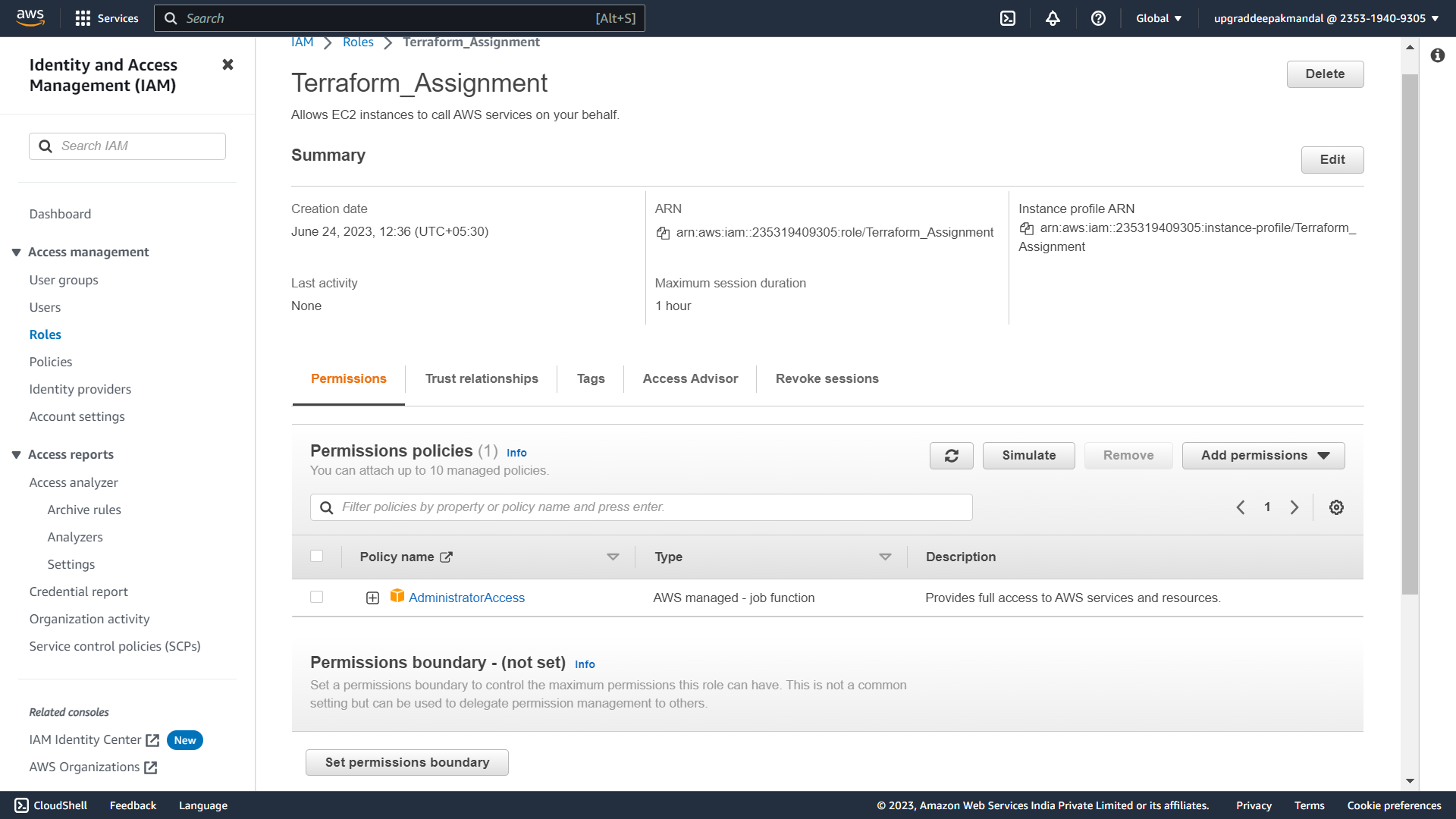
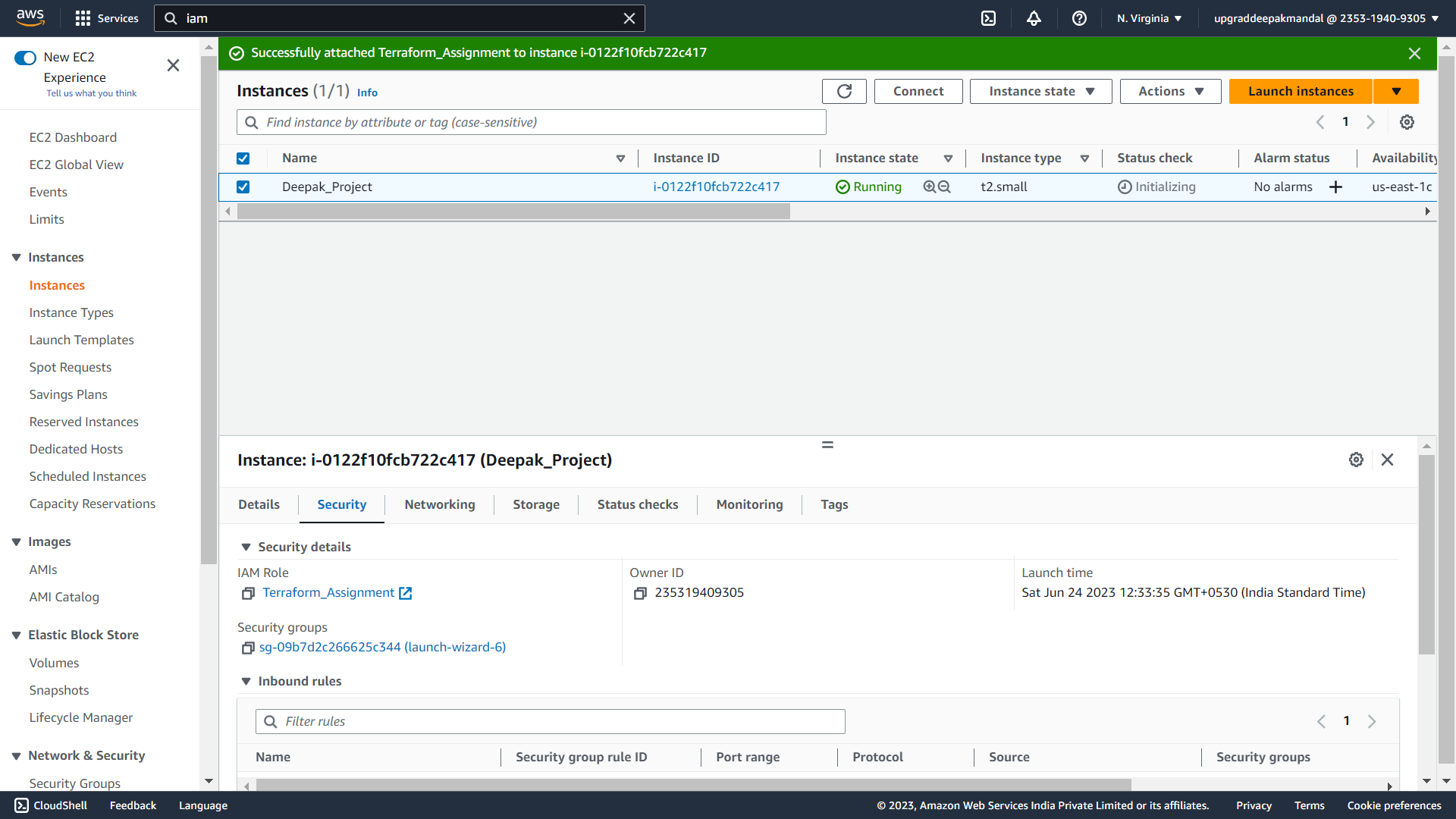
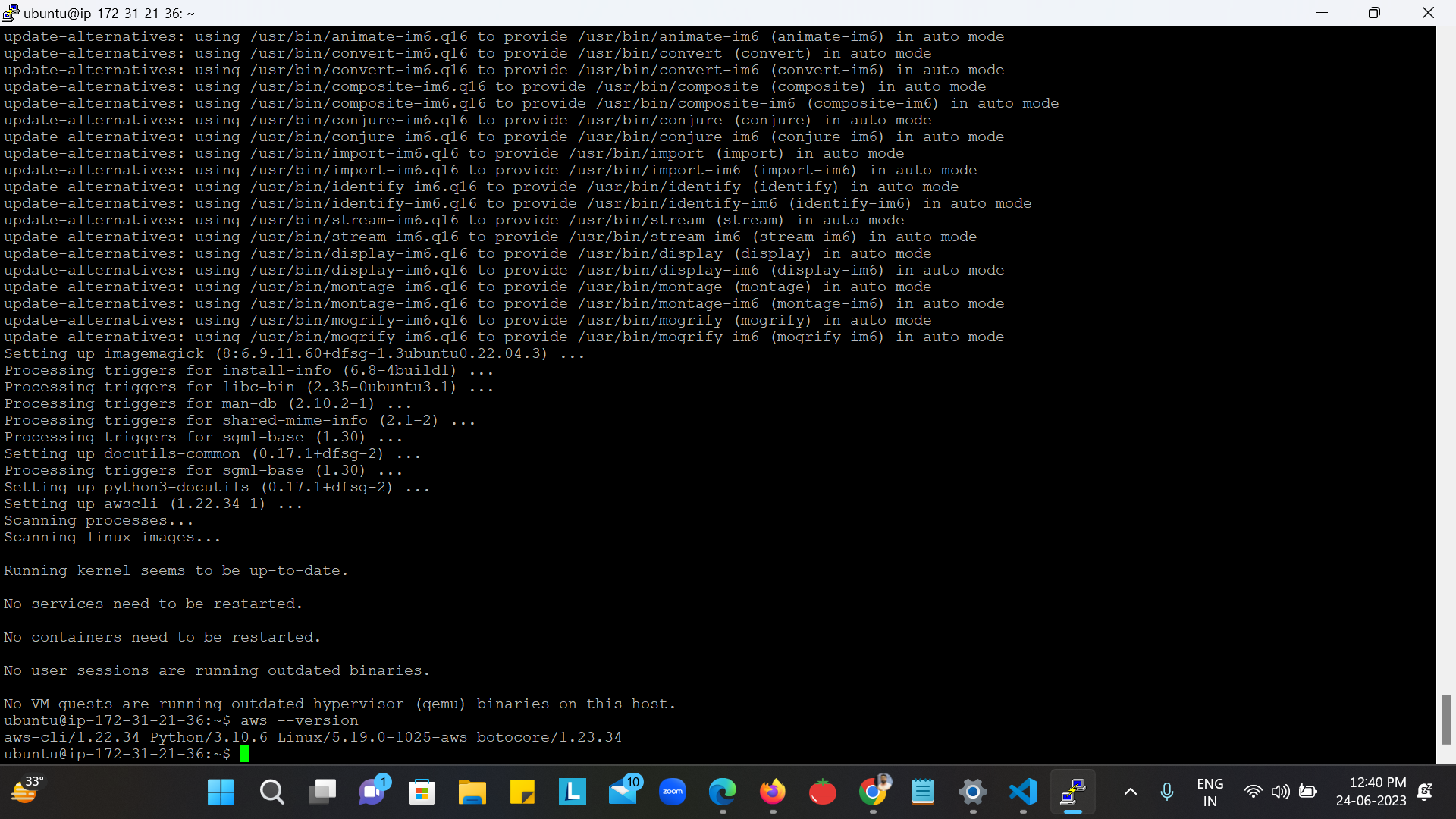
**IAM role Admin access policy:**



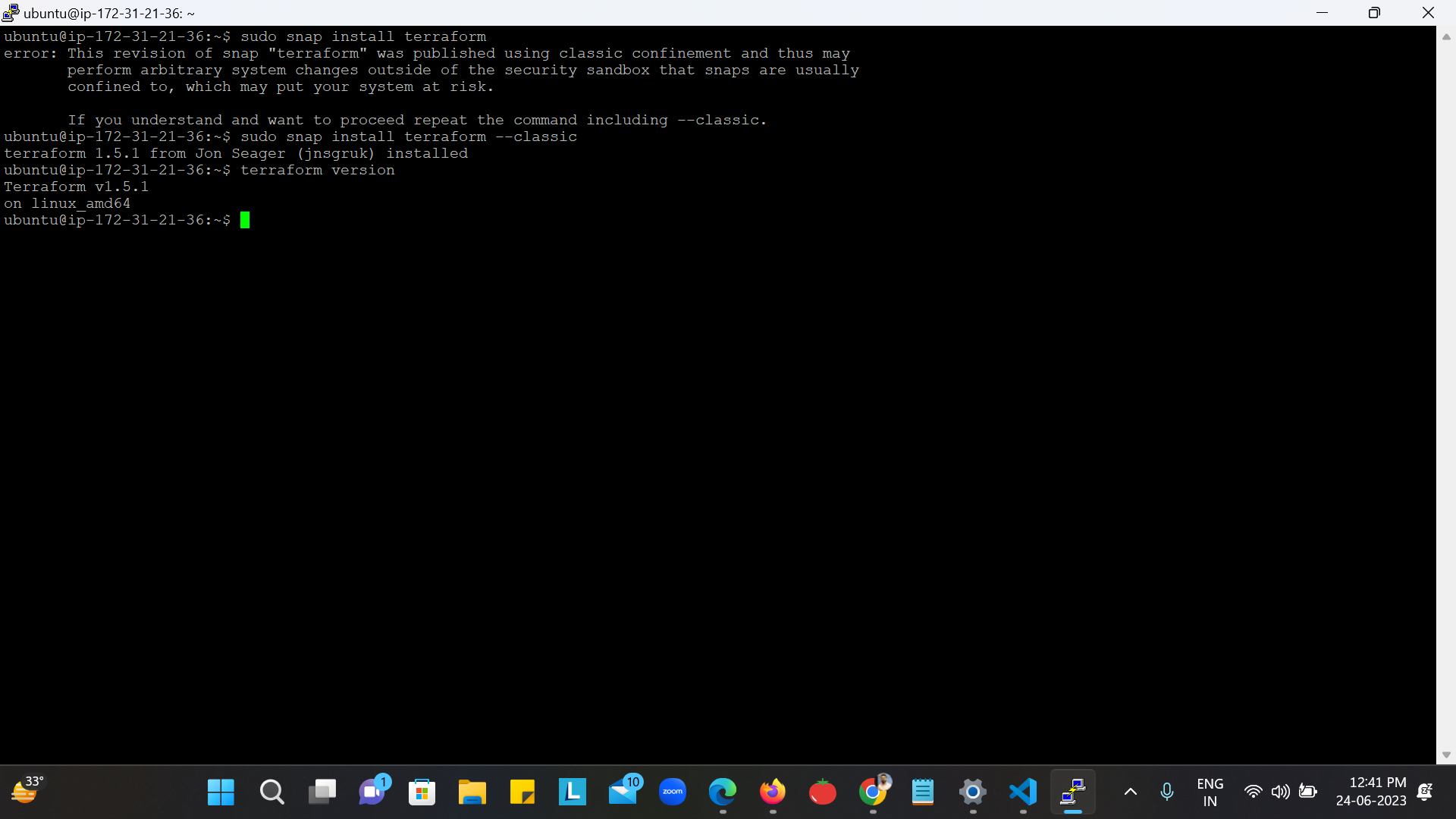
**Ubuntu EC2 -t2.small with attached IAM role:**



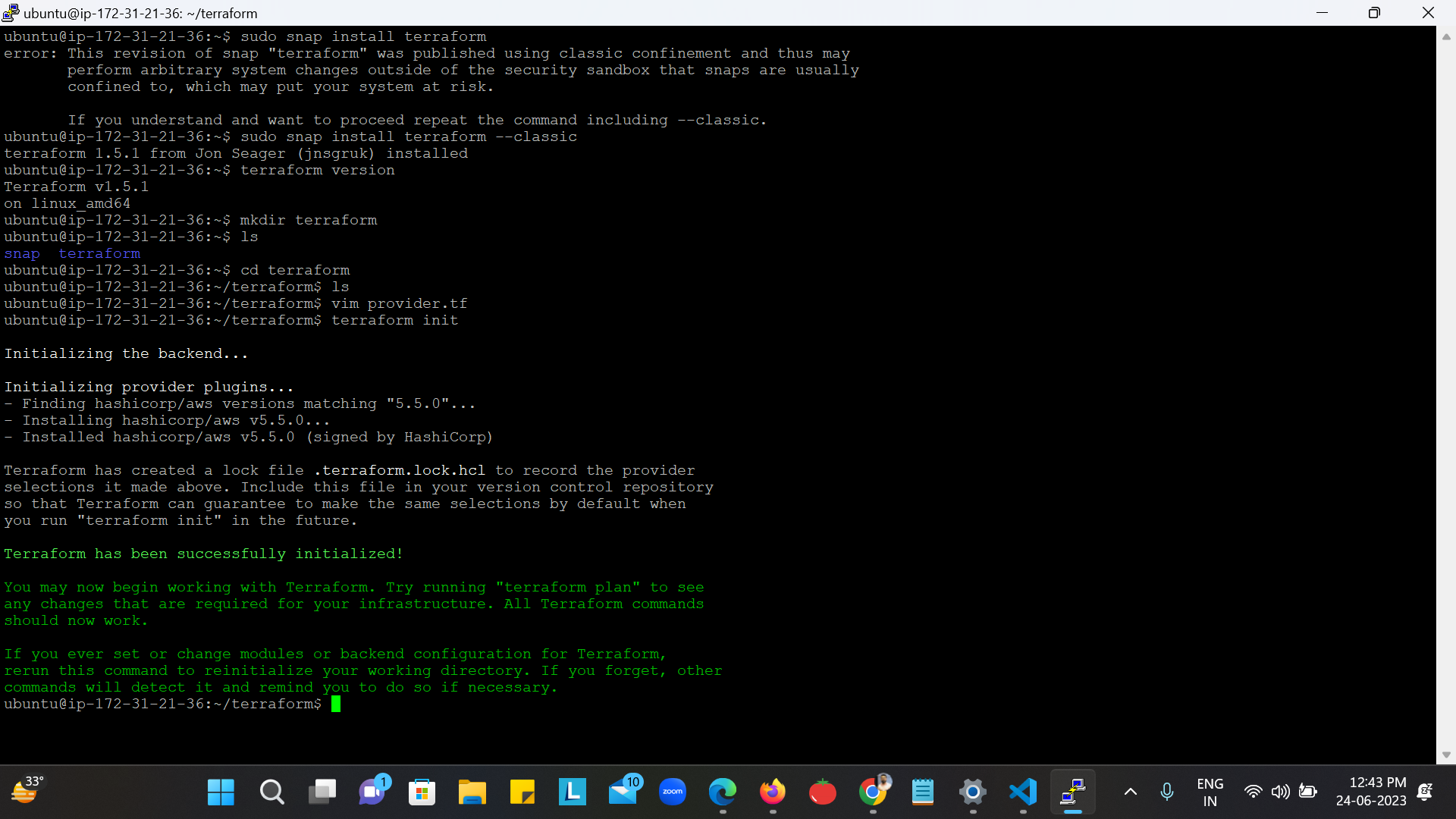
**AWS CLI Installed:**



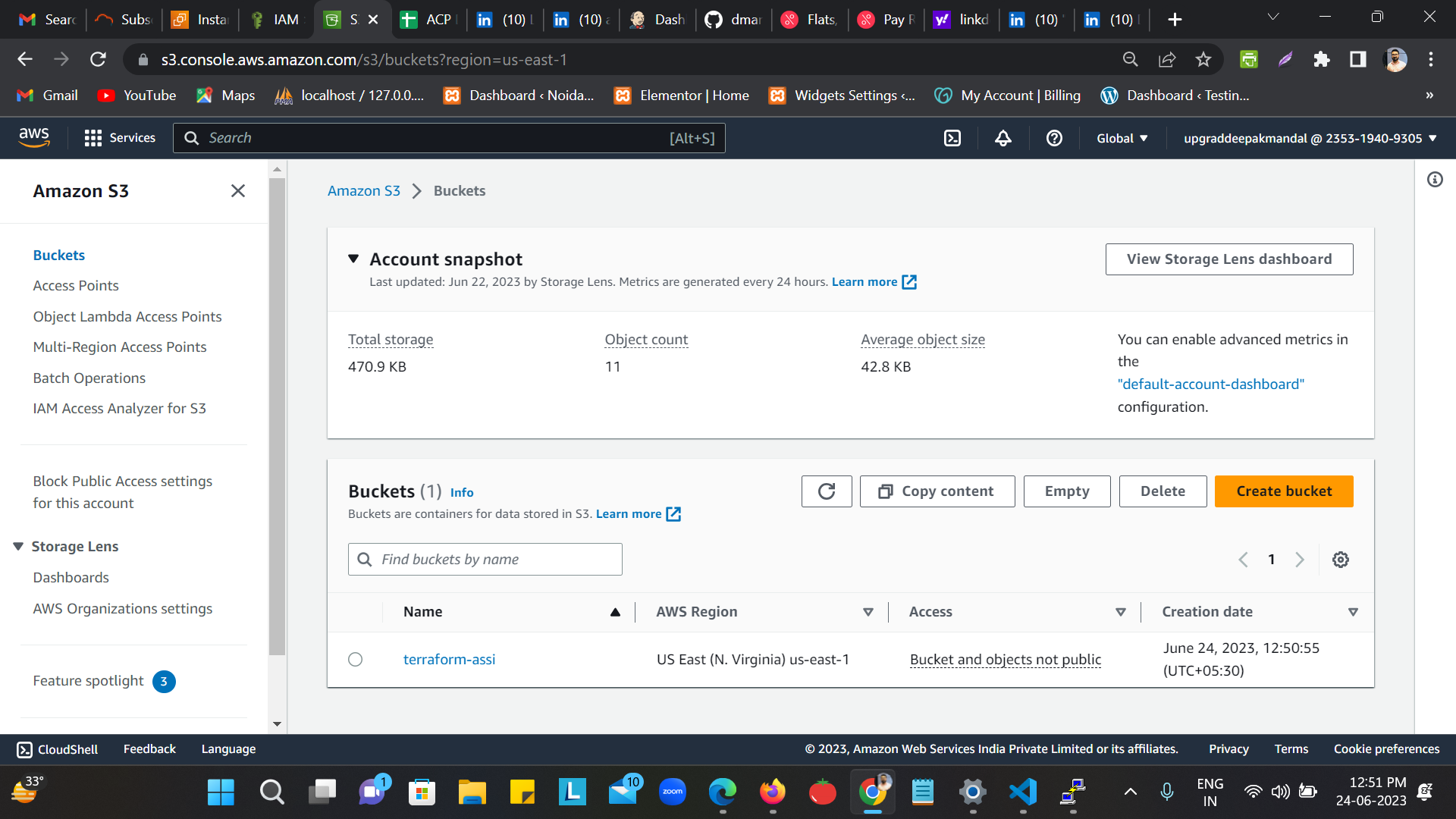
**Terraform installed:**



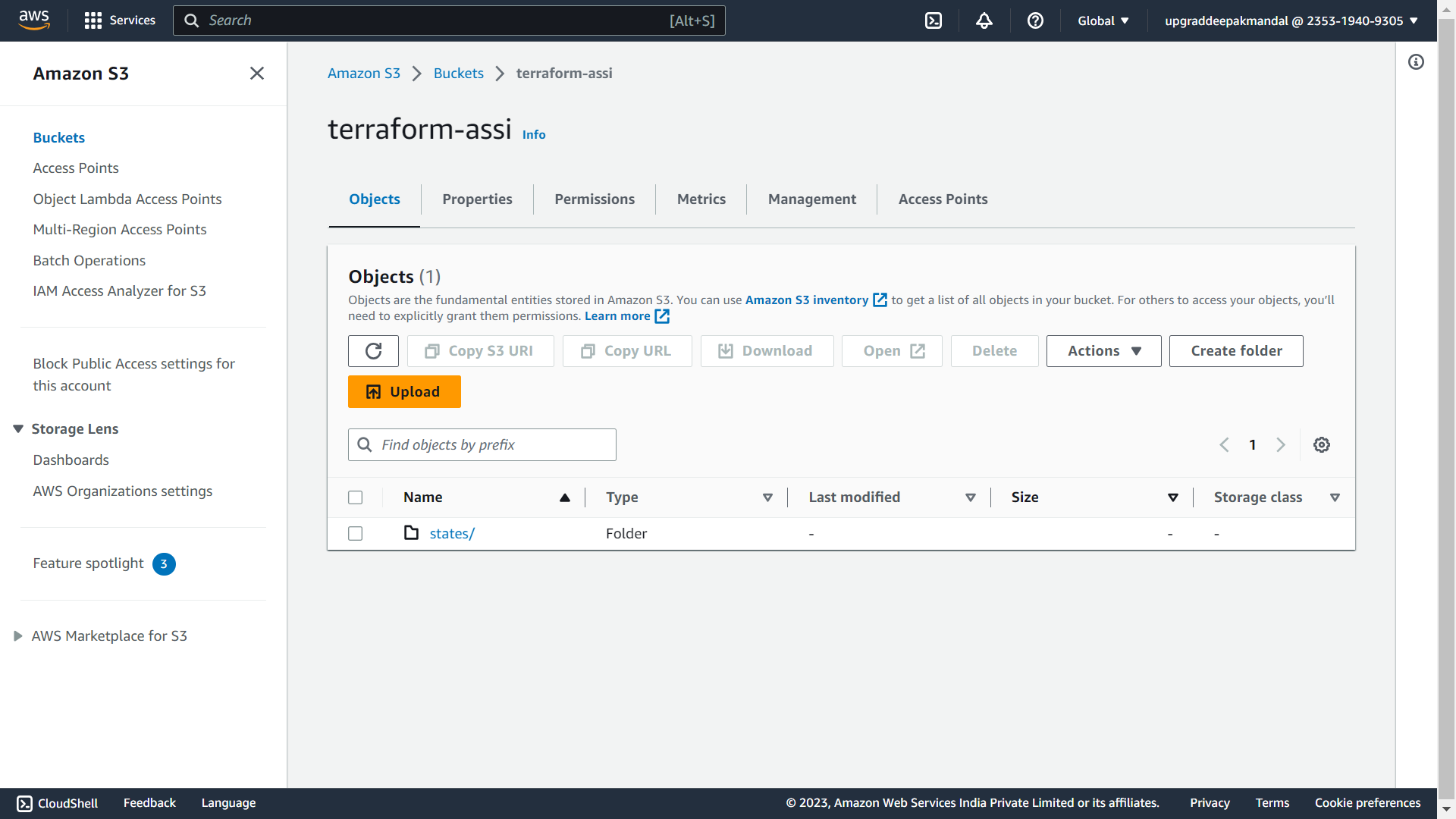
**Terraform Initialization:**



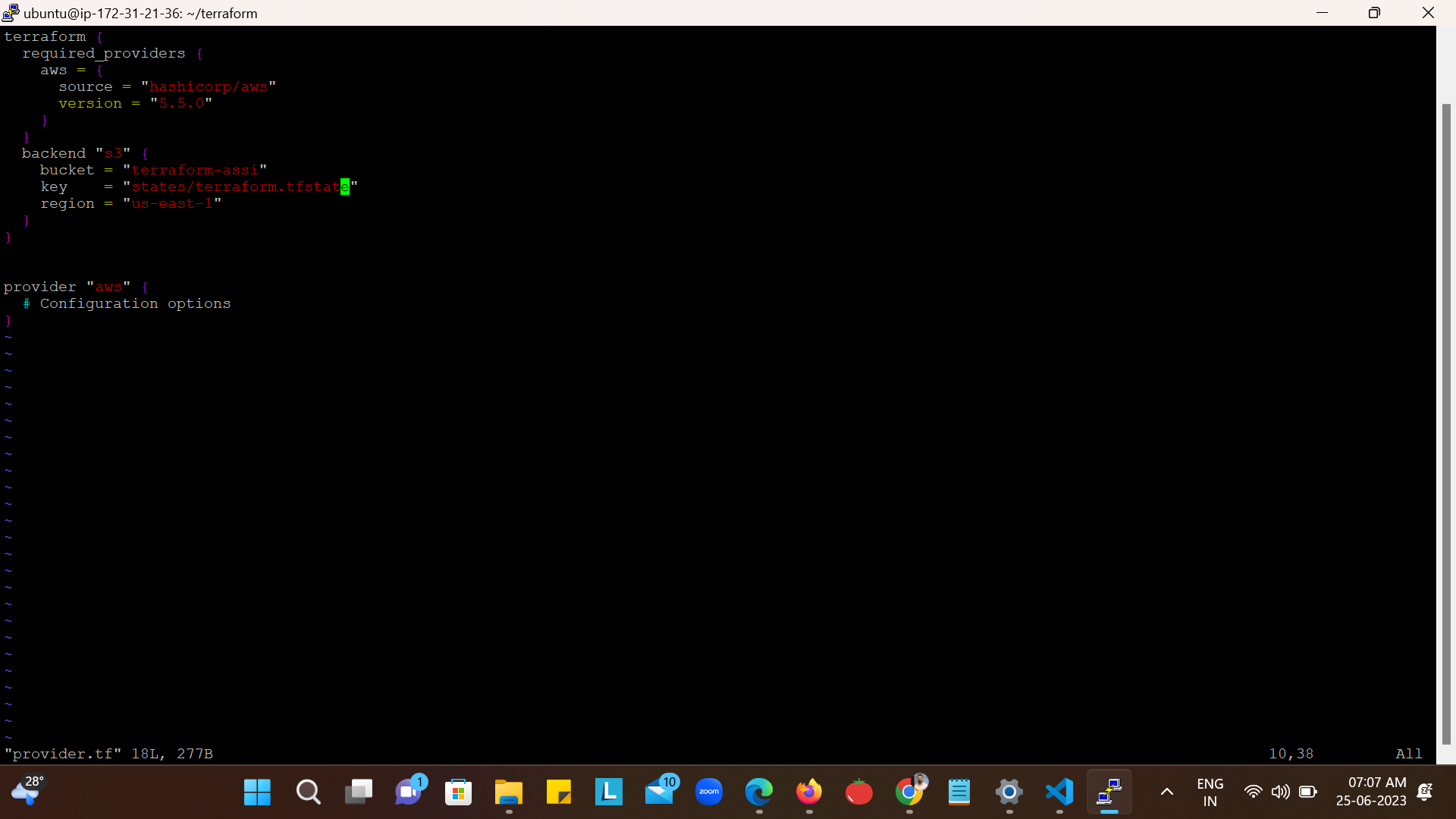
**S3 Bucket:**



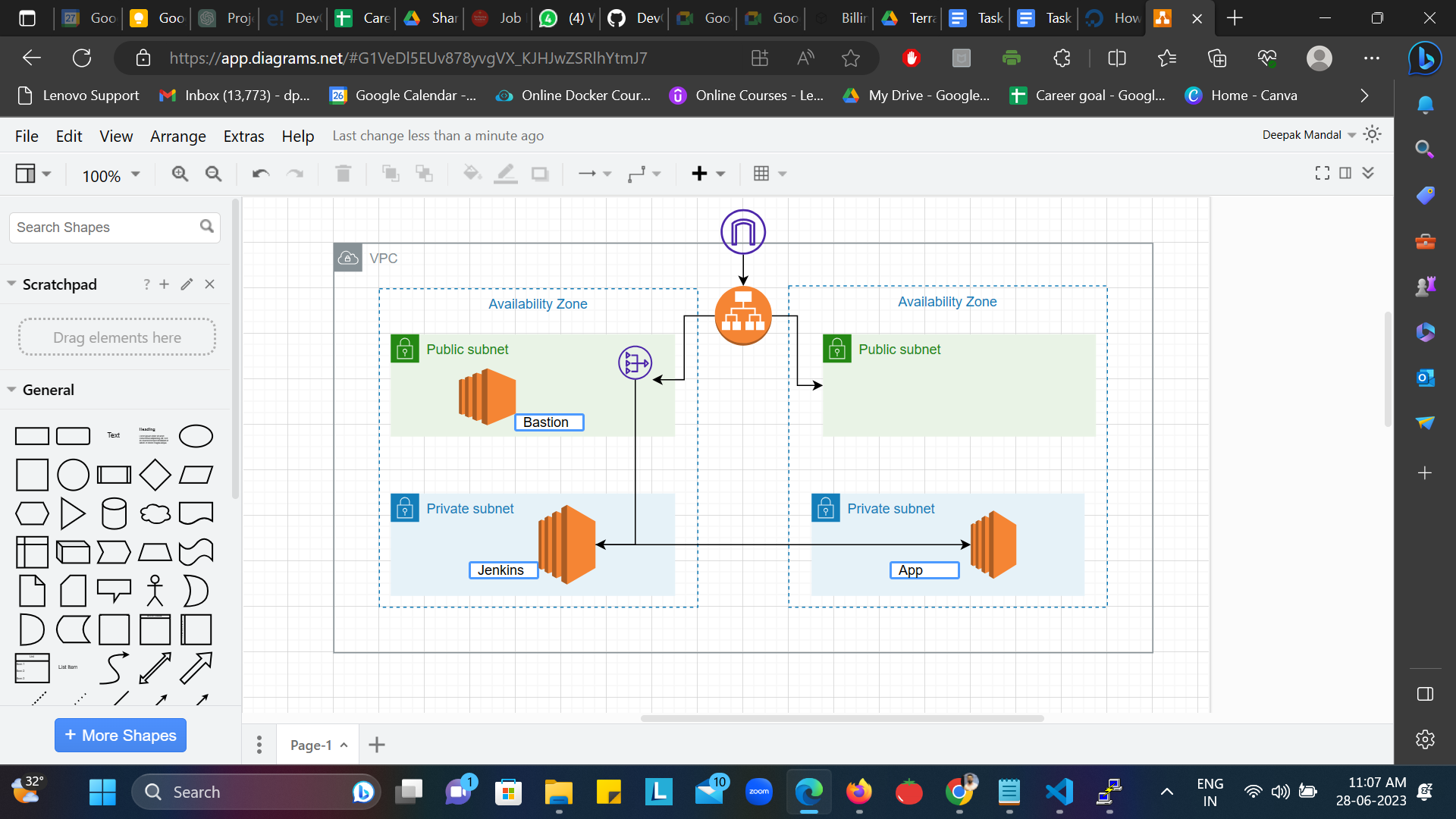
**Tf state file in s3 bucket:**



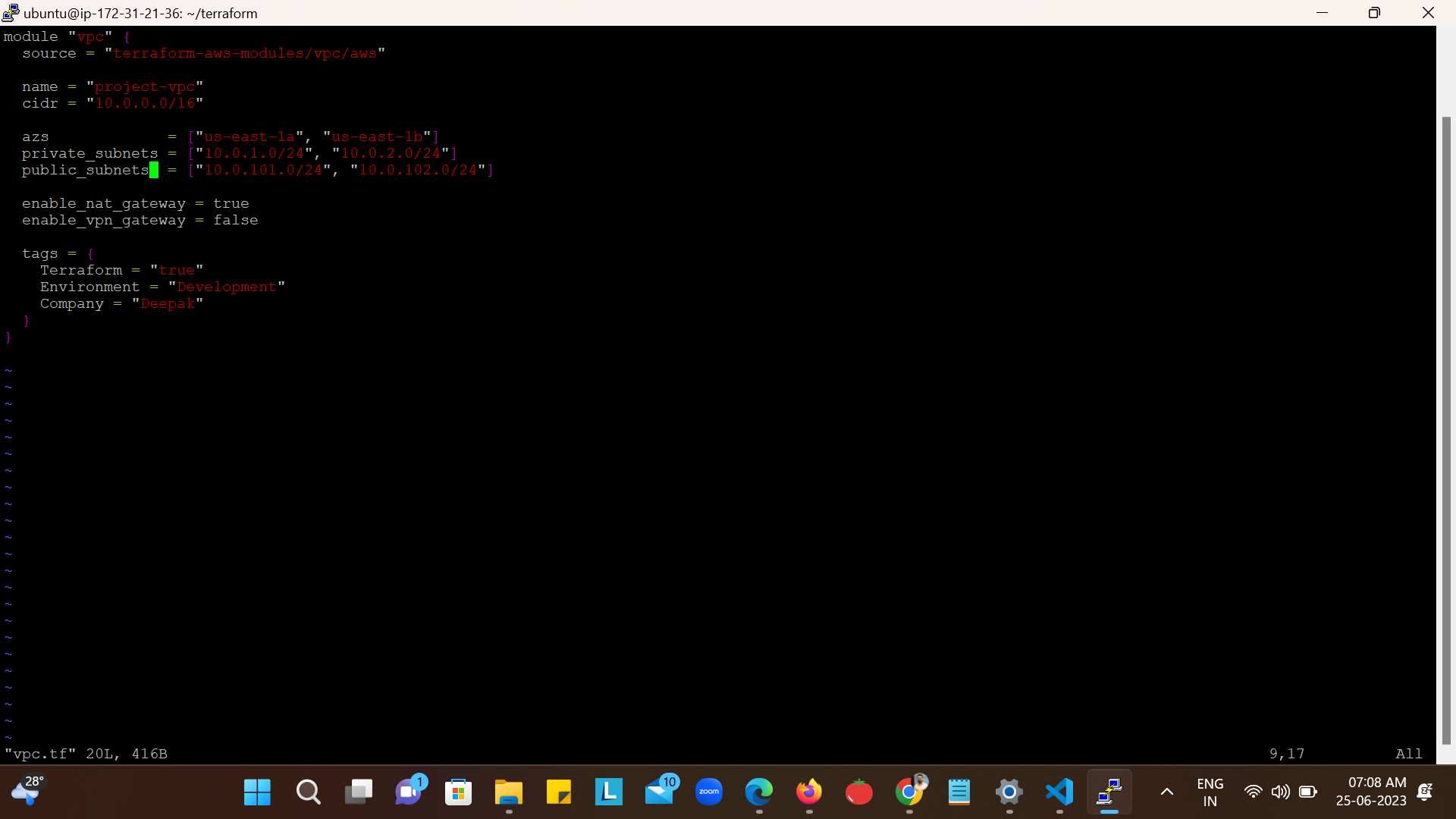
**provider.tf file:**

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**VPC architecture diagram:**

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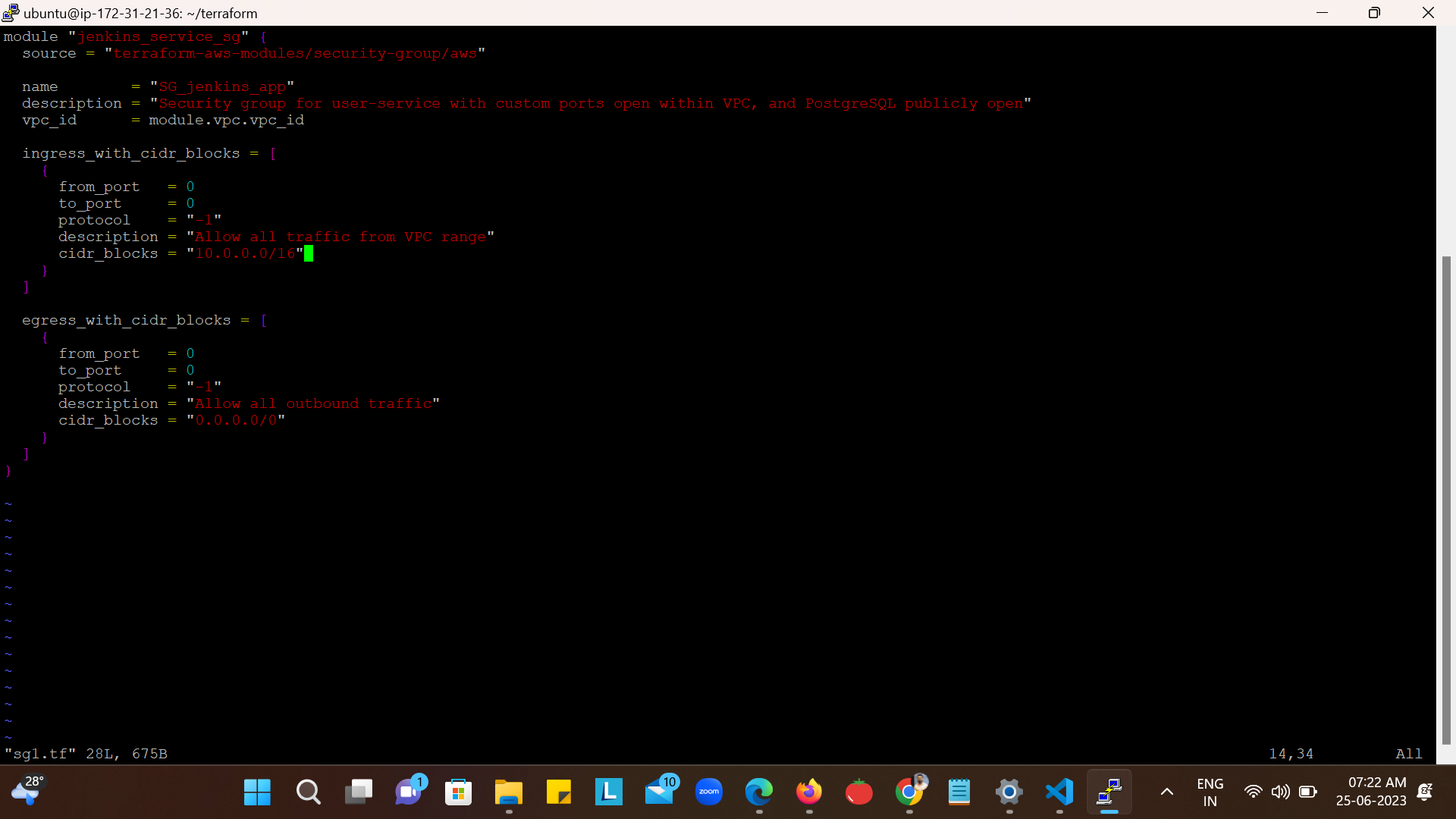
**vpc.tf file:**

****

**Bastion SG:**

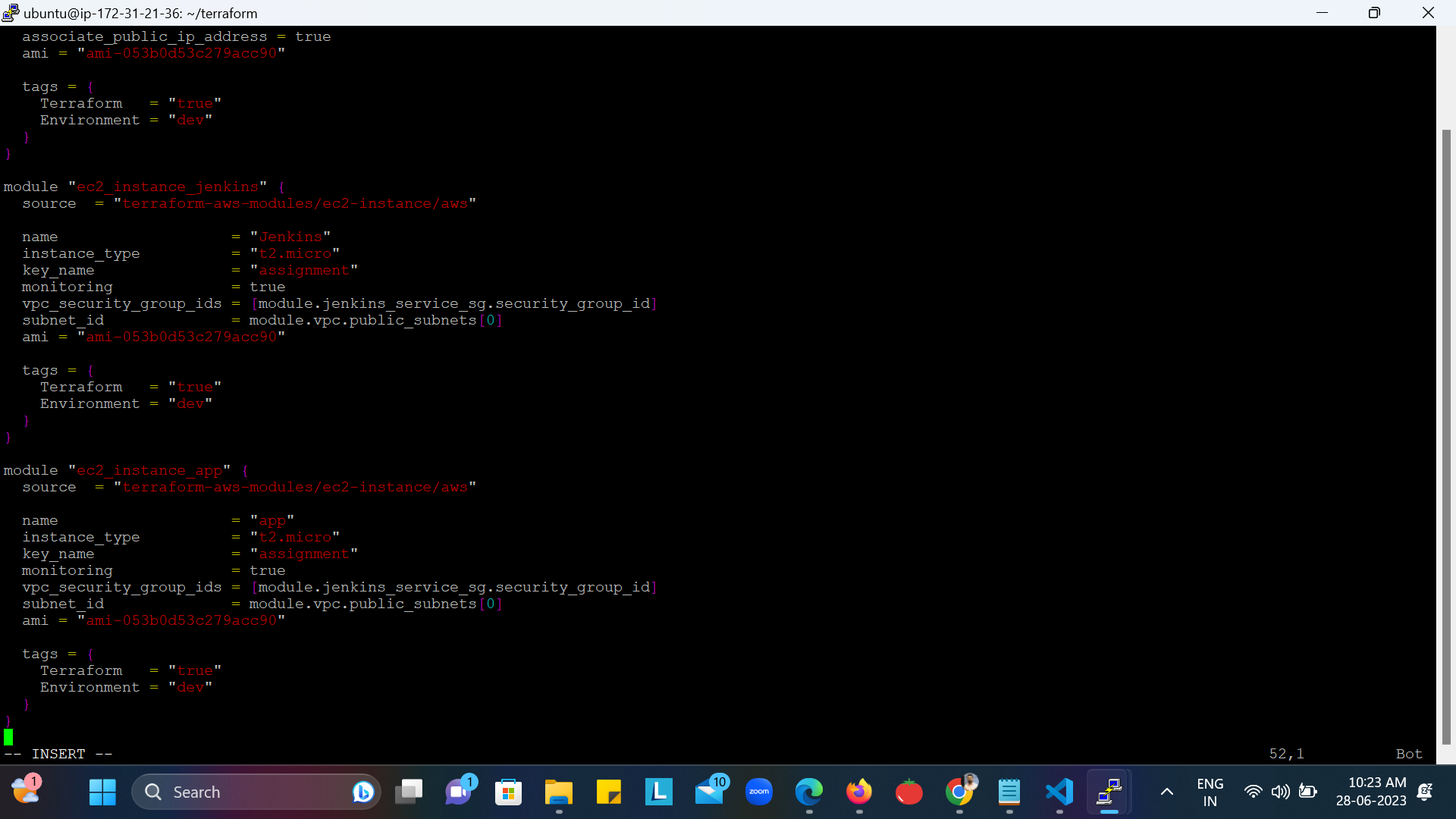
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**Jenkins and app SG:**

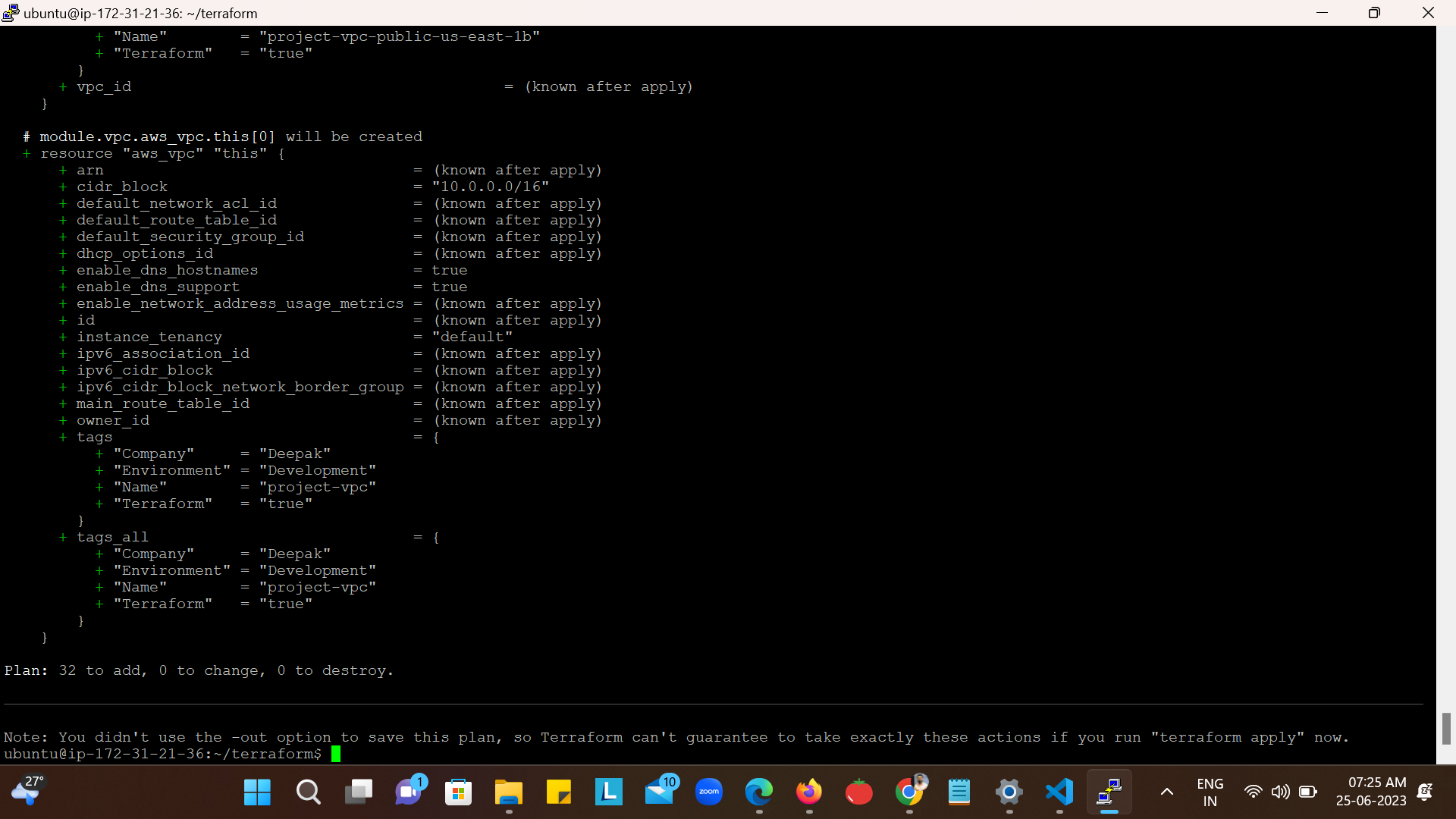
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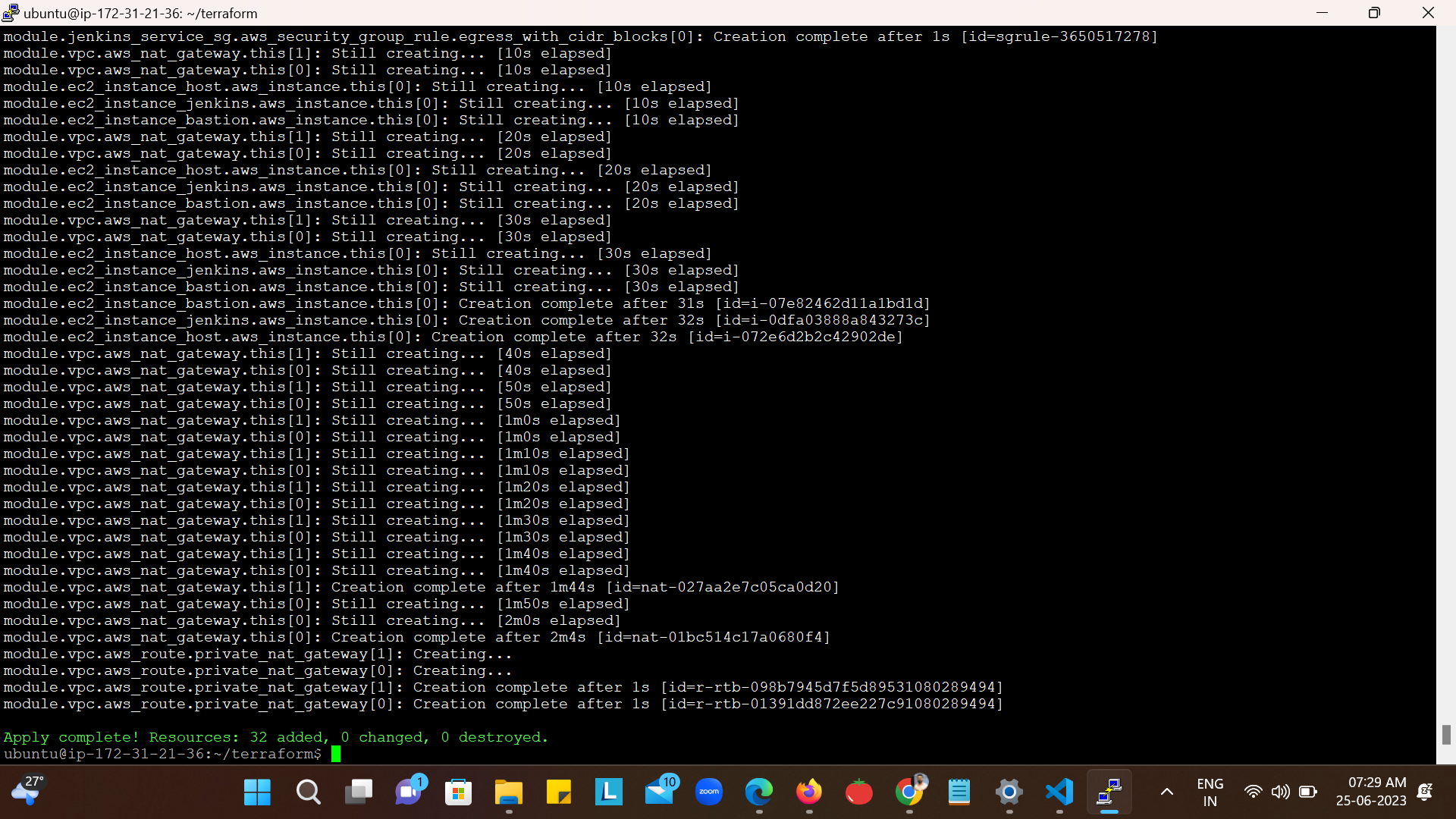
**ec2.tf file:**

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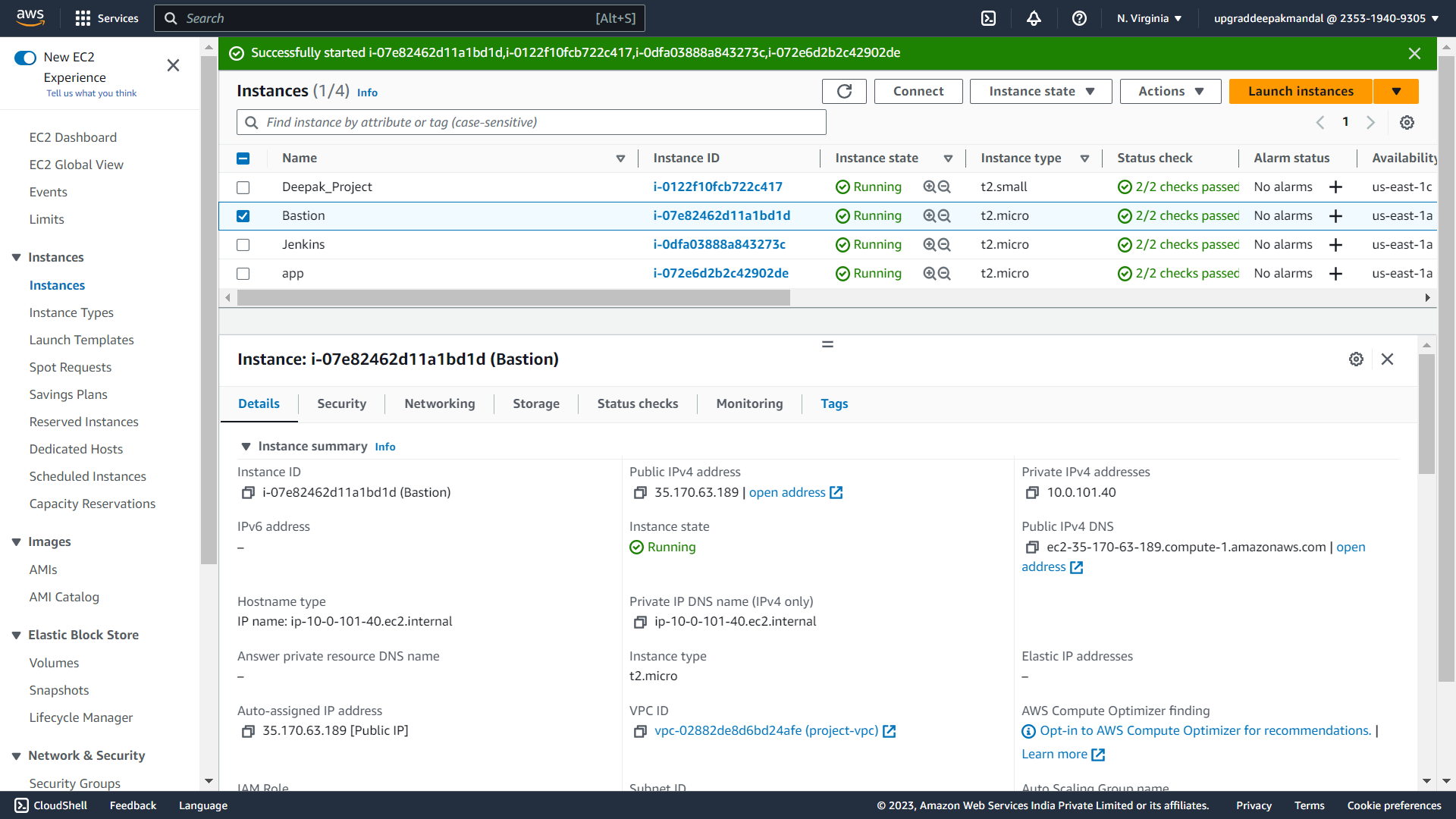
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**Terraform plan and apply:**

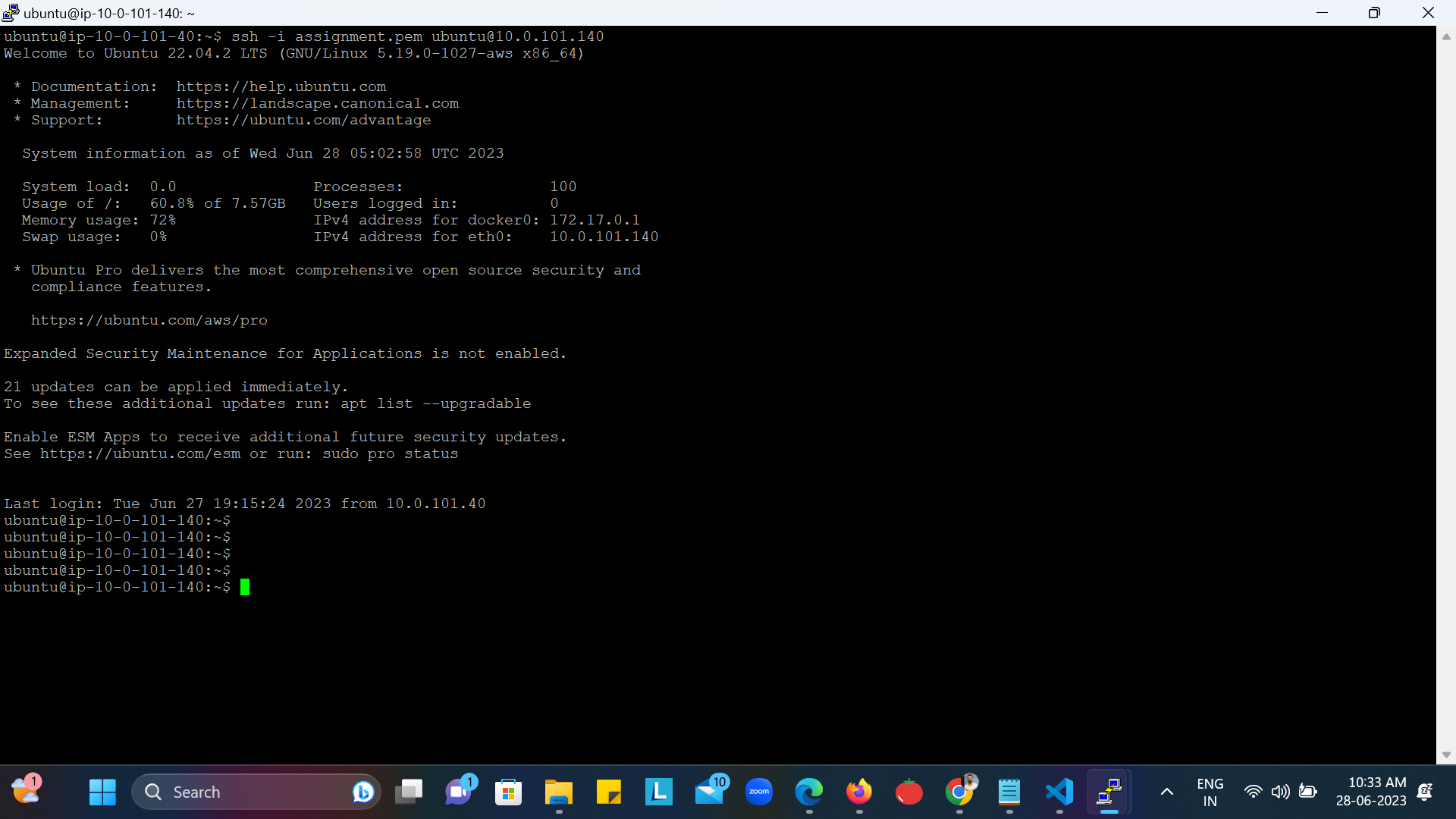
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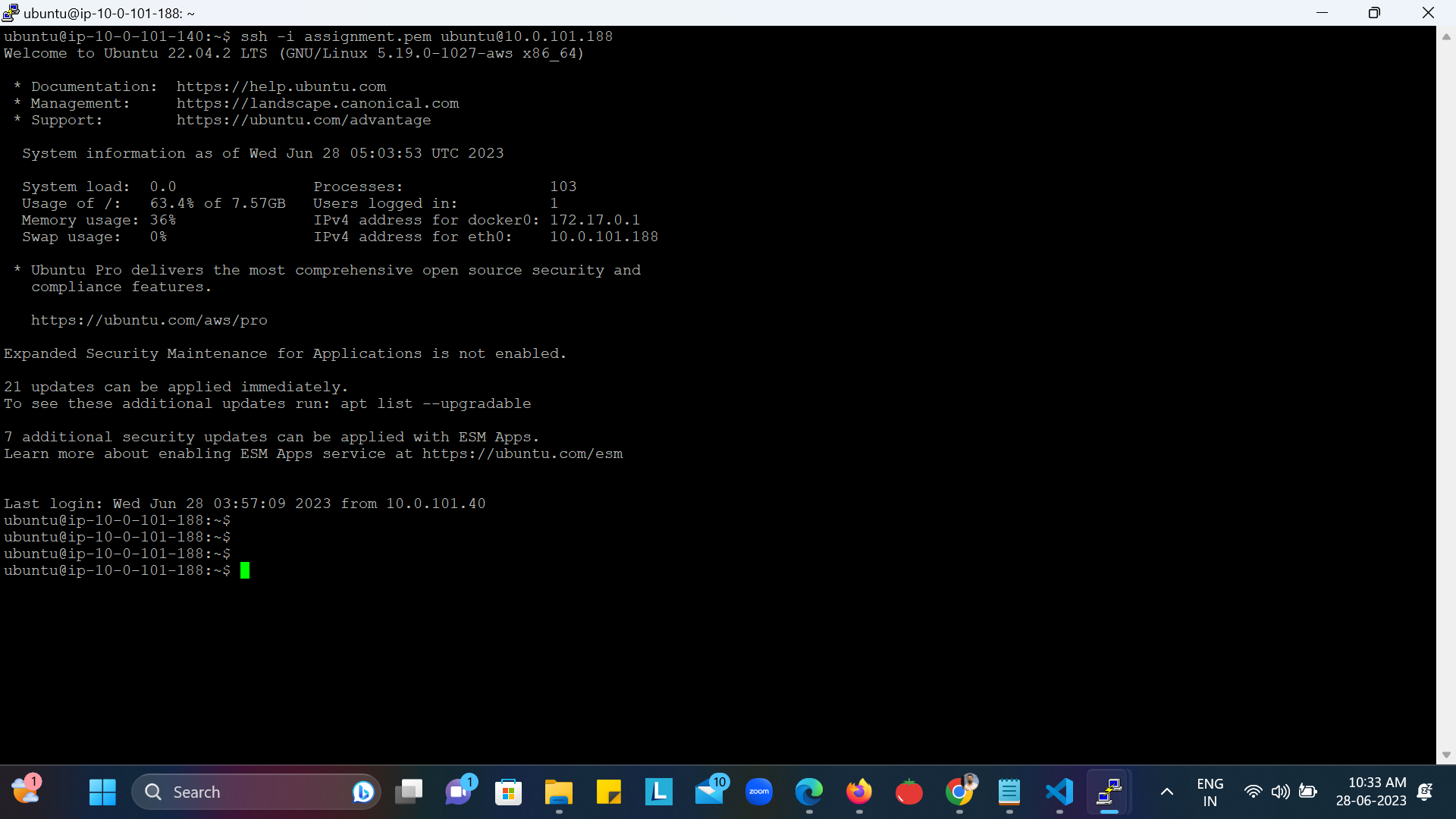
**Created Ec2 Instances:**

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**SSH from bastion to Jenkins:**

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**SSH from Jenkins to App:**

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