

**NAME:**VADITHE USHA BAI

**TASK:**Design a Multi-Cloud Architecture Where Services Are Distributed Across Two Cloud Provider

**PLATFORM USED:**Amazon Web Services (AWS) + Google Cloud Platform (GCP)

## Instance Details

**AWS Instance ID:**[i-03aaff0e727ab36a6](#)

**Instance Name:** multitech11

**Public IP:** 15.207.223.7

**GCP Bucket Name:** multicloud11

**GCP Public File URL:** <https://storage.googleapis.com/multicloud11/hm.jpg>

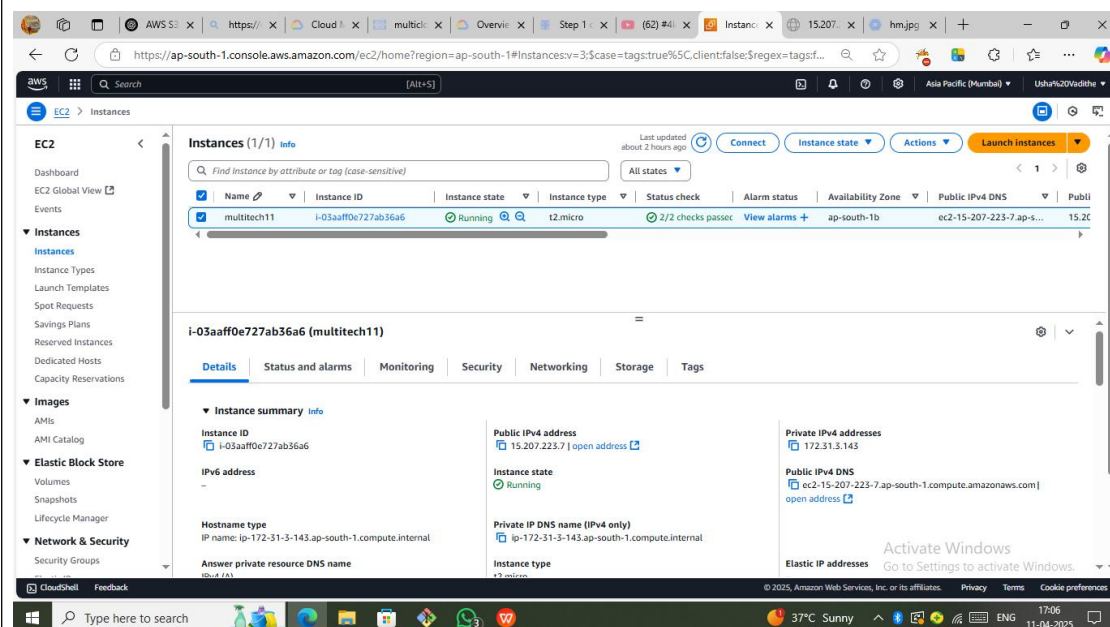
## Steps Performed

### 1. Created EC2 Instance on AWS

Launched a t2.micro EC2 instance using Amazon Linux 2

Opened HTTP (port 80) in the security group

Connected via SSH using kp11.pem key pair

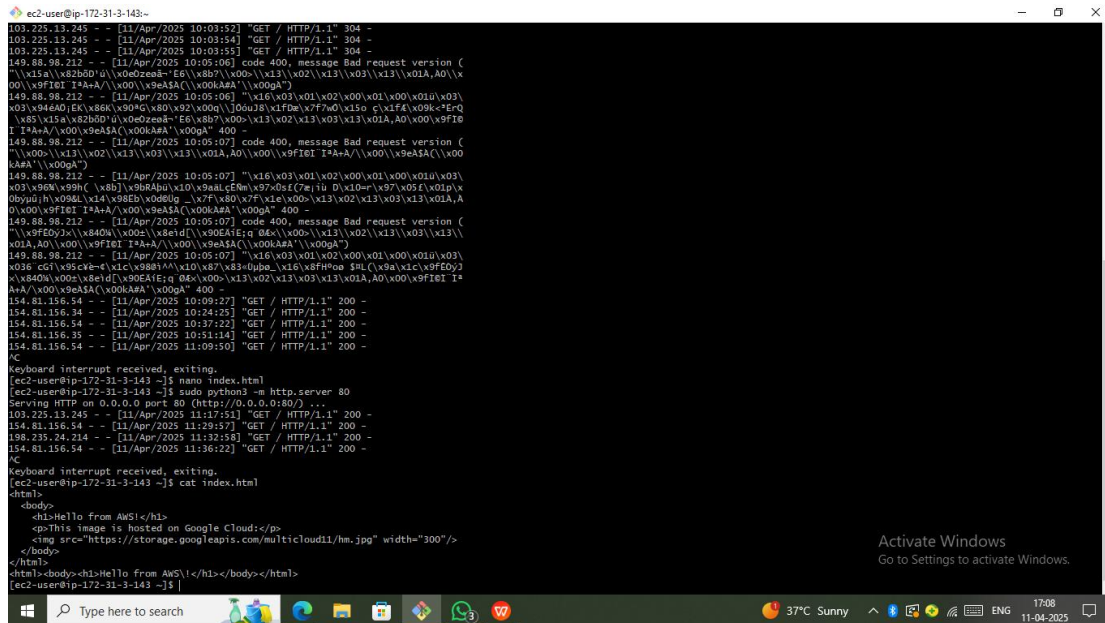


### 2. Set Up a Web Server on AWS

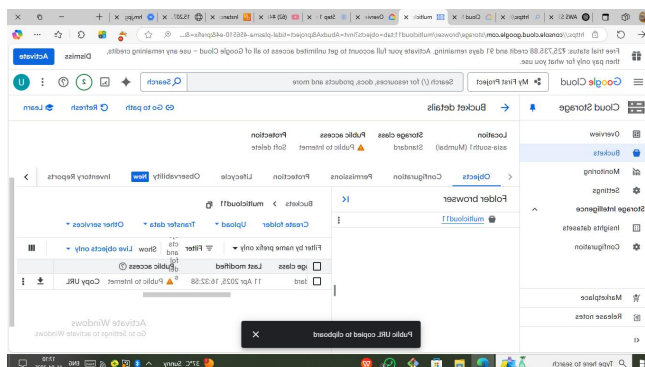
Created a basic HTML file (index.html) with

```
<h1>Hello from AWS!</h1>
```

Verified output at: <http://15.207.223.7>



Granted public access to allUsers with **Storage Object Viewer** role



<https://storage.googleapis.com/multicloud11/hm.jpg>



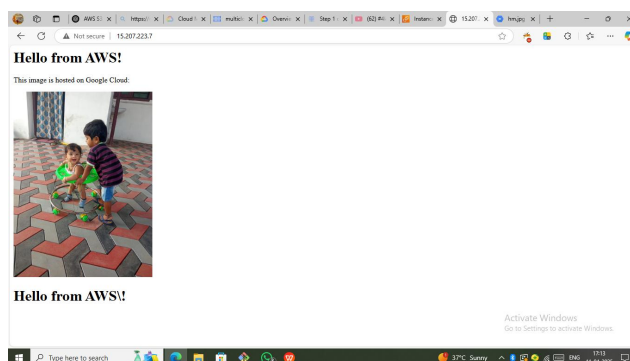
#### 4. Integrated GCP Storage in AWS Web Page

Updated index.html to embed GCP-hosted image:

```

```

Refreshed EC2 URL: <http://15.207.223.7>



Confirmed that the image from GCP appeared on the AWS-hosted page

#### Conclusion:

Successfully implemented a **multi-cloud architecture** with AWS EC2 serving a website and Google Cloud Storage delivering static content, demonstrating interoperability between cloud platforms.

