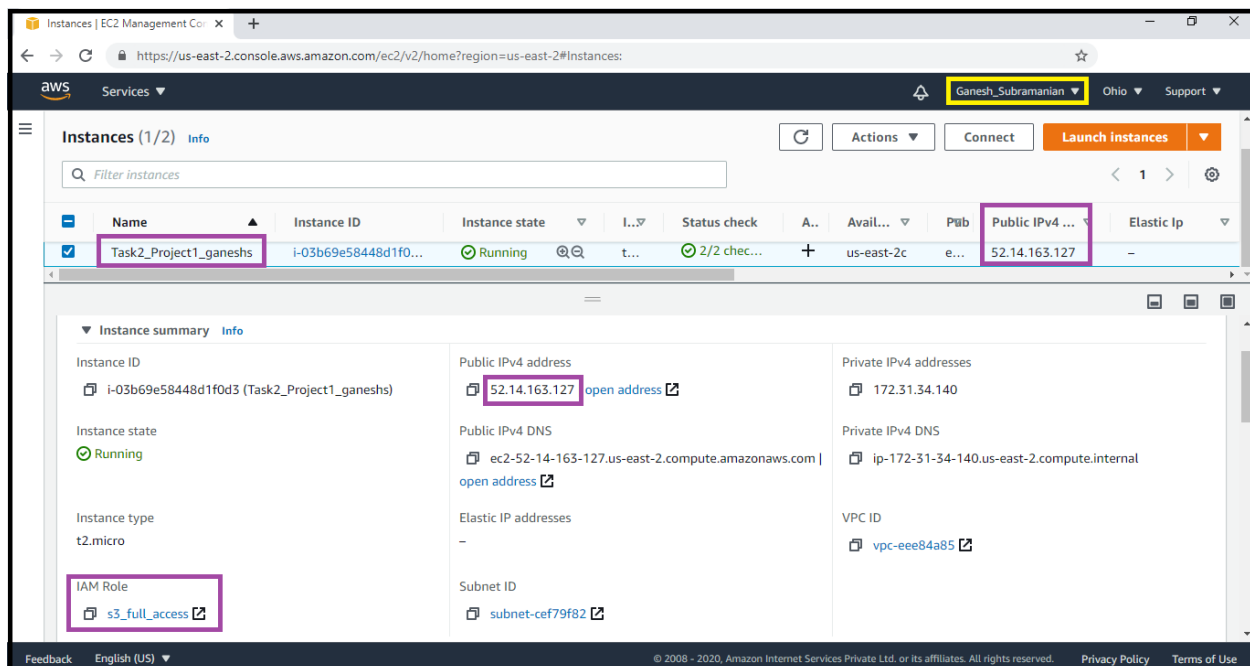List of ec2 instances with description

Successful Display of the Test page

Task 2: Checking bucket list and creating a new bucket from EC2 using IAM Roles

EC2 instance getting attached to IAM Role

EC2 instances with its relevant description

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Commands which were executed (Highlighted in Yellow) and their respective outputs being displayed
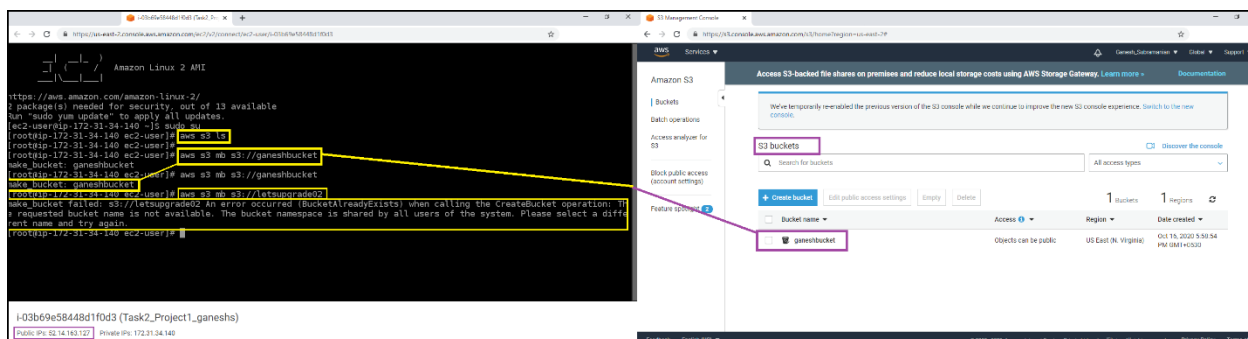
Executed Commands through CLI and the same is being reflected in the GUI
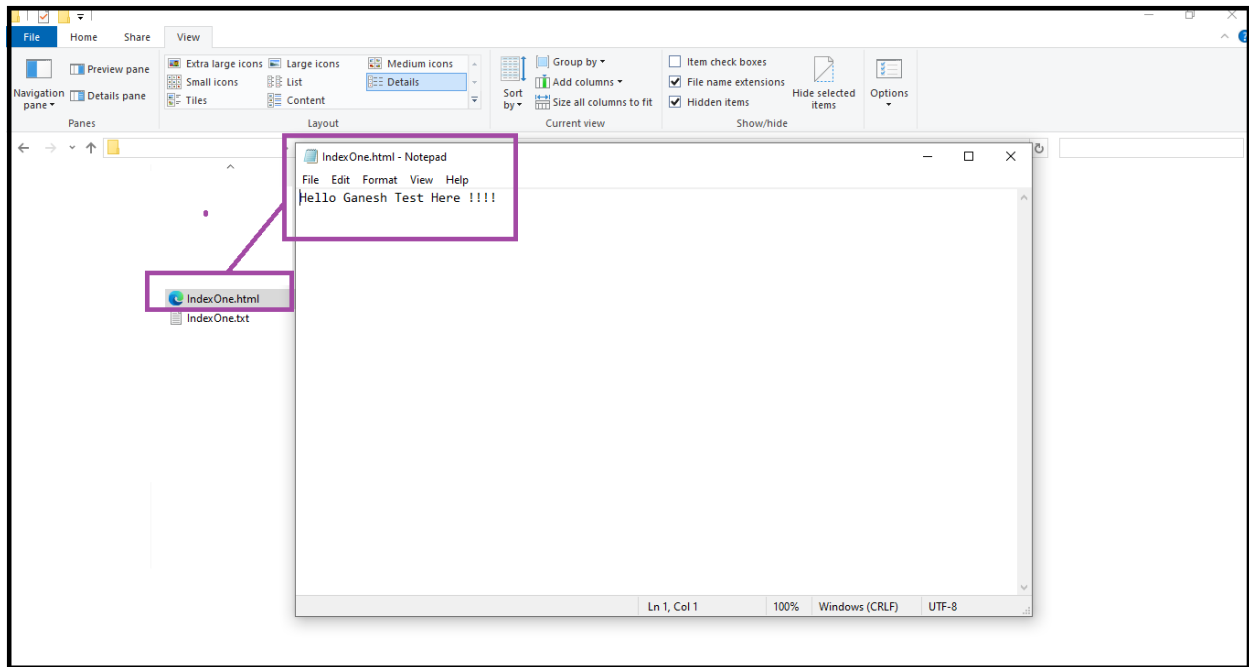(New Bucket "ganeshbucket") created via CLI is being displayed in the GUI of S3 Bucket section

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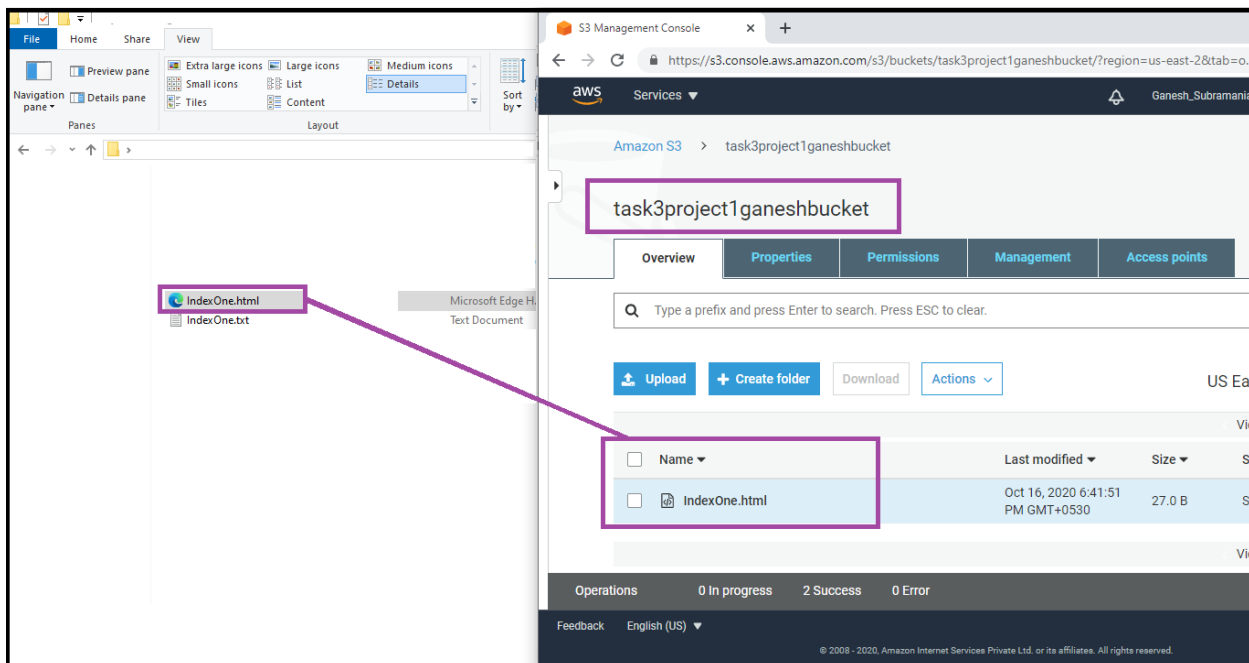
Task 3: Hosting a webpage using the bootstrap script on ec2.
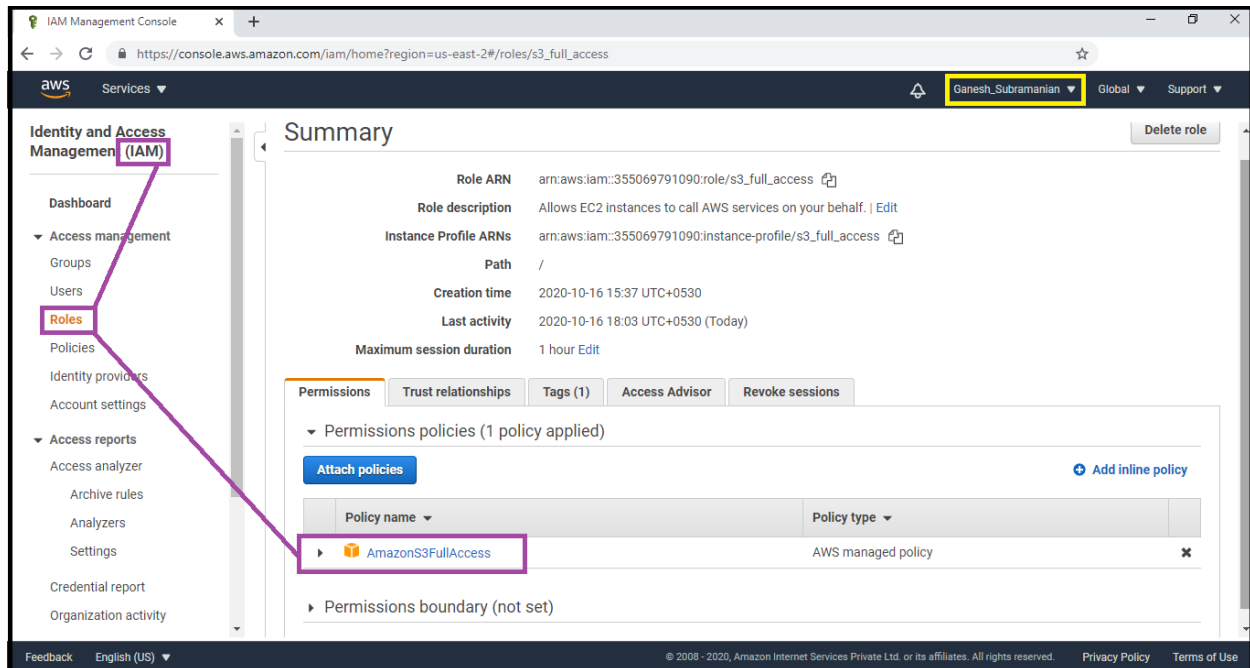
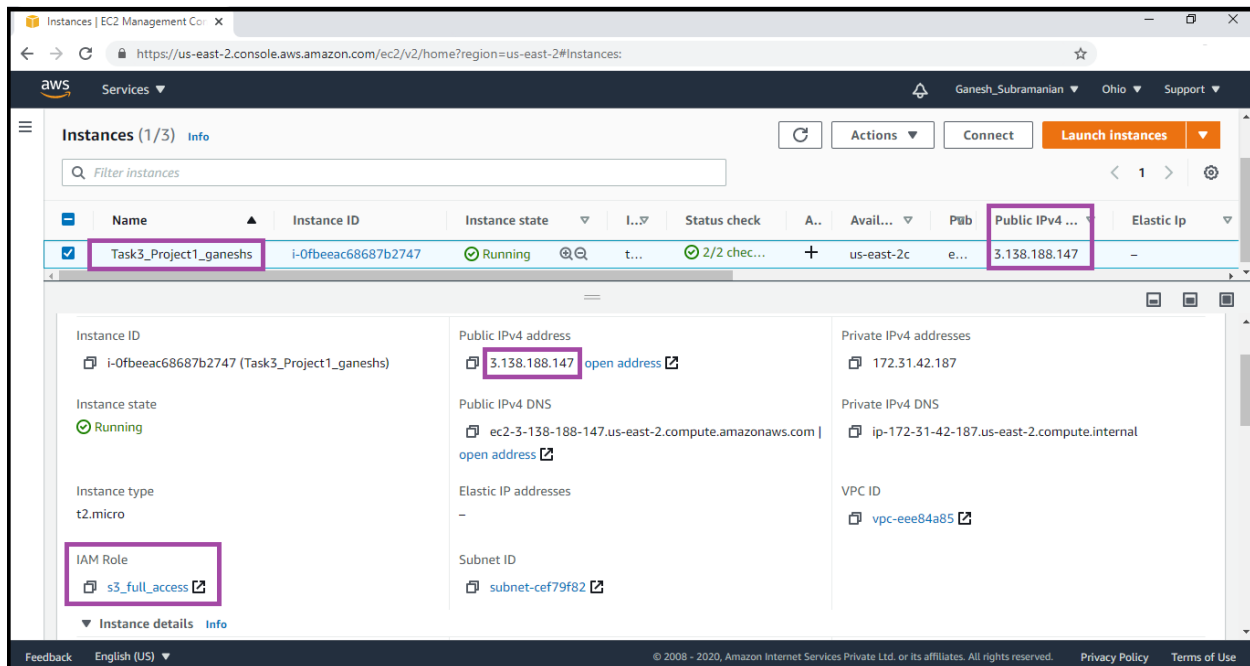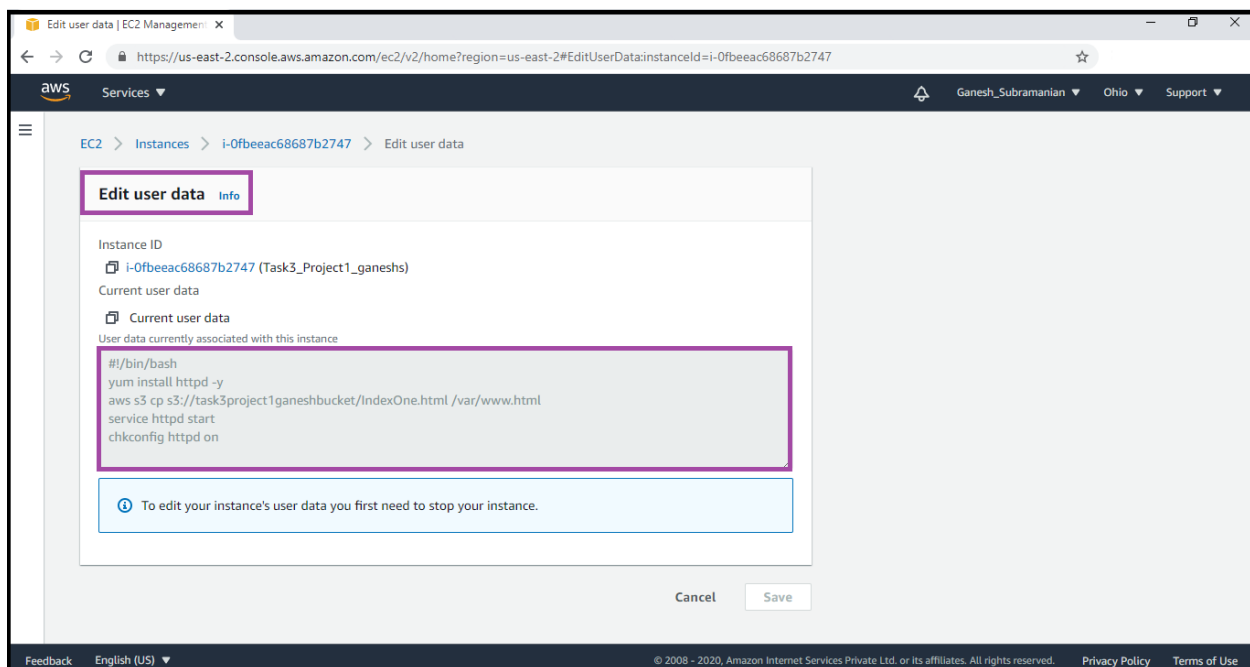Creation of IAM Role (AmazonS3FullAccess)
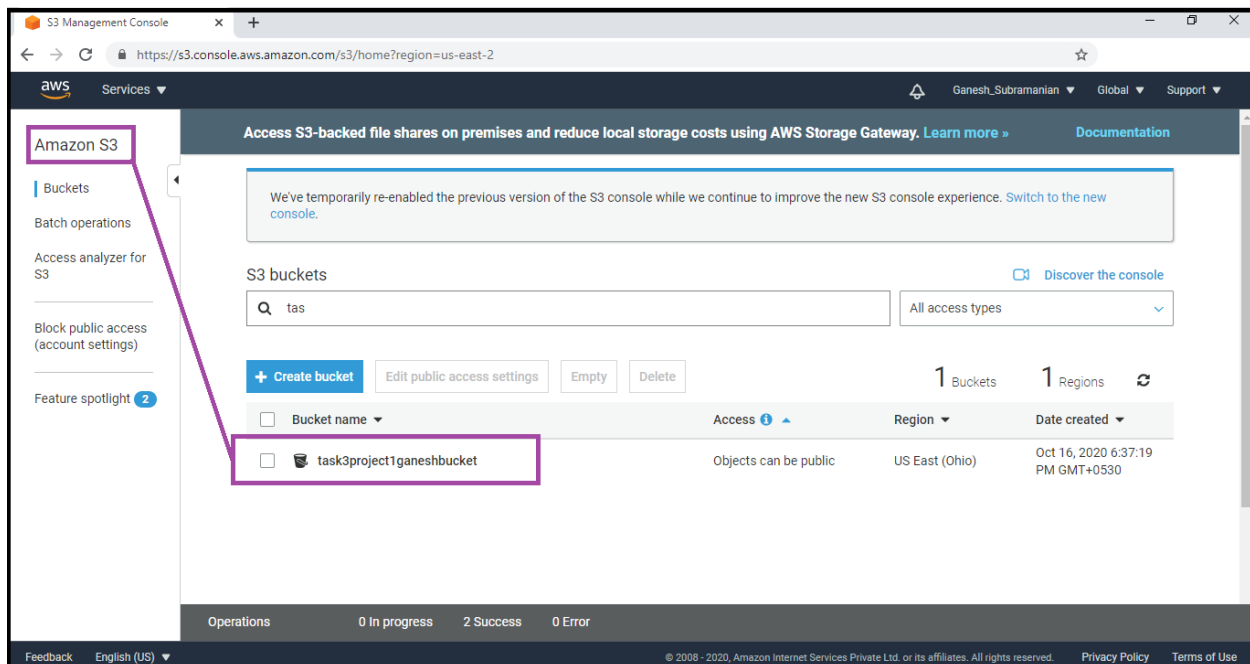
Creation of a S3 Bucket
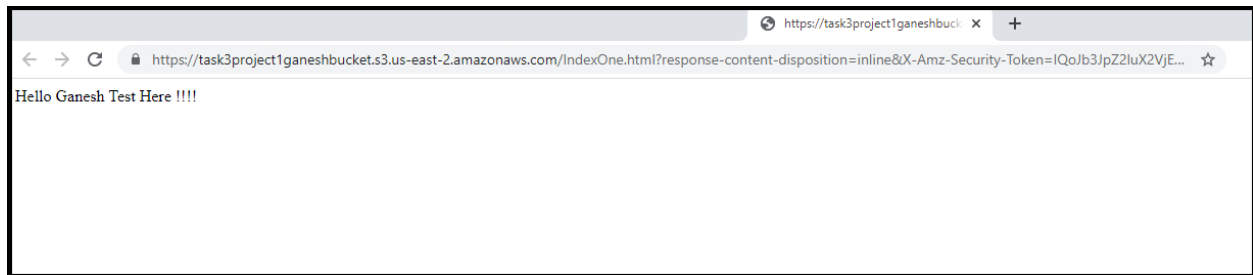
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Creation of IndexOne.html file

Uploading the IndexOne.html to the S3 Created Bucket (task3project1ganeshbucket)

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Creation of EC2 Instance with IAM Roles (Highlighted in the above image)

Edit User Data Details

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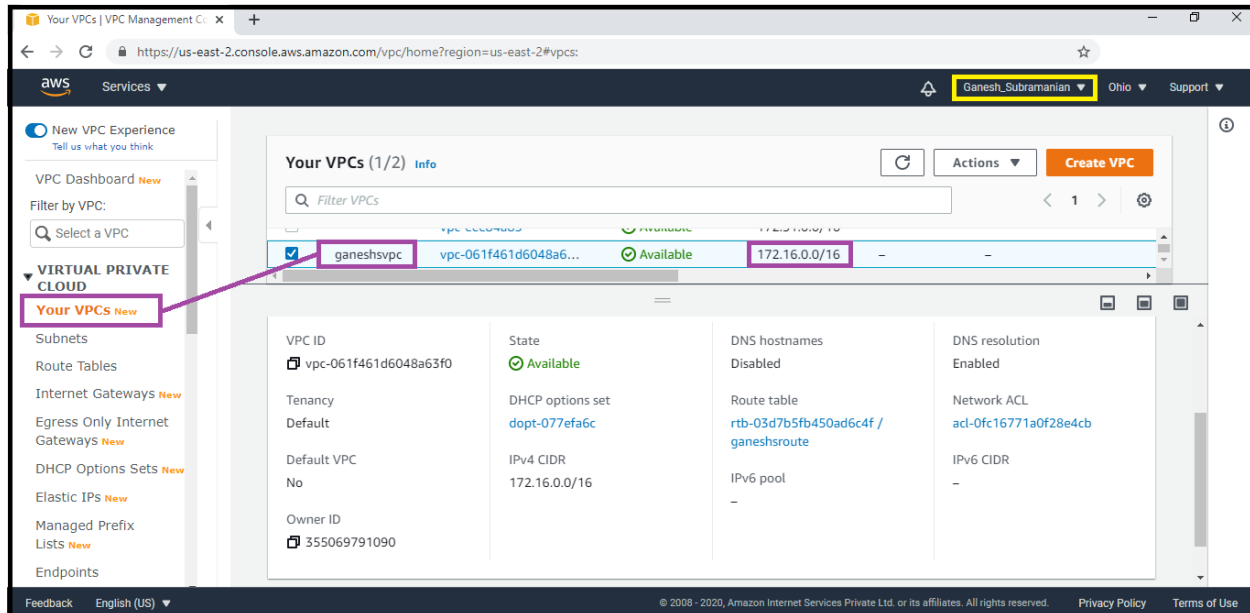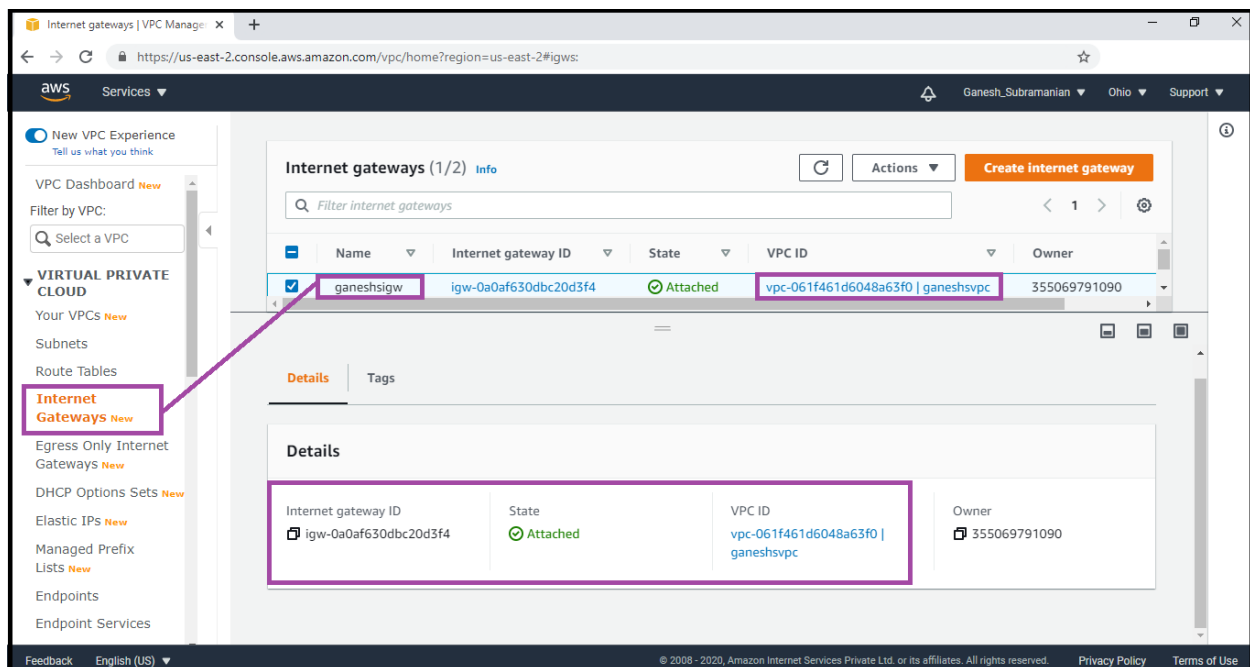The Content of the HTML File uploaded

PROJECT 2:

Creating an EC2 instance in custom VPC

Task1: Create a VPC

VPC (ganeshsvpc) Created

Task 2: Create an Internet gateway

Internet Gateway (ganeshsigw) associated with vpc (ganeshsvpc)

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Task3: Create a route table

Route table with routes (ganeshsroute)
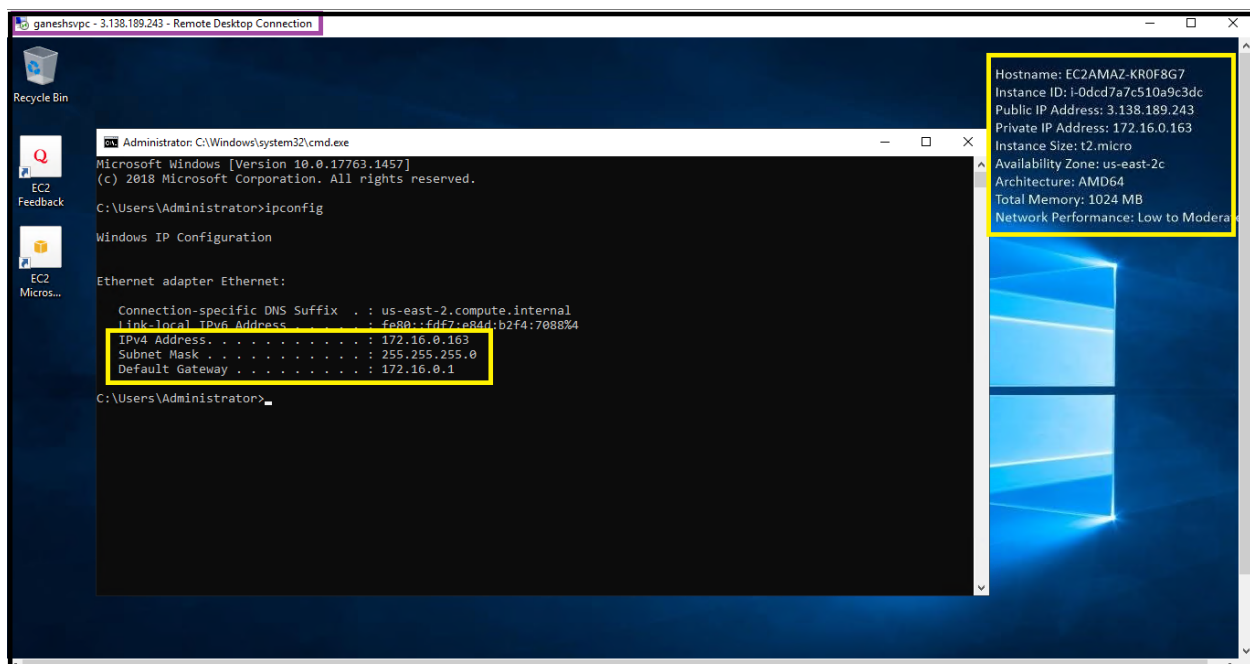
Task4: Create a subnet

Subnet created (ganeshssubnet)

Task5: Create an EC2 in custom vpc
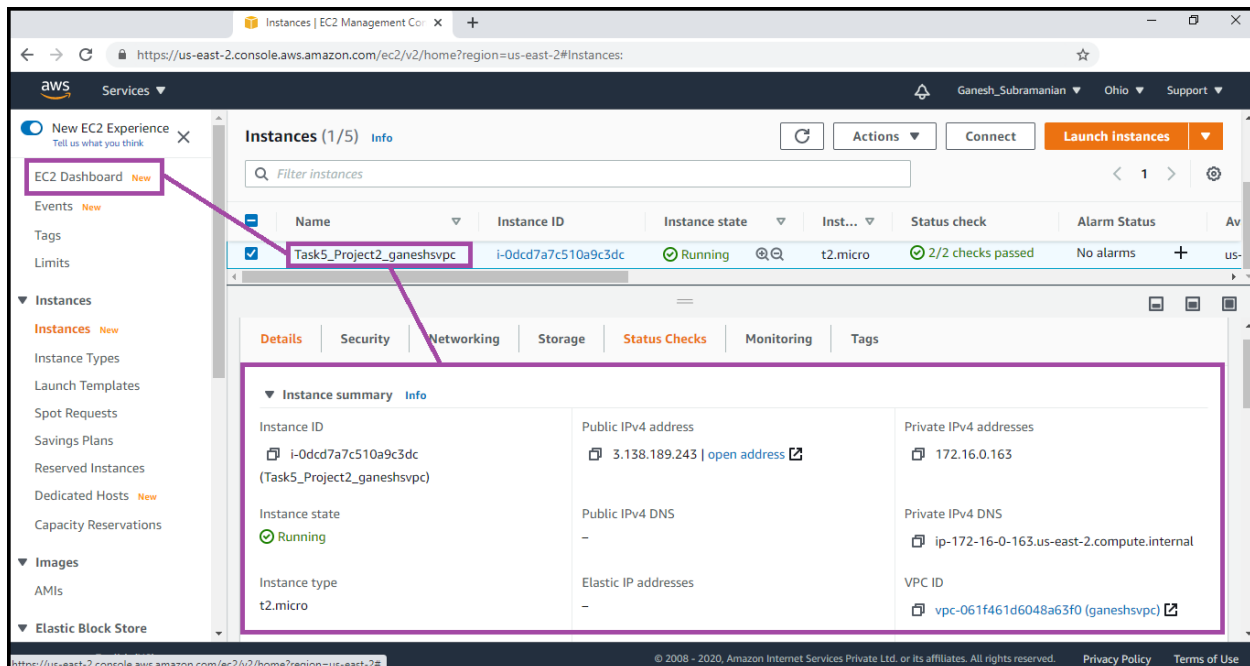
EC2 Instance dashboard details

Task 6: Check ipconfig in VM command prompt.

Ipconfig of the RDP displayed (Highlighted)

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