**AWS Advanced Projects (Day5-Day6)**

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**PROJECT 1:**

**Working with IAM Roles with S3 and bootstrapping with EC2**

**Task 1:** Creating a bootstrapped instance

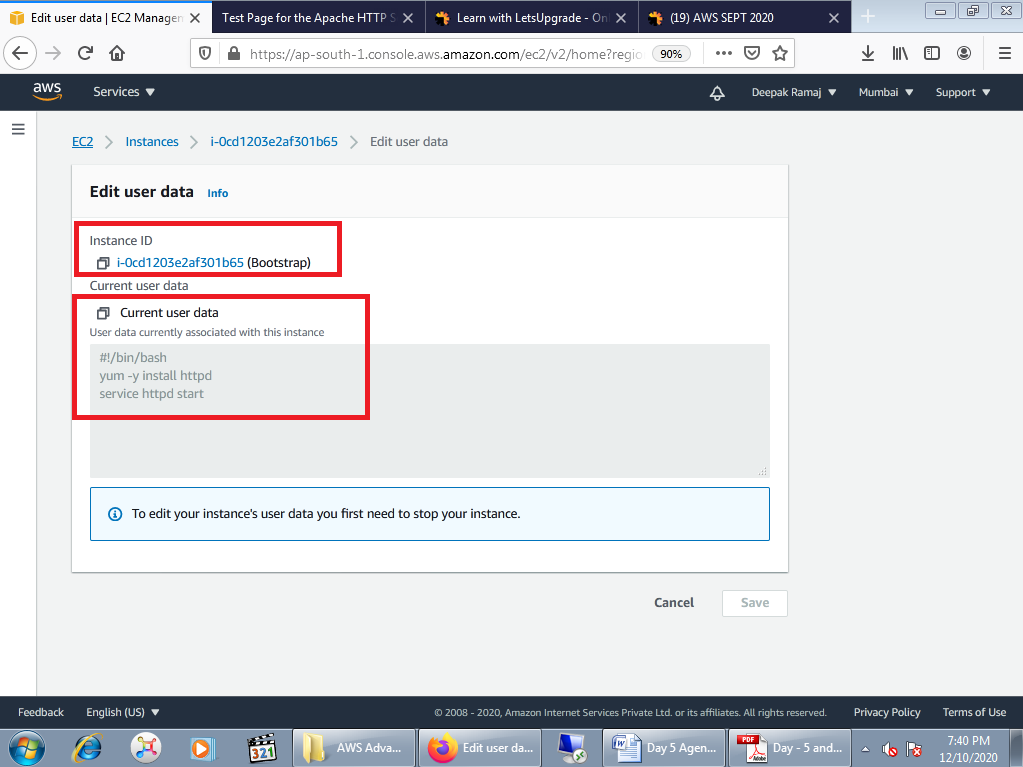


Fig. 1.1.1 User Data screen

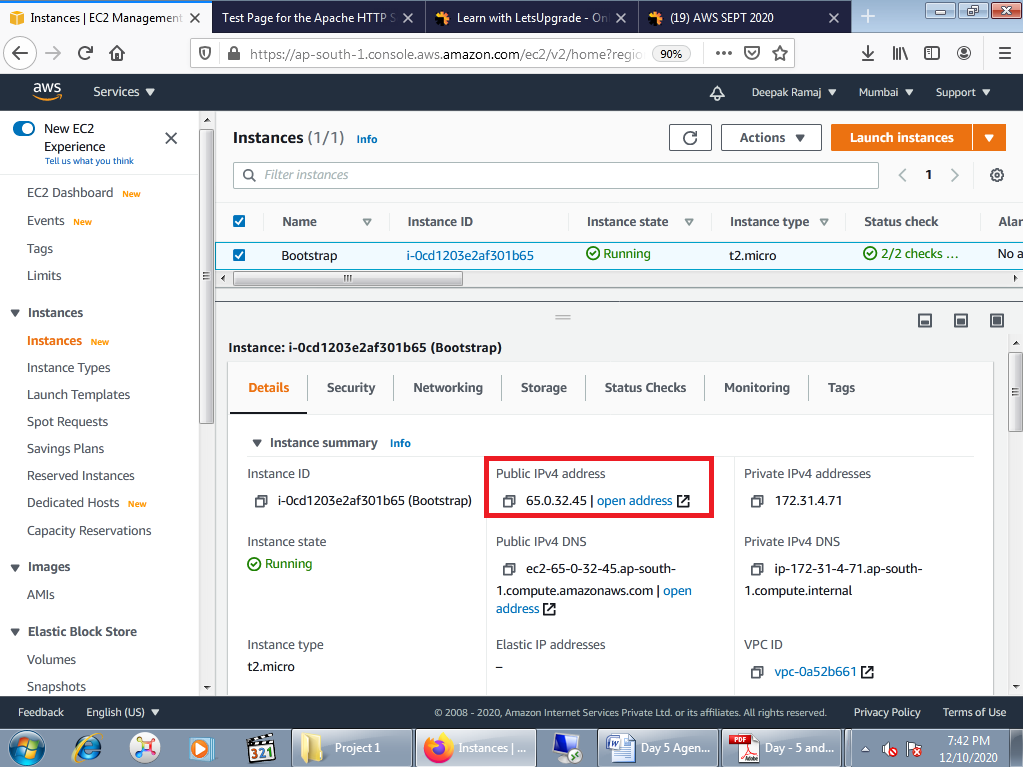


Fig. 1.1.2 EC2 Dashboard

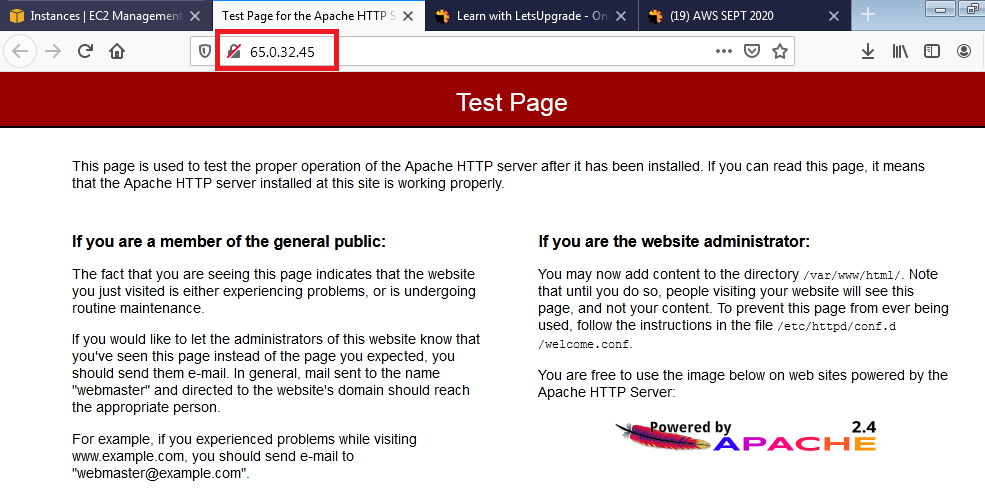


Fig. 1.1.3 Test Page

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

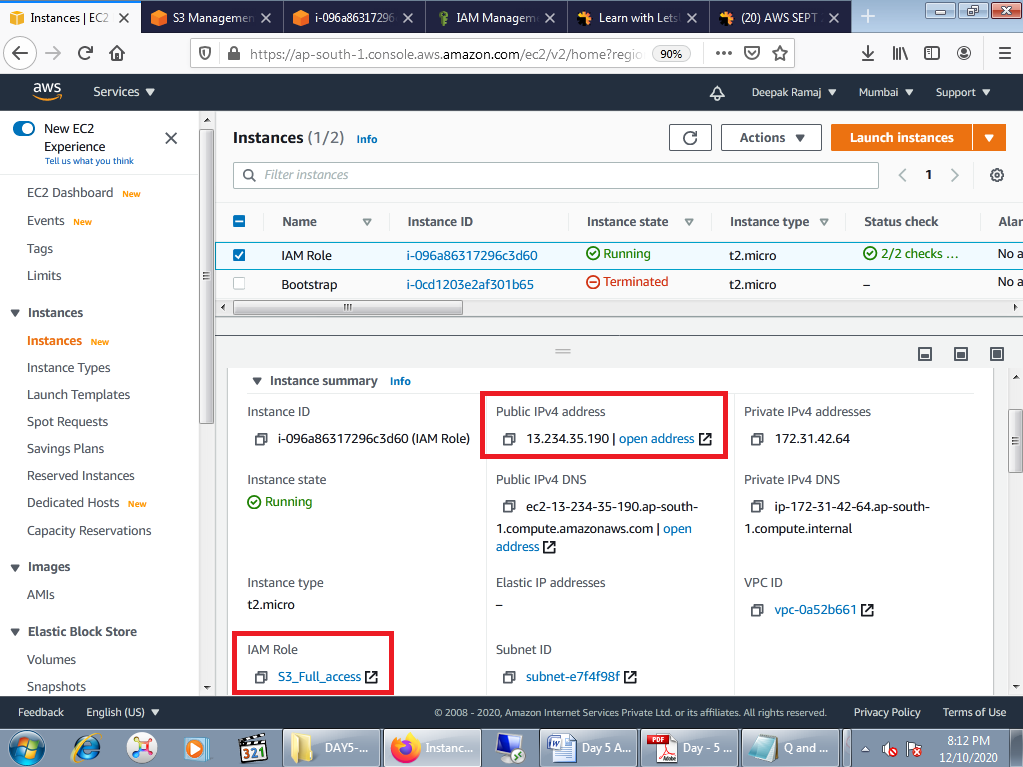


Fig. 1.2.1 EC2 Dashboard

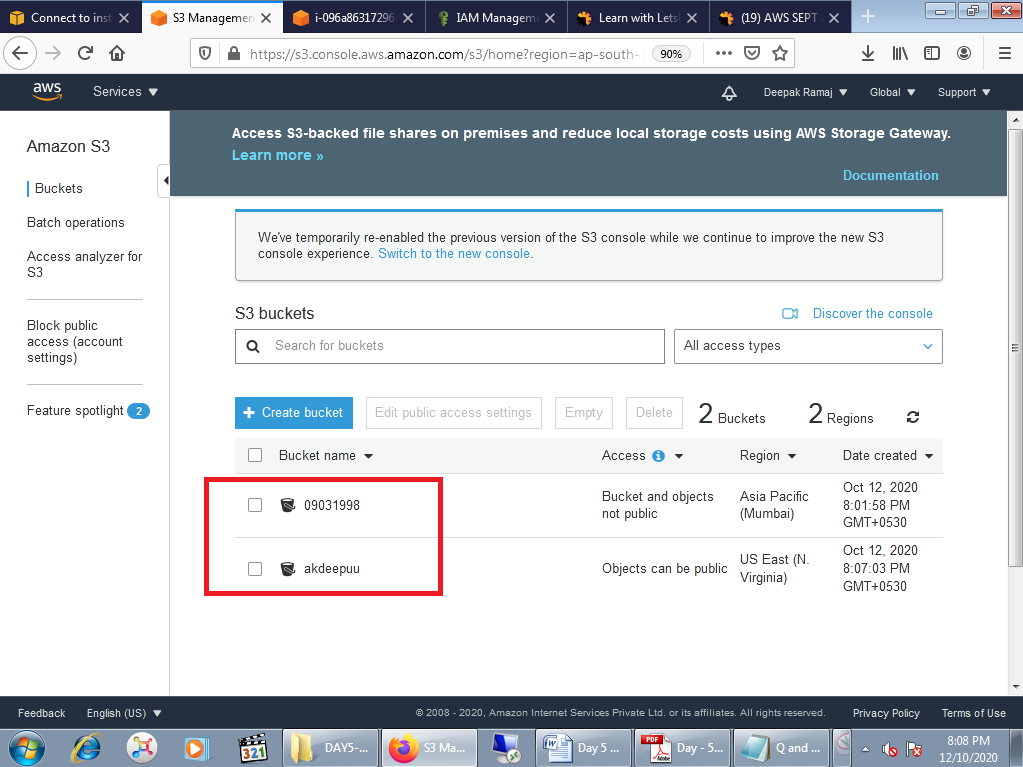


Fig. 1.2.2 Amazon S3 Bucket

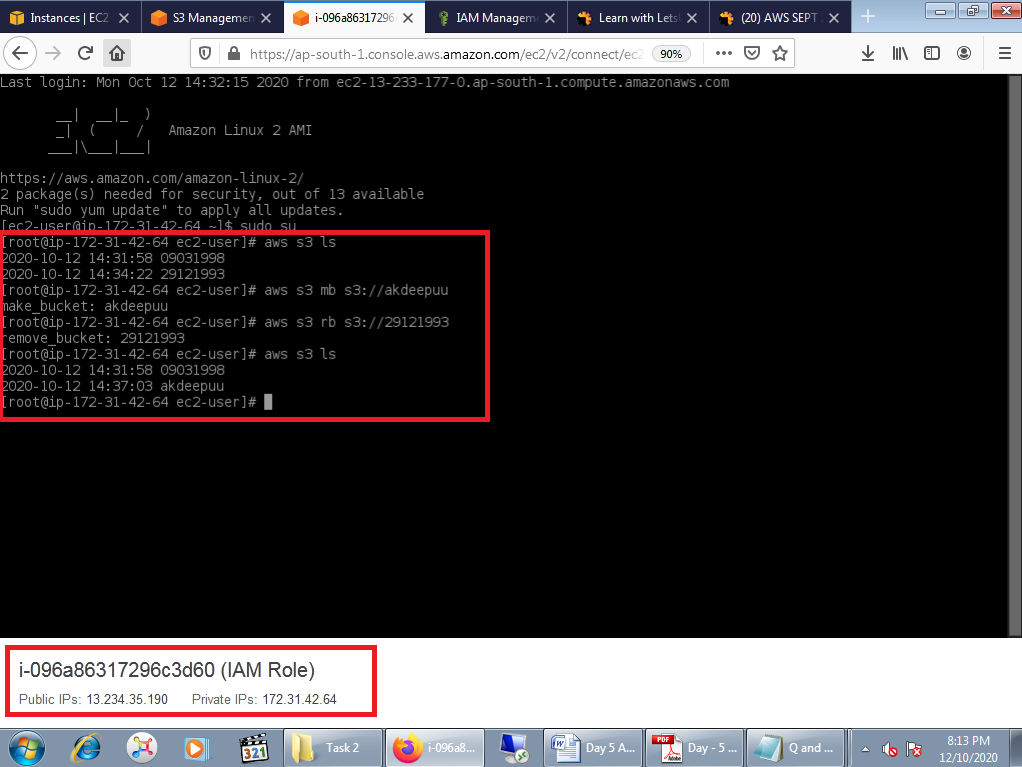


Fig. 1.2.3 Commands executed

**Task 3:** Hosting a webpage using the bootstrap script on ec2

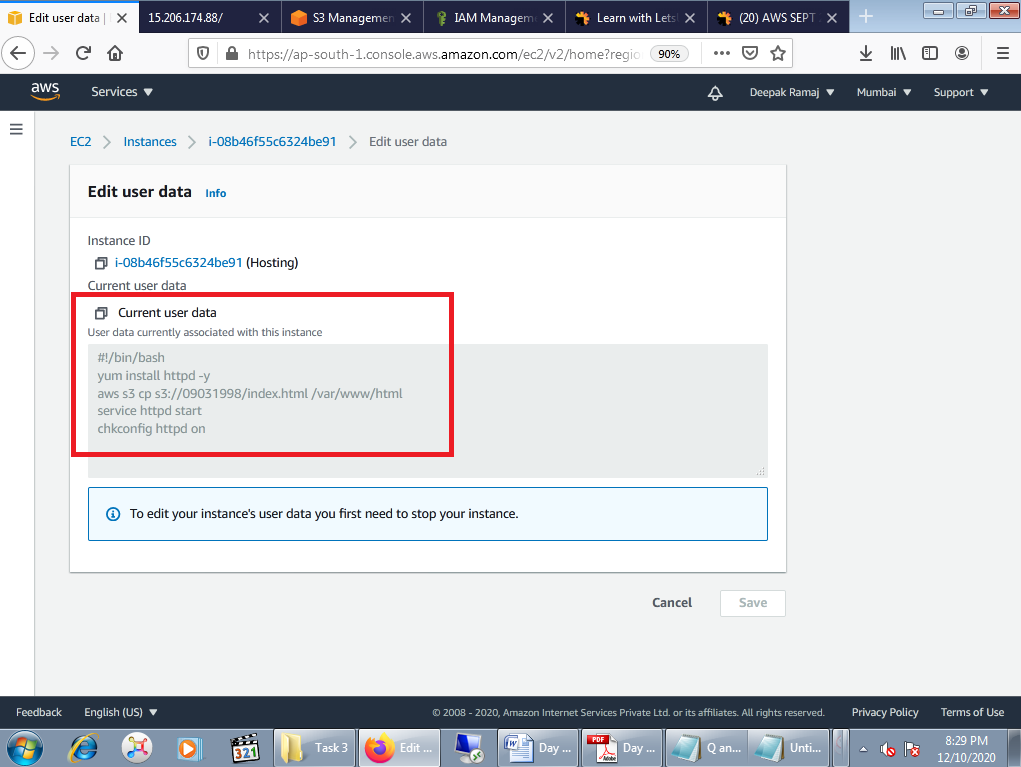


Fig. 1.3.1 User Data

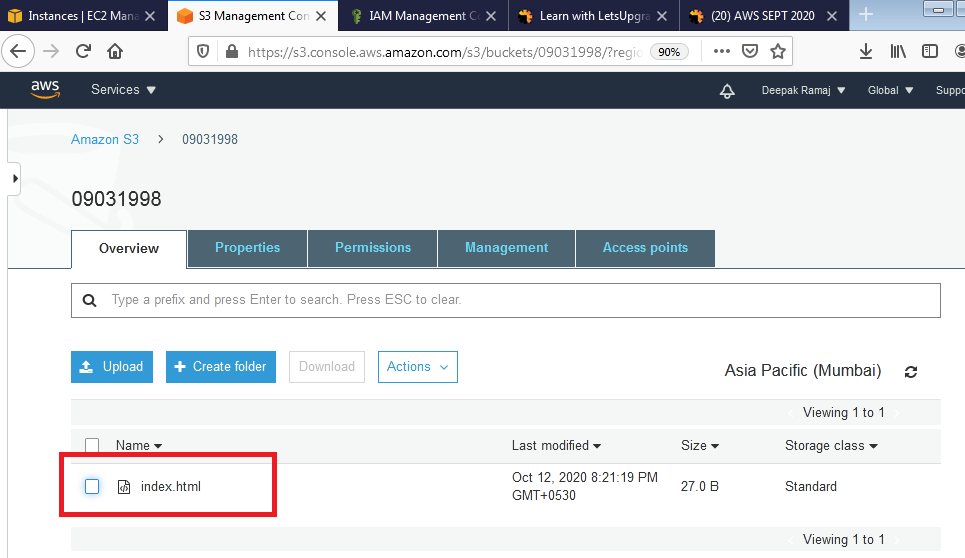


Fig. 1.3.2 Amazon S3 Bucket

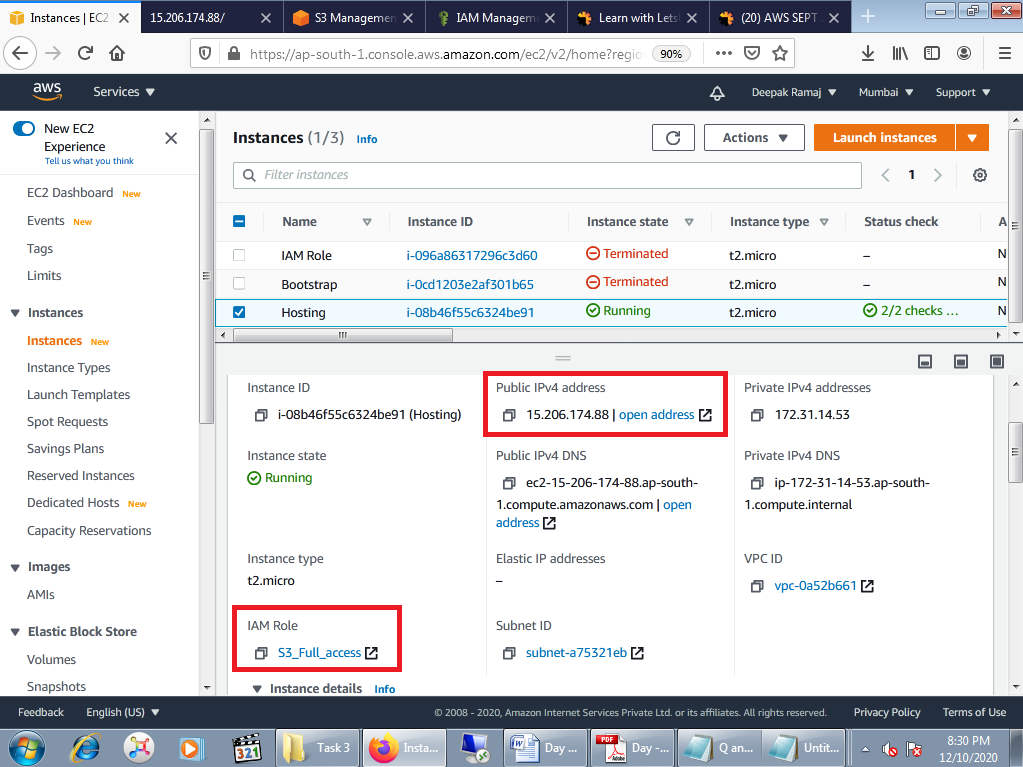


Fig. 1.3.3 EC2 Dashboard

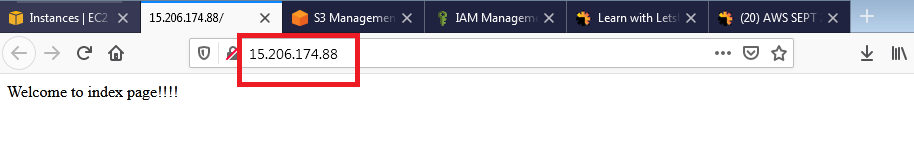


Fig. 1.3.4 index.html webpage

**PROJECT 2: Creating an EC2 instance in custom VPC**

**Task 1:** Create a VPC

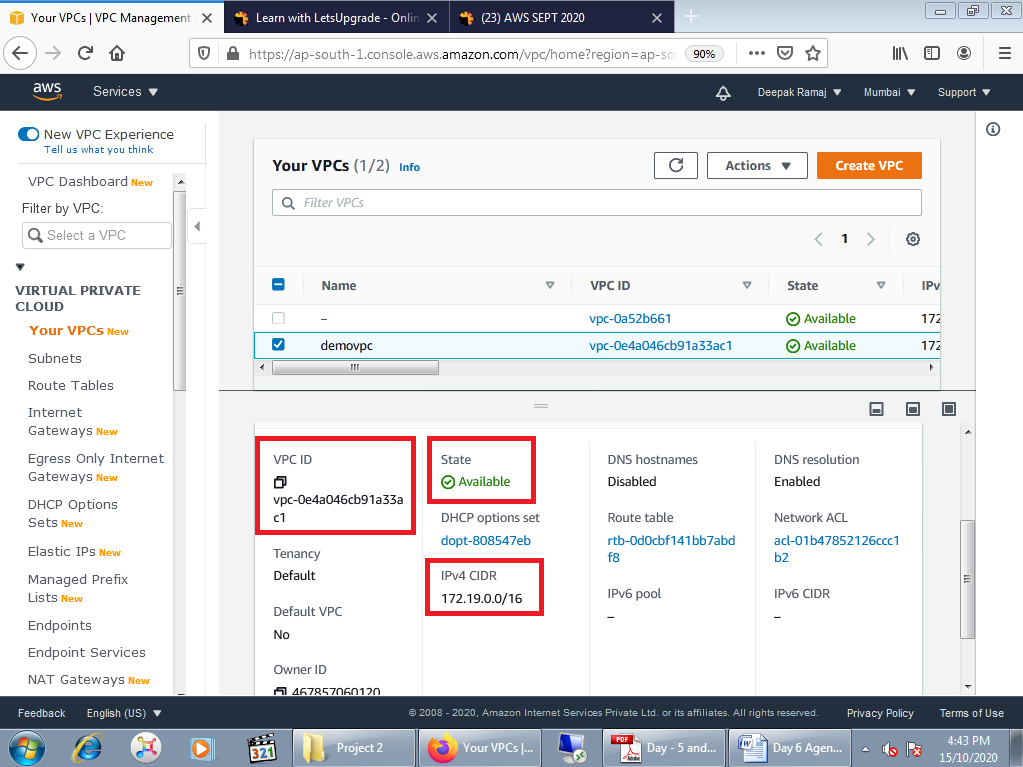


Fig. 2.1 VPC Dashboard

**Task 2:** Create an Internet gateway

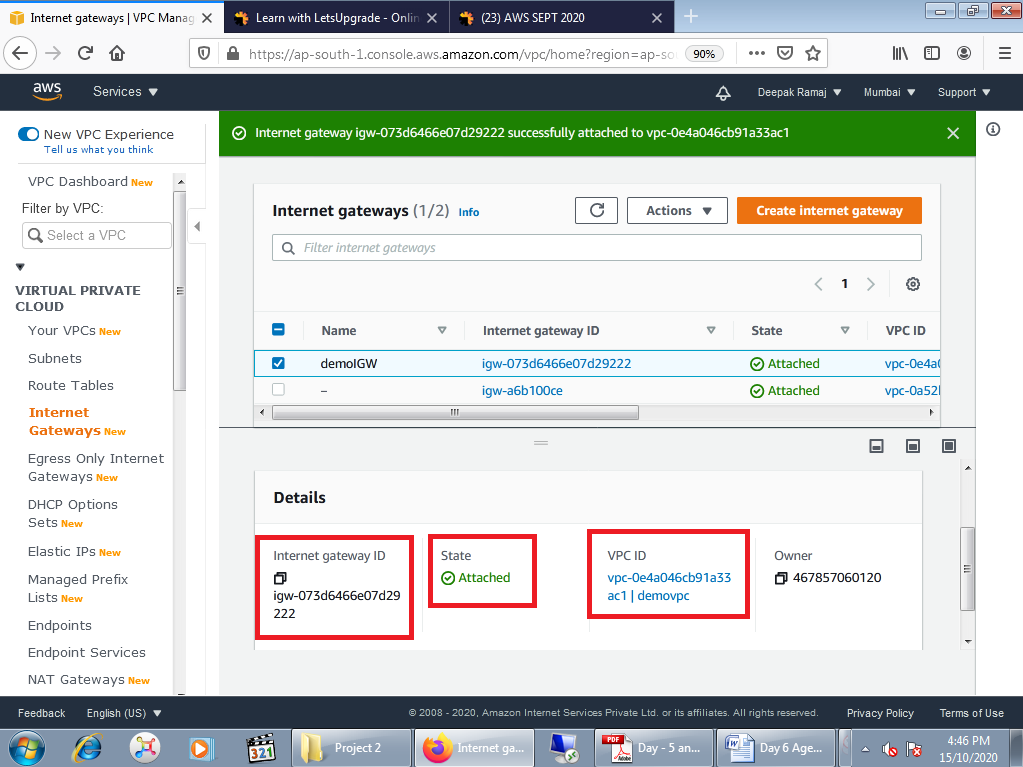


Fig. 2.2 Internet Gateway Dashboard

**Task 3:** Create a route table

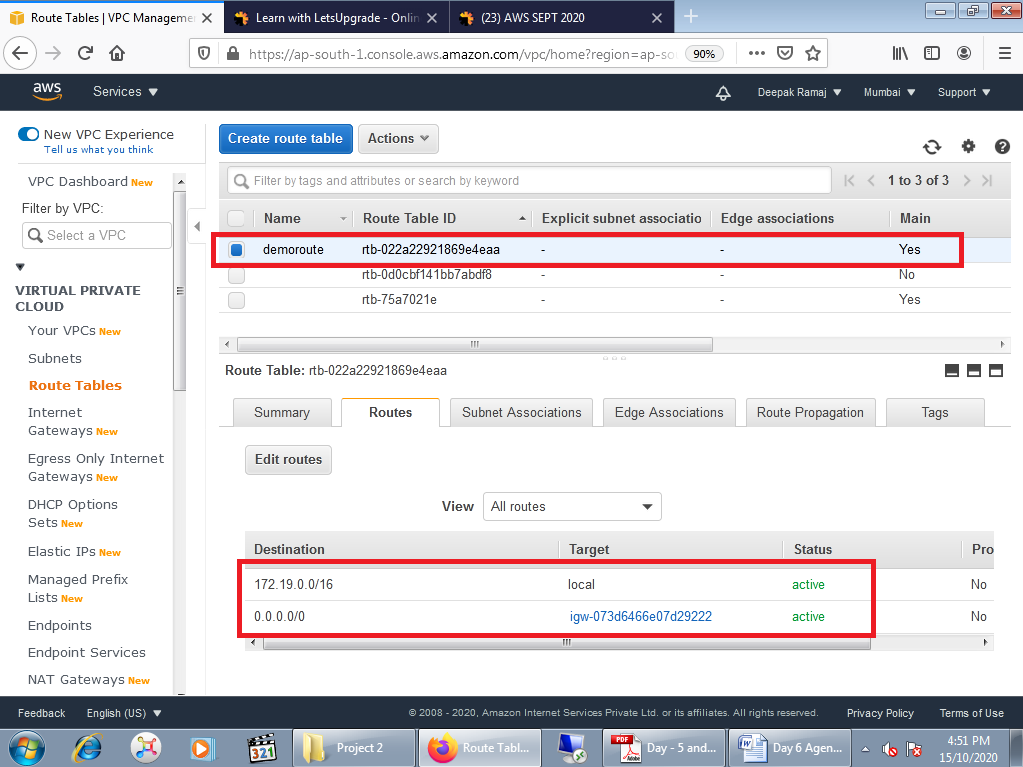
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Fig. 2.3 Route Table

**Task 4:** Create a subnet

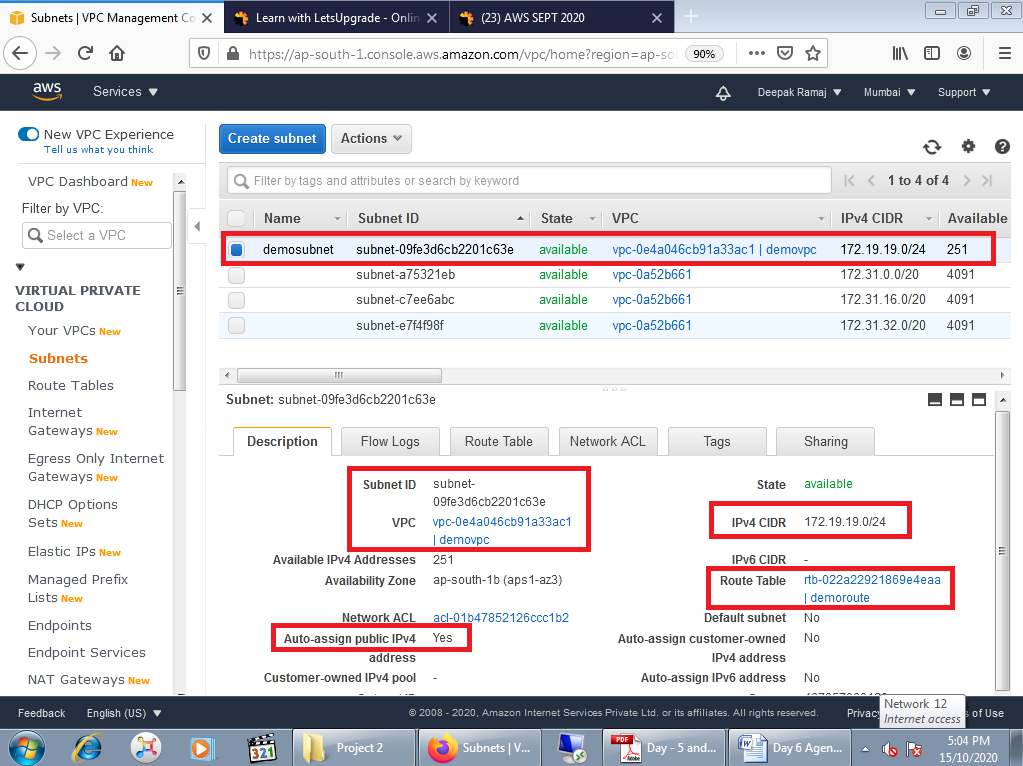


Fig. 2.4 Subnet Dashboard

**Task 5:** Create an EC2 in custom vpc

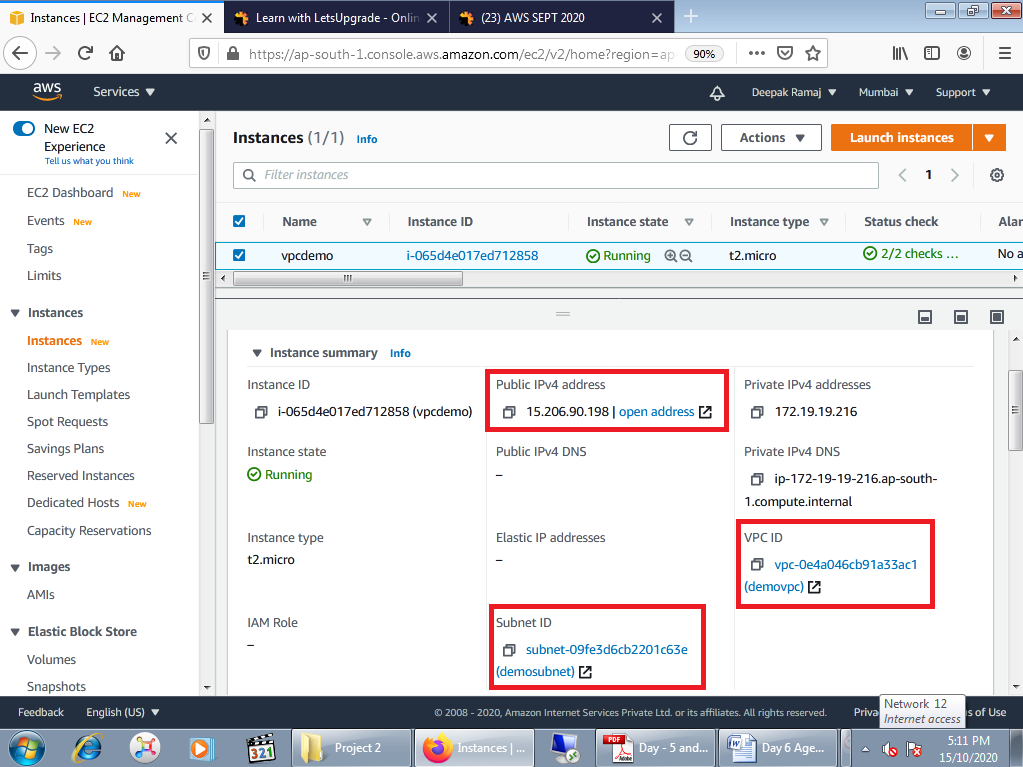


Fig. 2.5 EC2 Dashboard

**Task 6:** Check ipconfig in VM command prompt

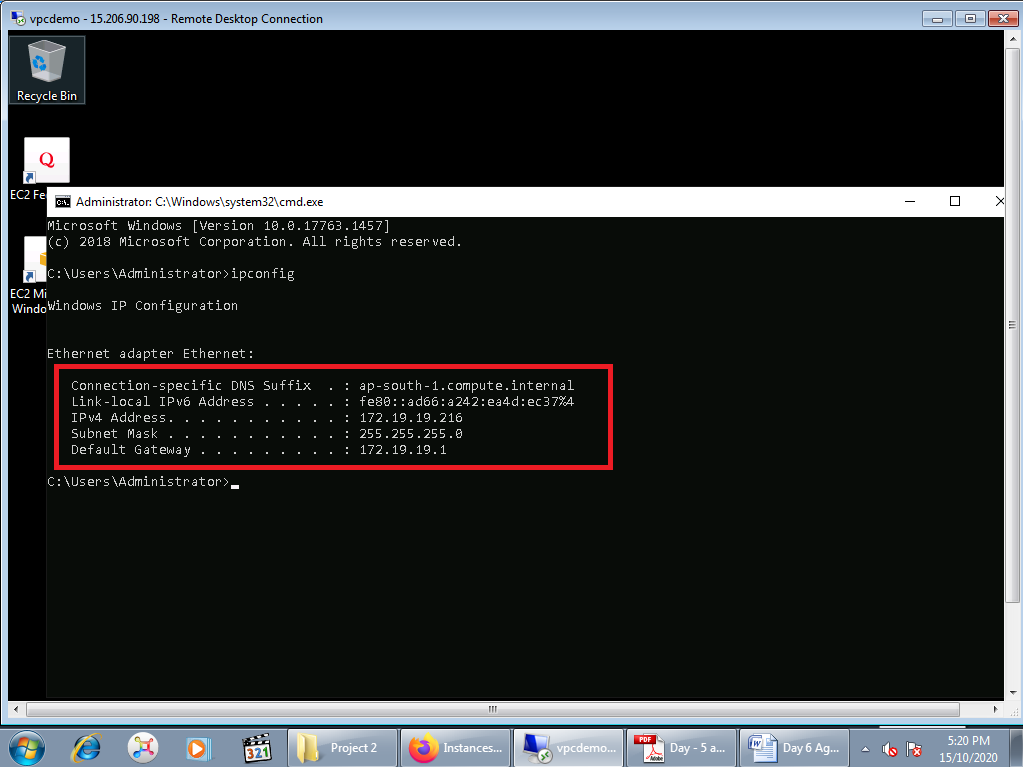


Fig. 2.6ipconfig command