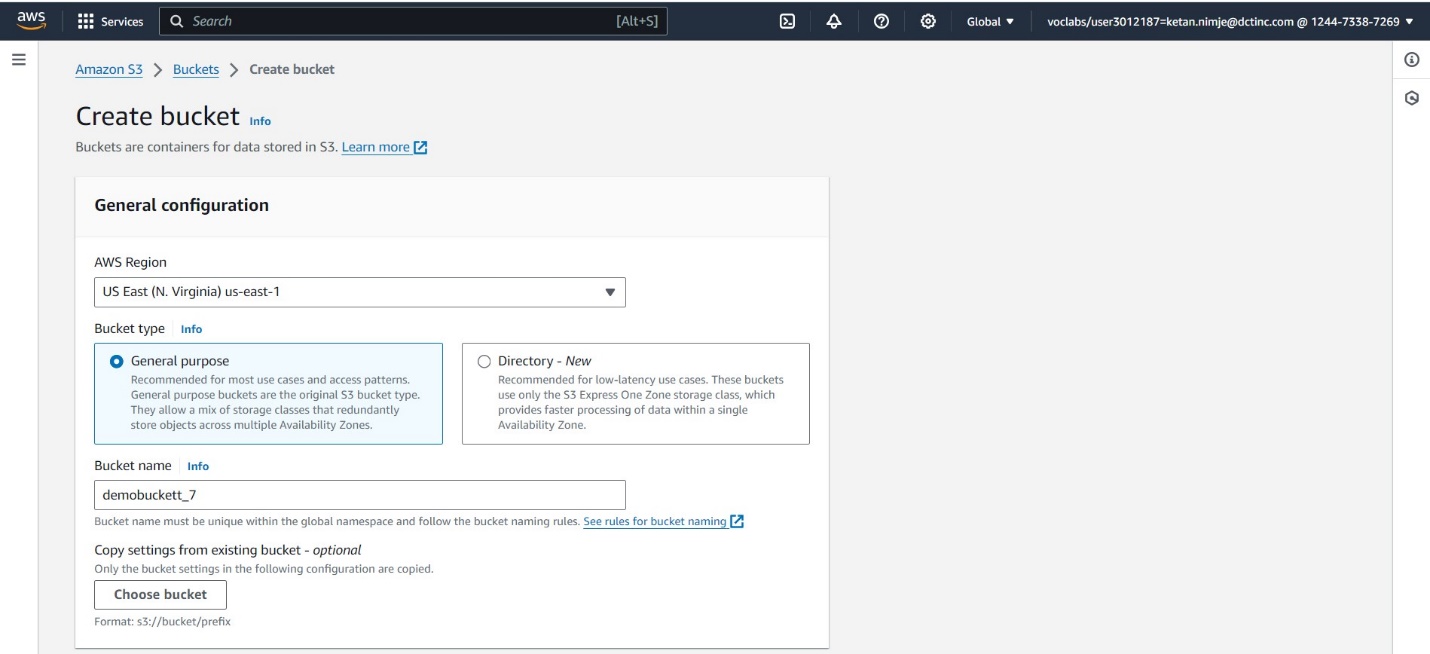
Bit Advanced labs

2.Learn to host a static website (such as a personal portfolio) on Amazon S3.



A screenshot of a computer

Description automatically generated

Creating a S3 bucket and adding the website file in the bucket

A screenshot of a computer

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Editing the static website hosting settings

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Editing the bucket policy

A close up of a computer screen

Description automatically generated

A screenshot of a computer

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Generating the policy for bucket

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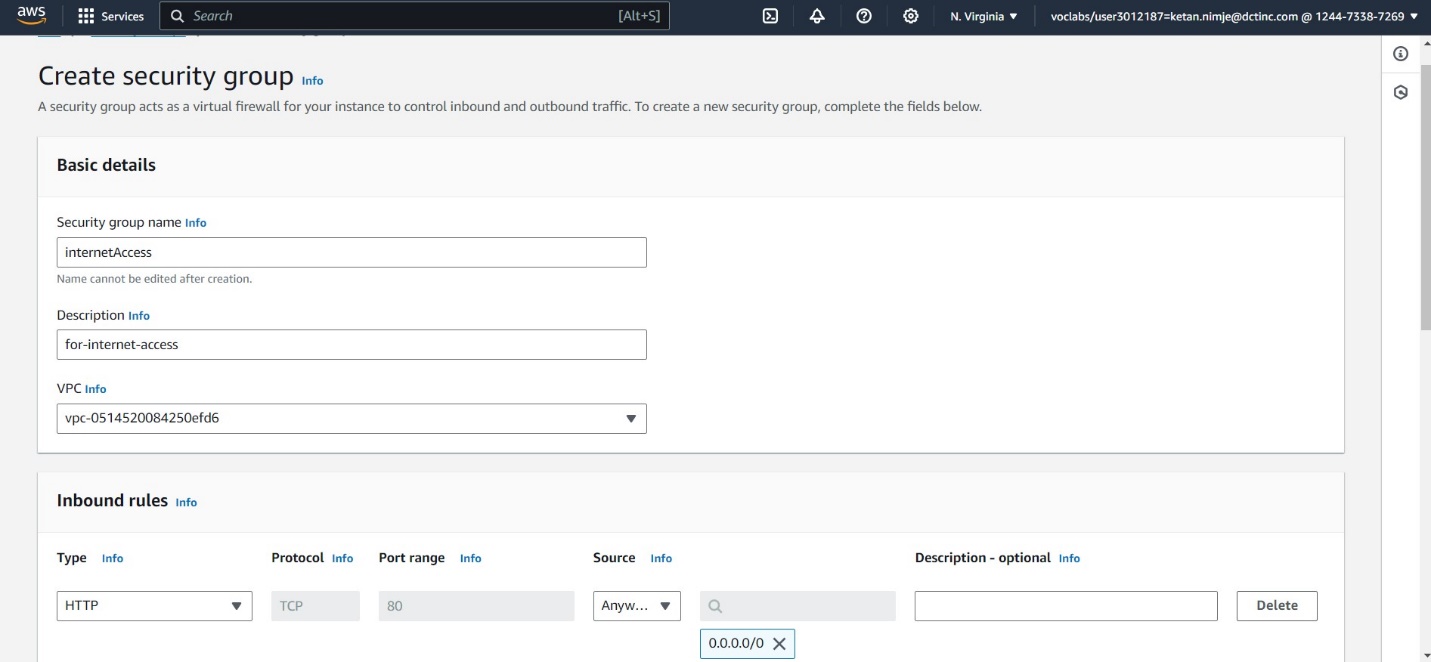
By clicking on the above link, we can access static website as shown below.

A close-up of a computer screen

Description automatically generated

1.Learn how to create a scalable and highly available web application environment using Amazon EC2 instances, ELB, and ASG.

Creating two security groups one for internet access and one for client



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Launch 2 instances for our group and check whether they are running or not

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A screenshot of a computer

Description automatically generated

For both the instances commands are same just change to the respective IPv4 address.

A computer screen shot of a blue screen

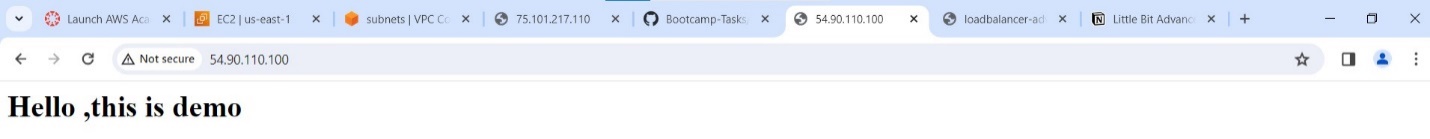
Description automatically generated

A blue screen with white text

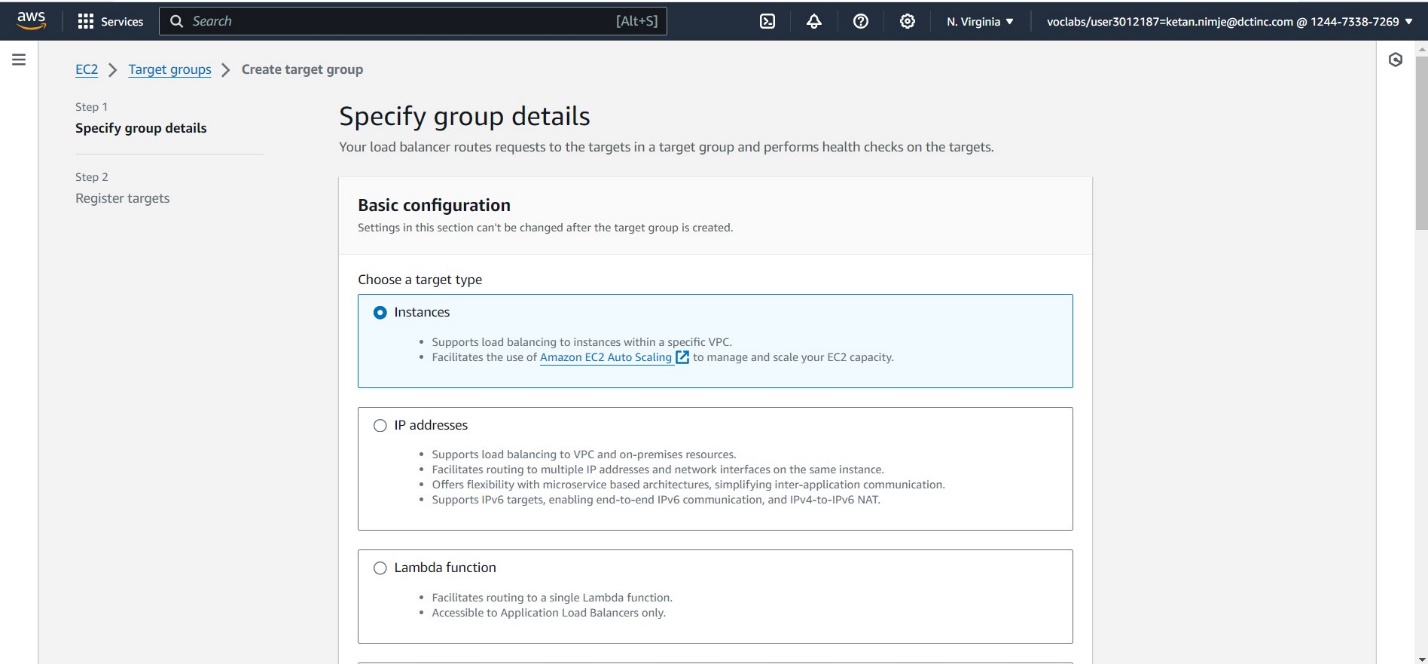
Description automatically generated

Both instances are running





Create target group for our instances.



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Creating a load balancer

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This is the output: running load balancer using the load balancer dns

A computer screen with a white background

Description automatically generated

Creating image for instances

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Creating template for auto scaling group

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Creating auto scaling group

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Description automatically generated

This is the required output i.e. created an auto scaling group and checked whether the instance is displaying same result

A screenshot of a computer

Description automatically generated

