1. Create one VPC in N.virginia region.

A screenshot of a computer

AI-generated content may be incorrect.

1. Create two subnets. One Public subnet and one private subnet.

A screenshot of a computer

AI-generated content may be incorrect.

1. Provide the IGW to the vpc.

A screenshot of a computer

AI-generated content may be incorrect.

1. Create One public RT and one private RT.

A screenshot of a computer

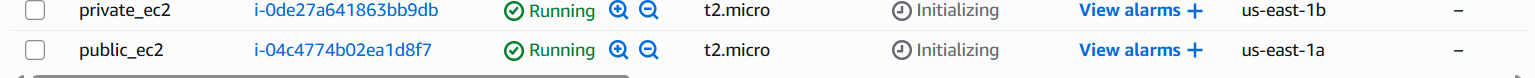
AI-generated content may be incorrect.

1. Deploy NAT gateway on public subnet and attach the NAT gatewat to private subnet.

A screenshot of a computer

AI-generated content may be incorrect.

1. Create Two instances,one in public subnet and one in private subnet.



1. Deploy Apache server on both the ec2 instances with sample index.html file.

A computer screen with numbers

AI-generated content may be incorrect.

A black screen with white text

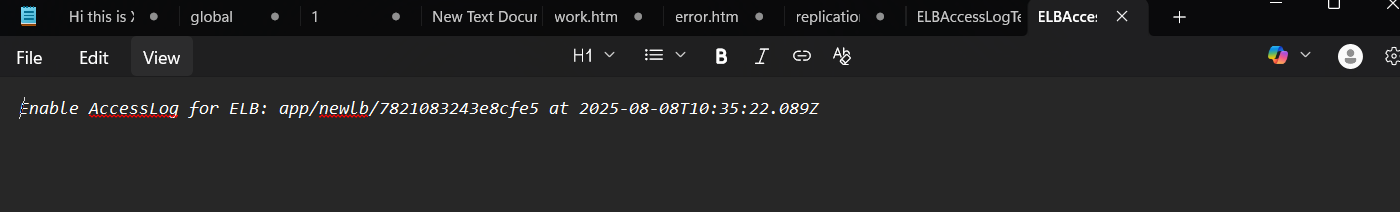
AI-generated content may be incorrect.

1. Create one application load balancer and attach the load balancer to both the ec2 instances.

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AI-generated content may be incorrect.

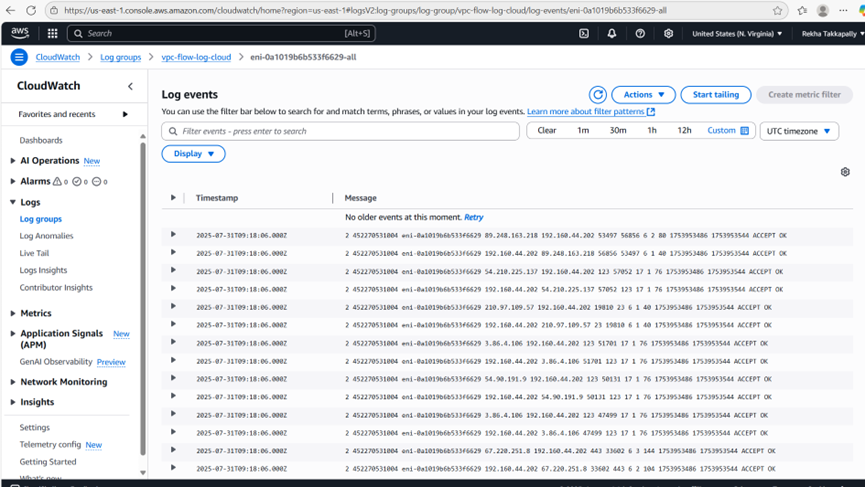
1. Store Application load balancer logs to s3.



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AI-generated content may be incorrect.

1. Store the VPC flow logs to CloudWatch group.



1. Create Monitoring Dashboards to monitor CPU utilization and to monitor Apache service.

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AI-generated content may be incorrect.

1. CPU utilizations more than 70% then it should trigger Autoscaling and launch new instance.

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AI-generated content may be incorrect.

