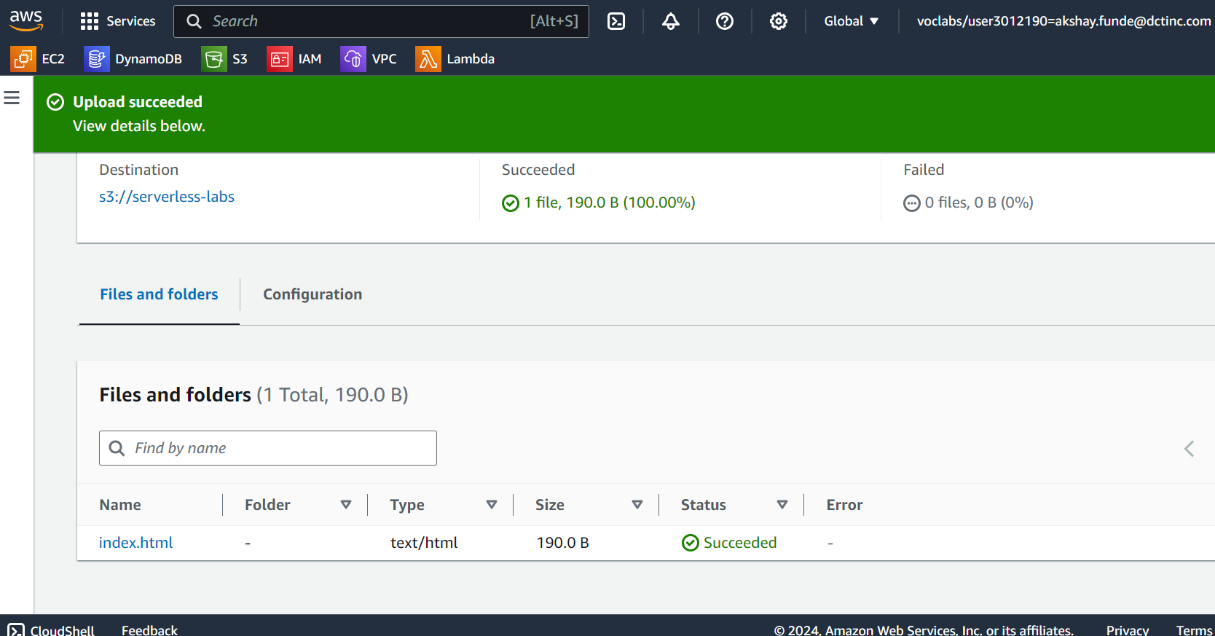
**Part 2: Hosting a Static Portfolio Website on S3**

**Steps:**

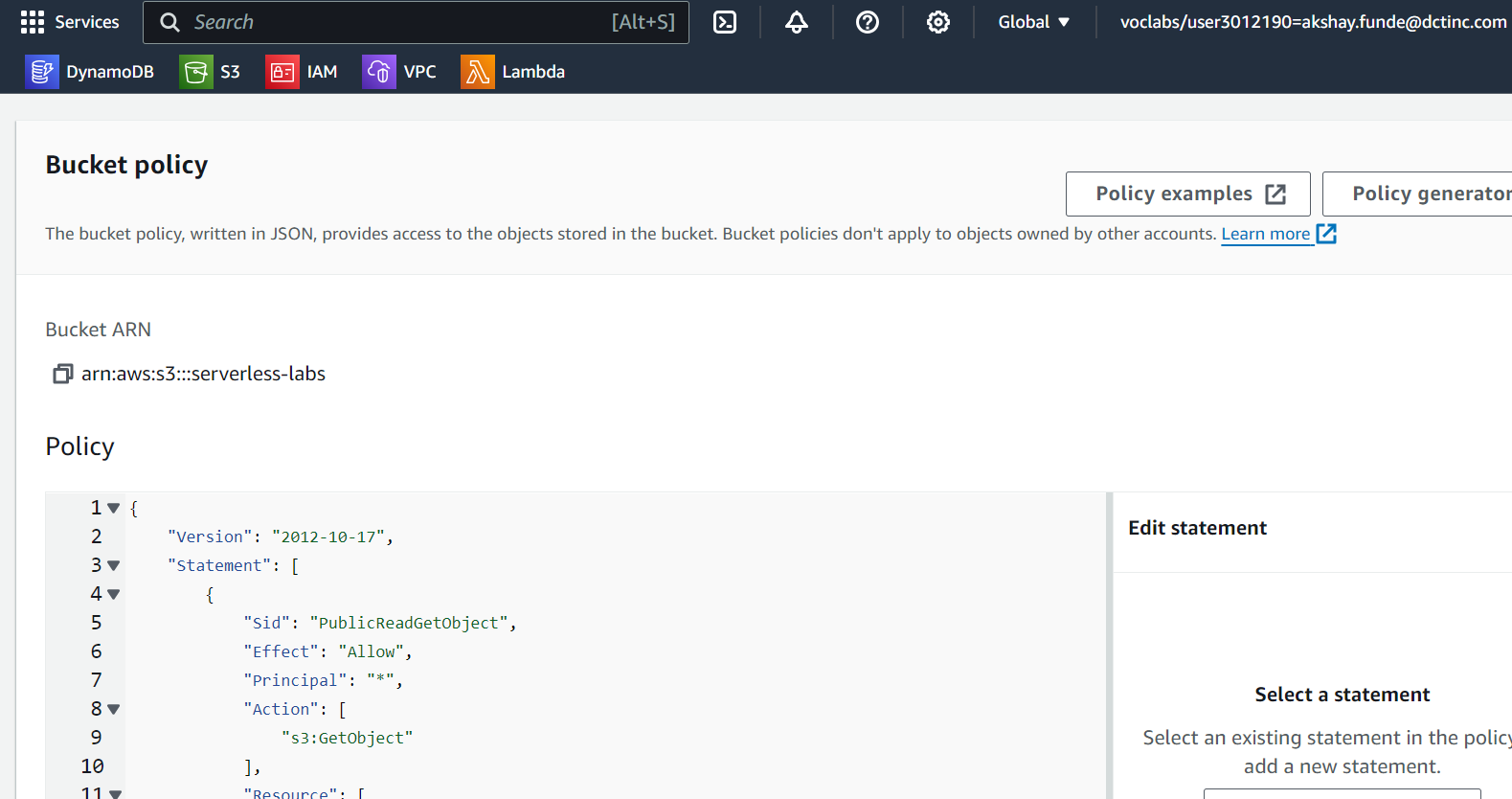
1. **Created a new S3 bucket.**
2. **Upload the html file.**
3. **Enabled the Static website hosting in properties.**
4. **Go to permission and write and save bucket policy.**
5. **Now open html file info**
6. **Go to object url now you can see my webpage.**

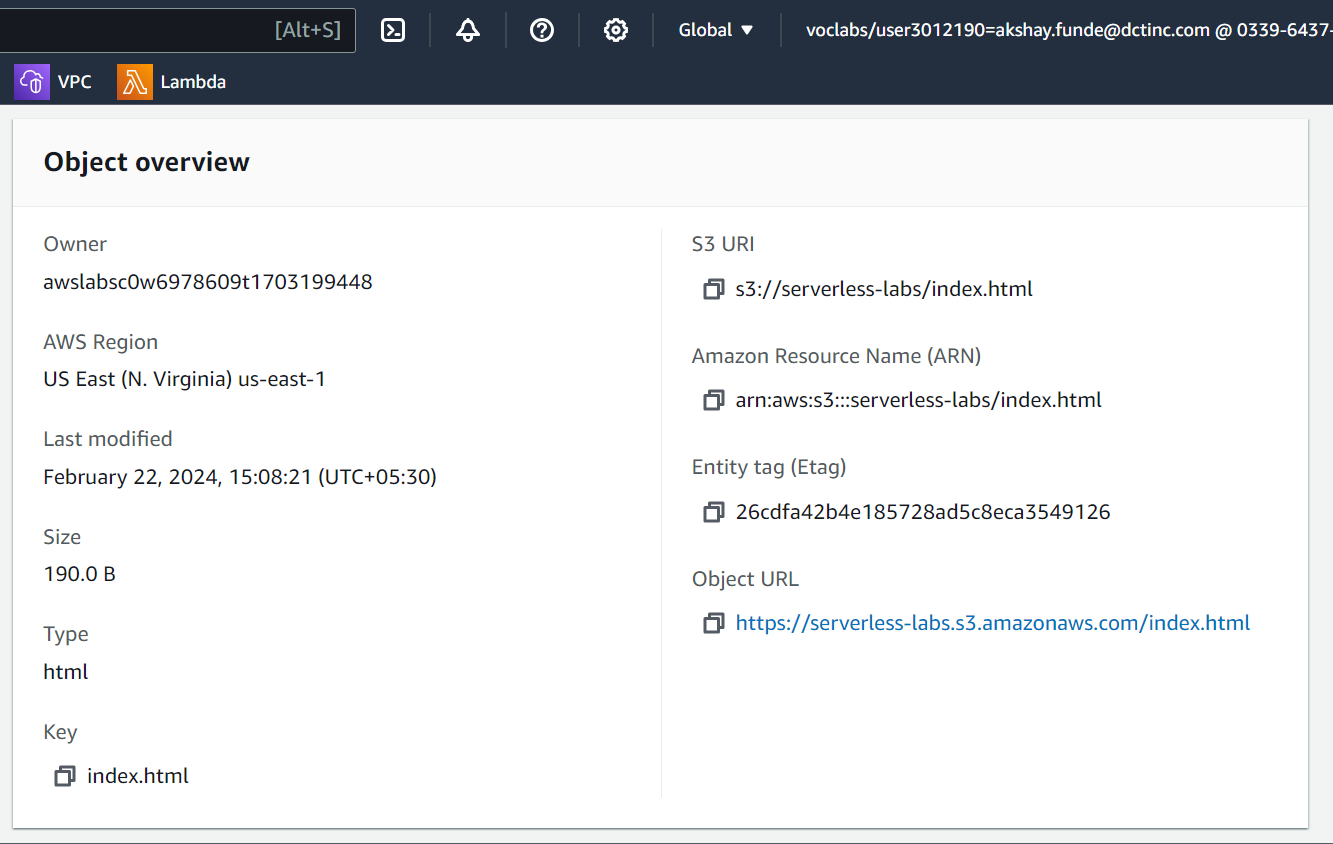
A screenshot of a computer screen

Description automatically generated

A screenshot of a computer

Description automatically generated





A screenshot of a computer

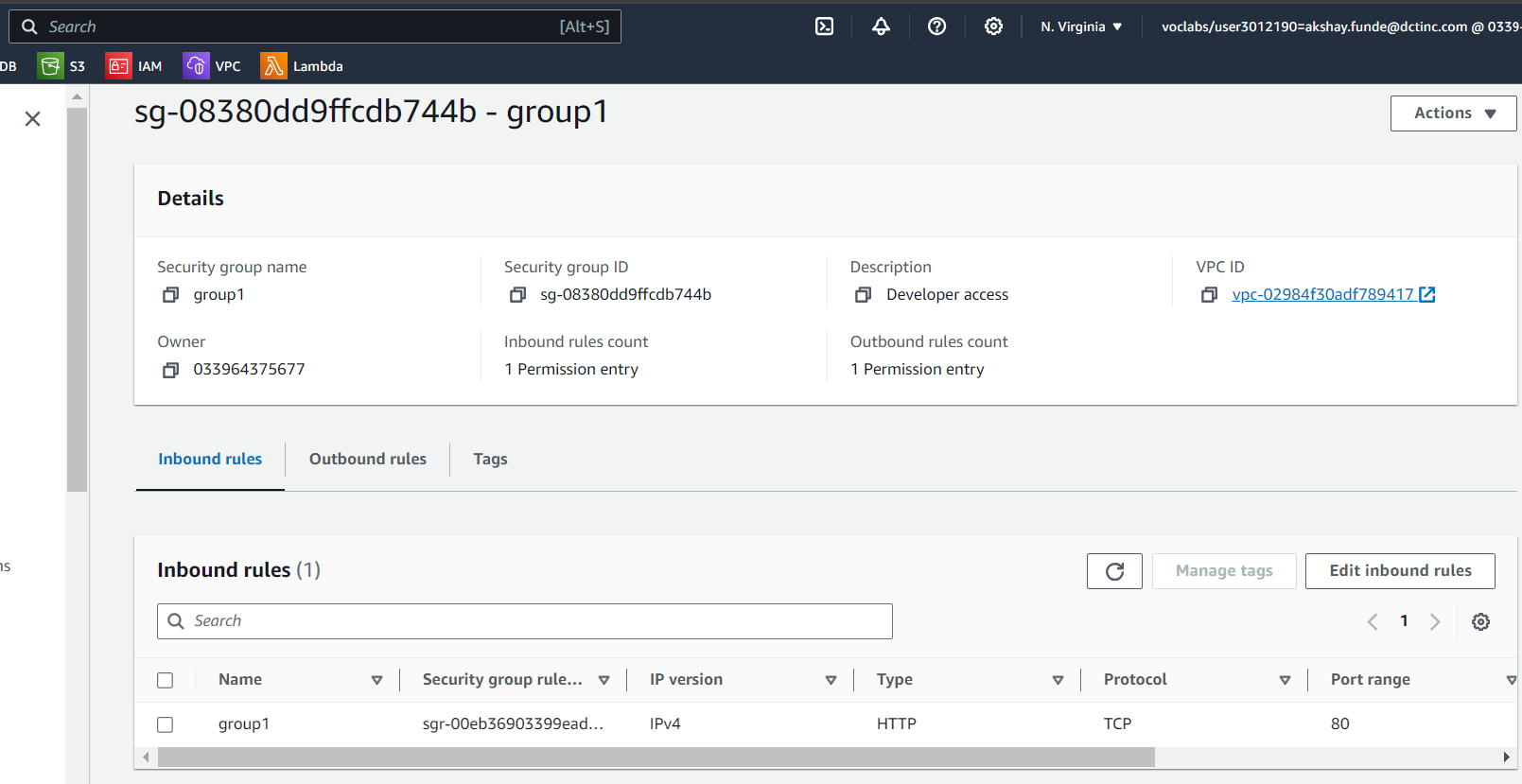
Description automatically generated

**Part 1: EC2 with ELB and ASG**

**Steps**

1. **Create two security group** 
   1. **Group 1 with http inbound rule**
   2. **Group 2 with SSH inbound rule**
2. **Create two EC2 with using both the security group**
3. **Verify instances is running or not using windows Powershell**
   1. **Command used**
      1. **ssh -i C:\Users\Akshay.Funde\Downloads\Basic1.pem** [**ec2-user@3.80.190.26**](mailto:ec2-user@3.80.190.26)
      2. sudo su  
         yum update -y  
         yum install httpd
      3. systemctl start httpd  
         systemctl enable httpd
      4. chown -R $USER /var/www/html
      5. echo "<h1>Hello World</h1>" > /var/www/html/index.html
4. **Now open id address for Hello World webpage**
5. **Create target group** 
   1. **Include both the instances**
6. **Create Application Load balancer now**
   1. **Select all mapping networks.**
7. **Check if it is working or not ( open DNS )** load-1-1438966997.us-east-1.elb.amazonaws.com
8. **Create an Amazon Machine image on any of the instances.**
9. **Launch new template with AMI image**
10. **Create auto scalling group for the same tempalate** 
    1. **Advance option**
       1. **Attach to an existing load balancer.**
       2. **Turn on Elastic Load Balancing health checks**
    2. **Set the scaling min and max (1 & 5)**
11. **After completing auto scaling group check if there is new unnamed instance must be created.**
12. **Open the ip address of new unnamed instance for the testing**

A screenshot of a computer program

Description automatically generated****A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generatedA computer screen shot of a blue screen

Description automatically generatedA screen shot of a computer

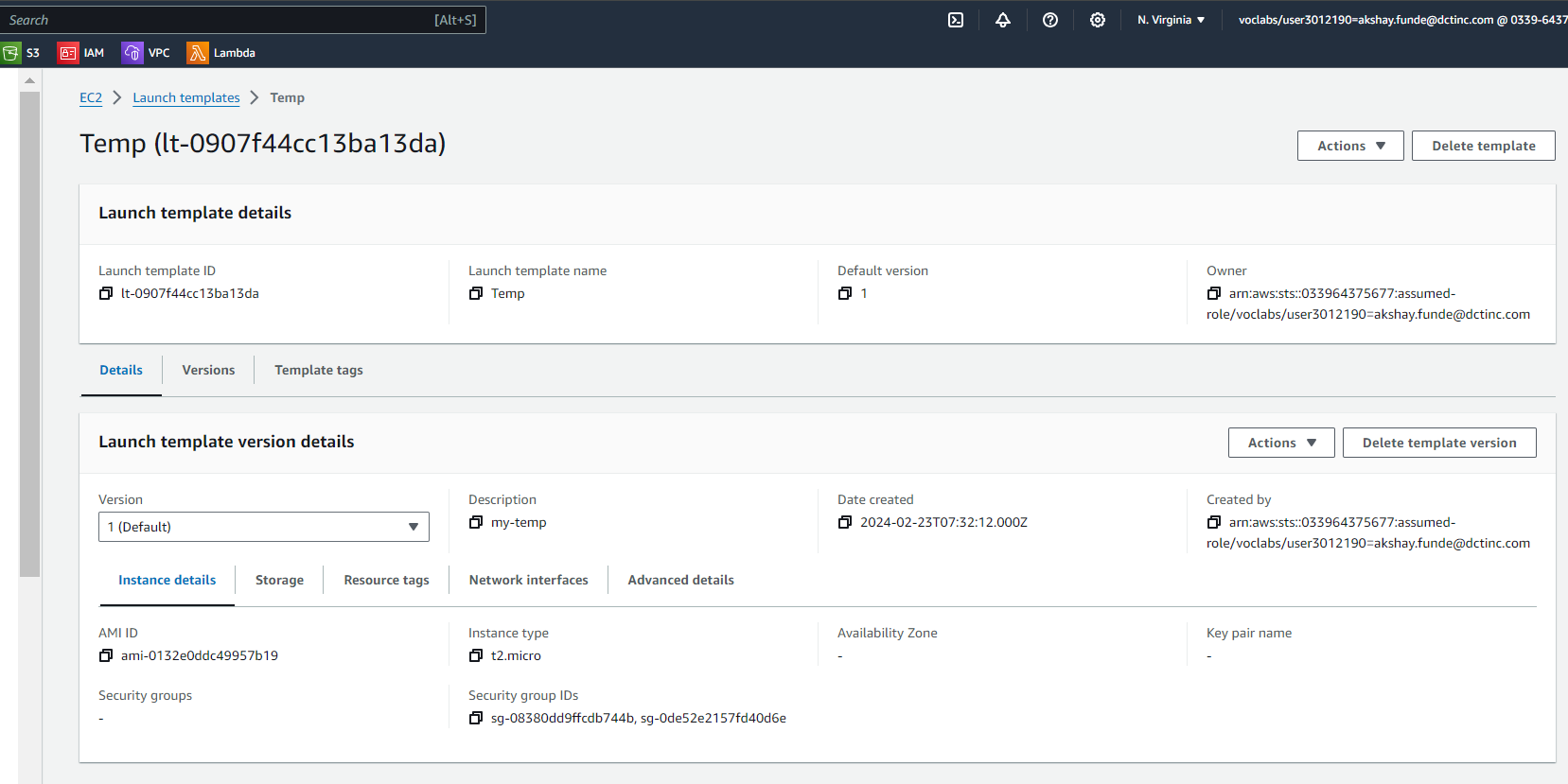
Description automatically generated

A screenshot of a computer

Description automatically generatedA screenshot of a computer

Description automatically generatedA screenshot of a computer

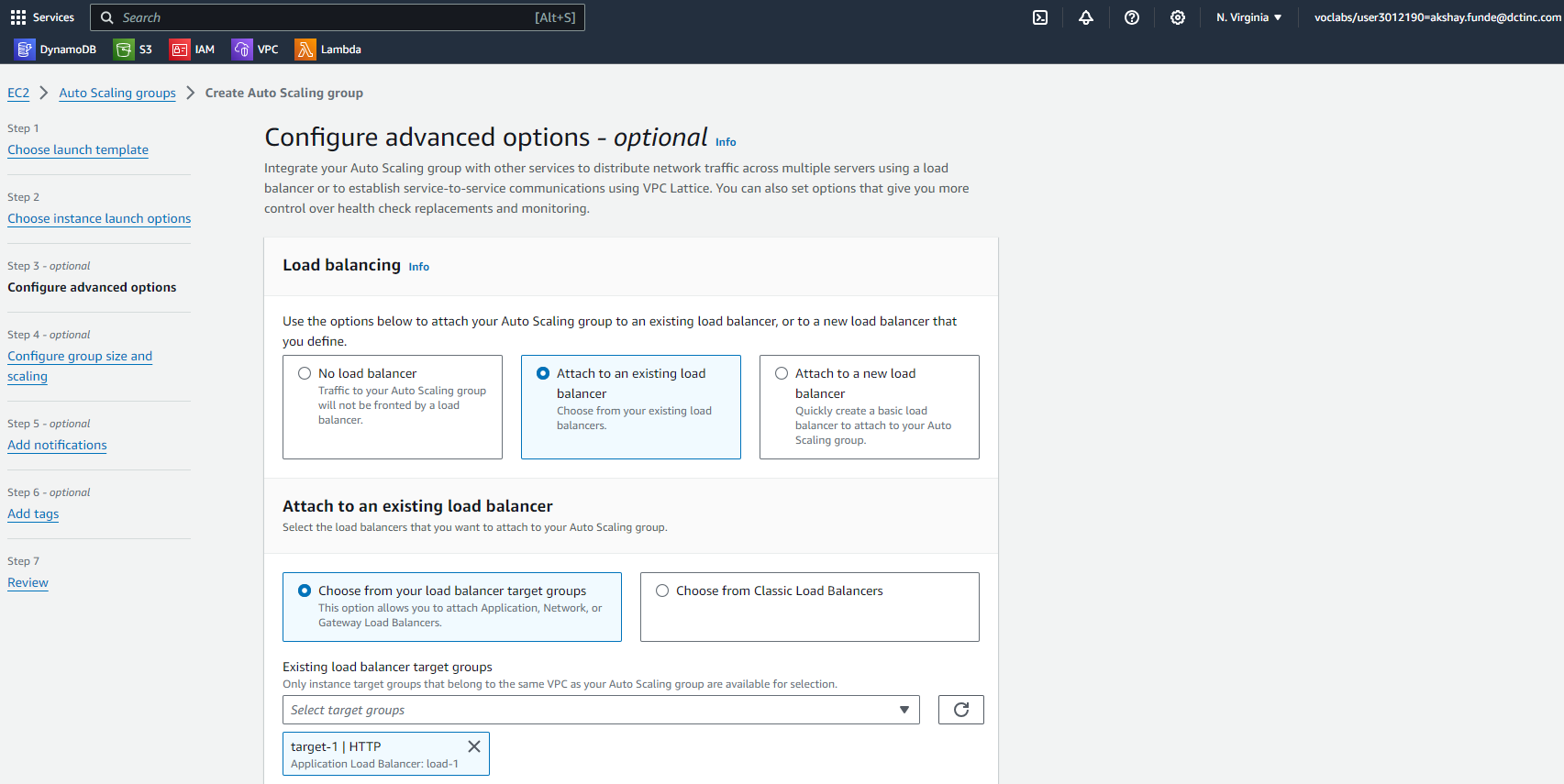
Description automatically generated

A screenshot of a computer

Description automatically generated

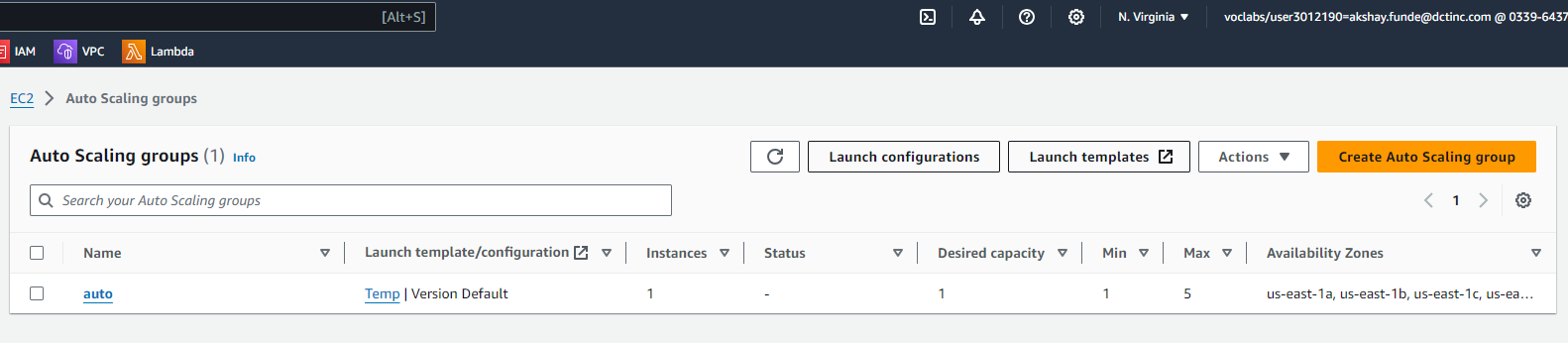
A screenshot of a computer

Description automatically generated



A screenshot of a computer

Description automatically generated



A screenshot of a computer

Description automatically generated

A screenshot of a computer

Description automatically generated