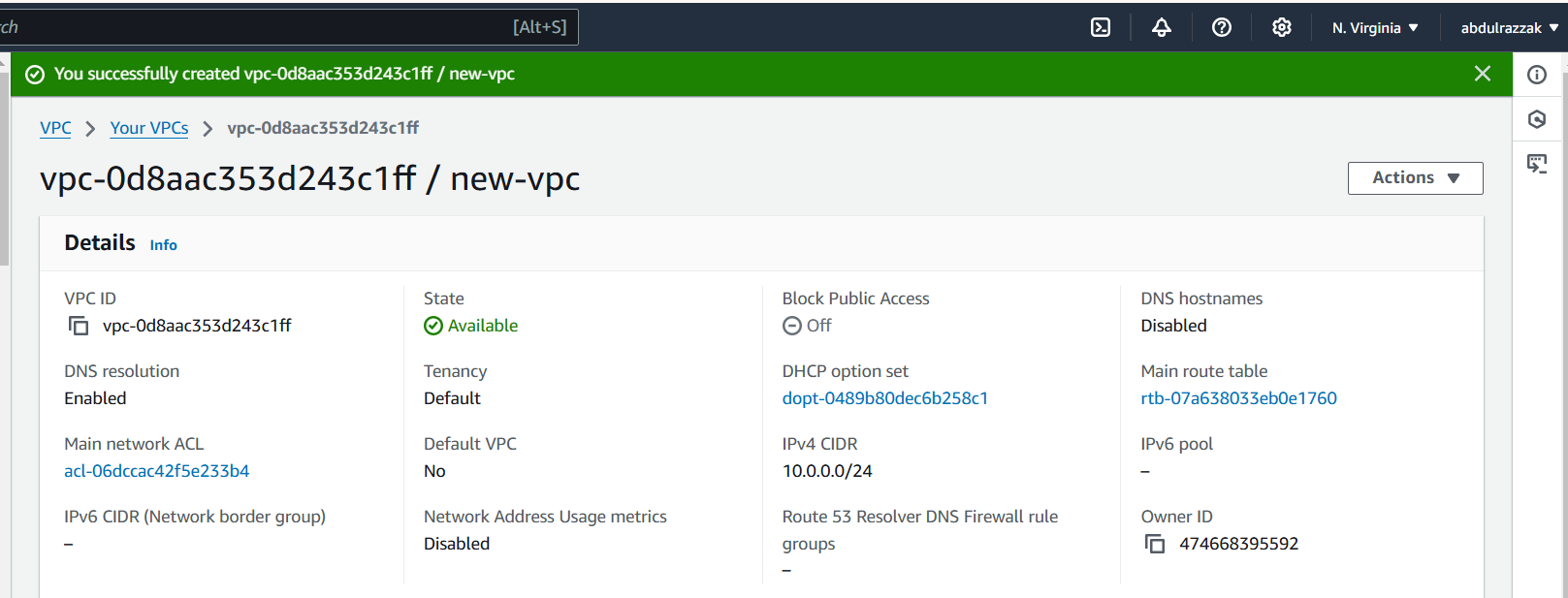
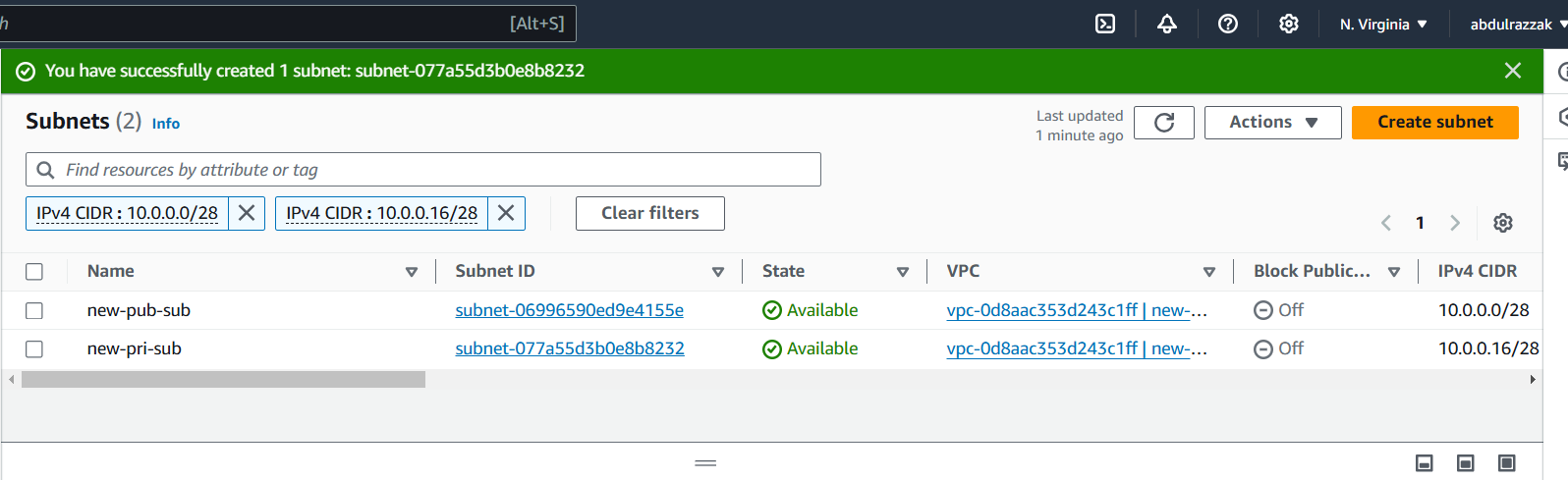
**ASG Tasks:**

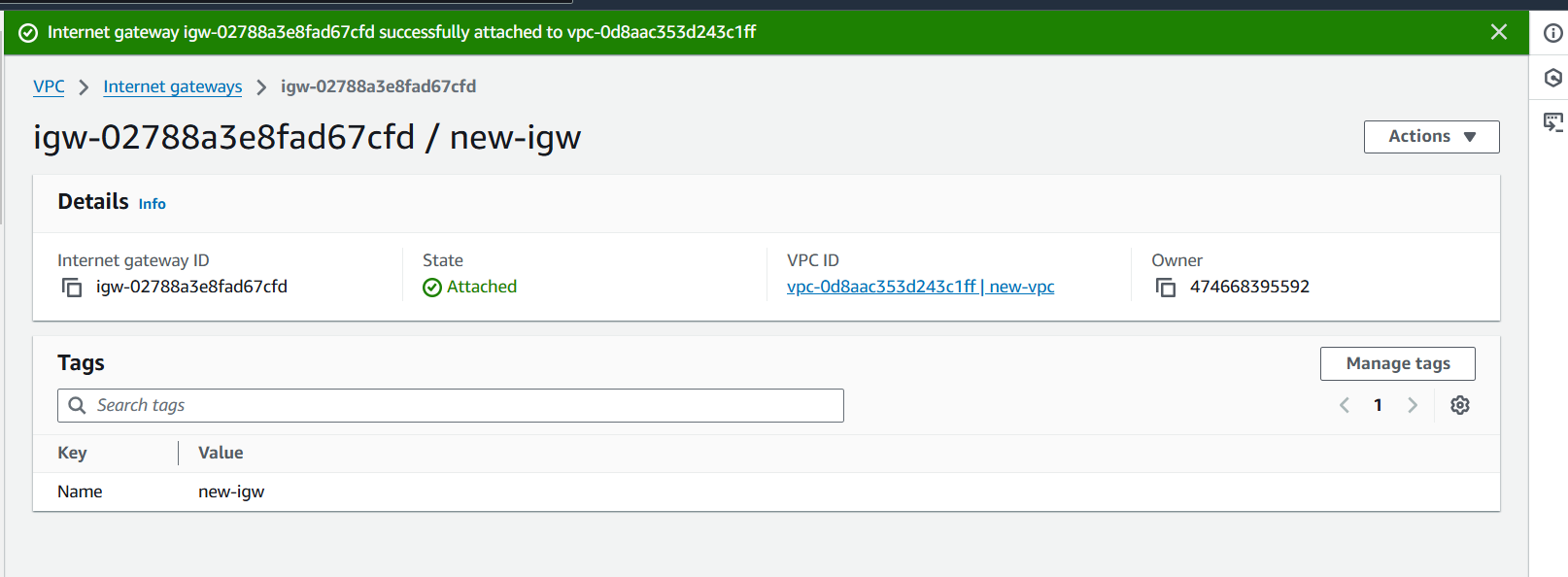
**1) Create one vpc in N.virginia region.**



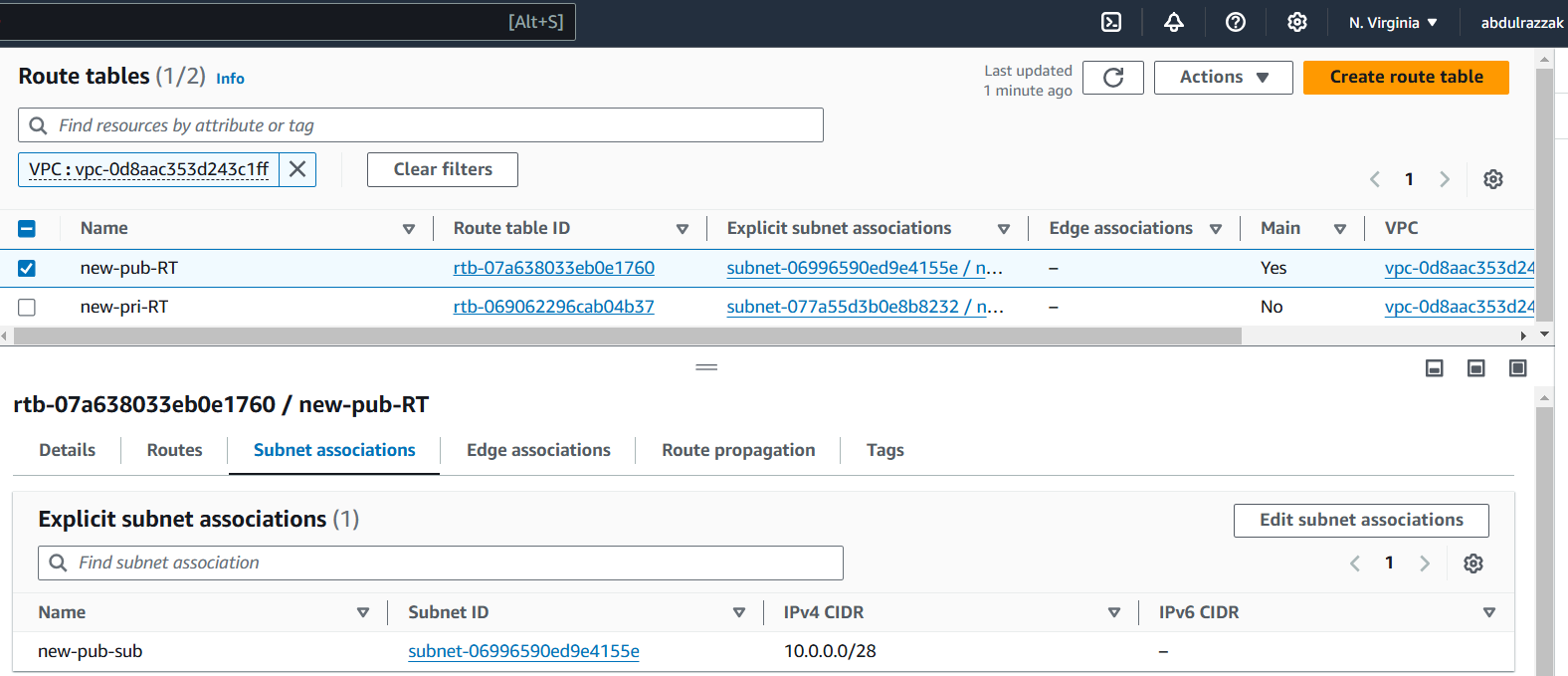
**2) Create two subnets. One Public subnet and one private subnet.**

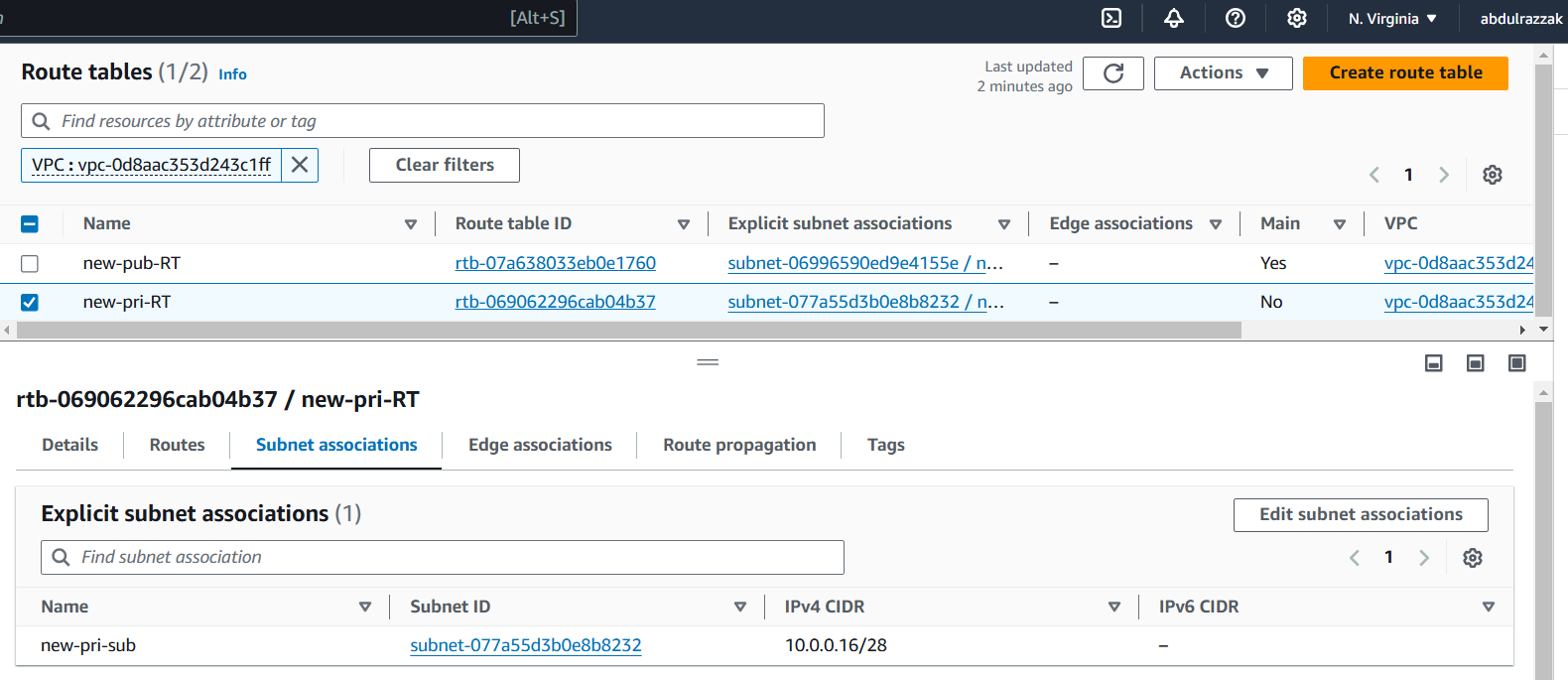


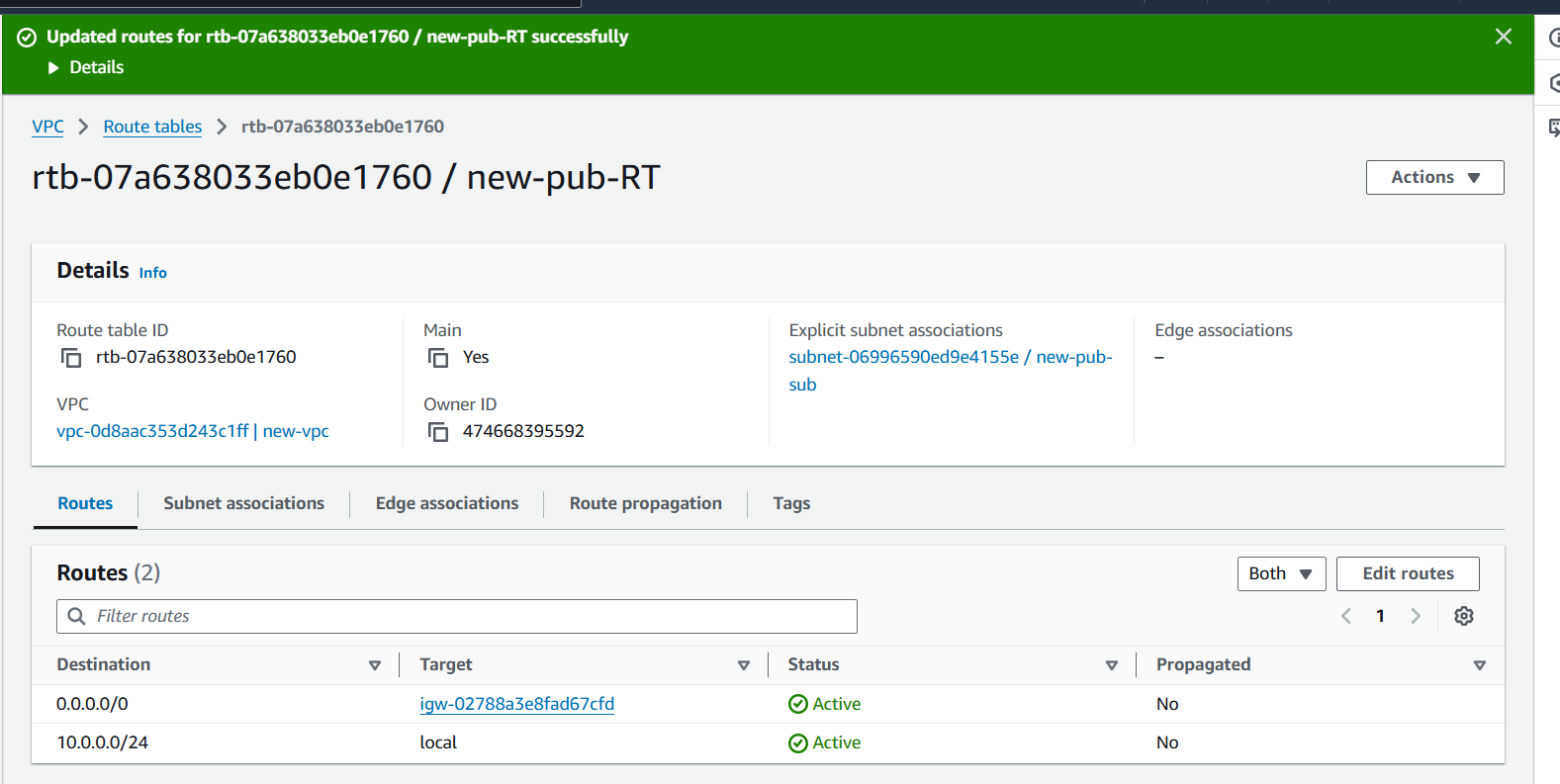
**3) Provide the IGW to the vpc.**

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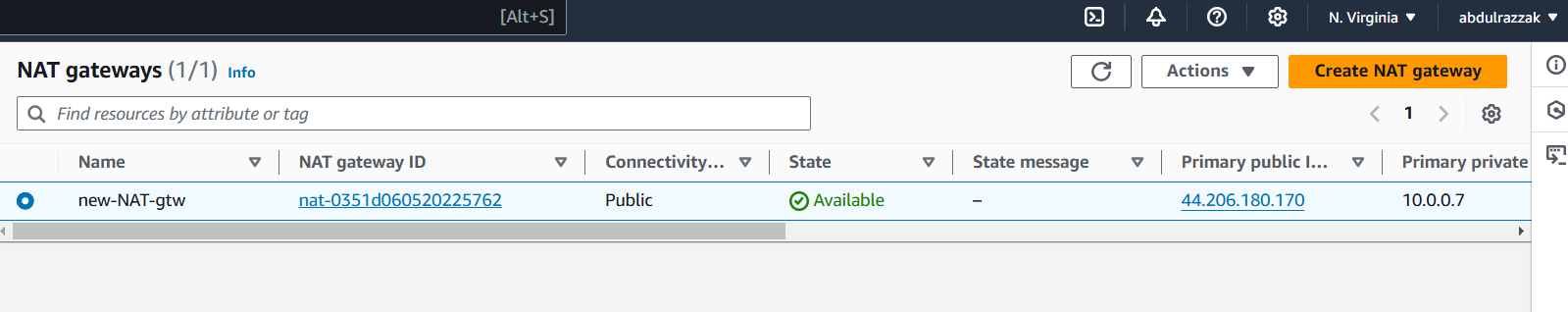
**4) Create One public RT and one private RT.**

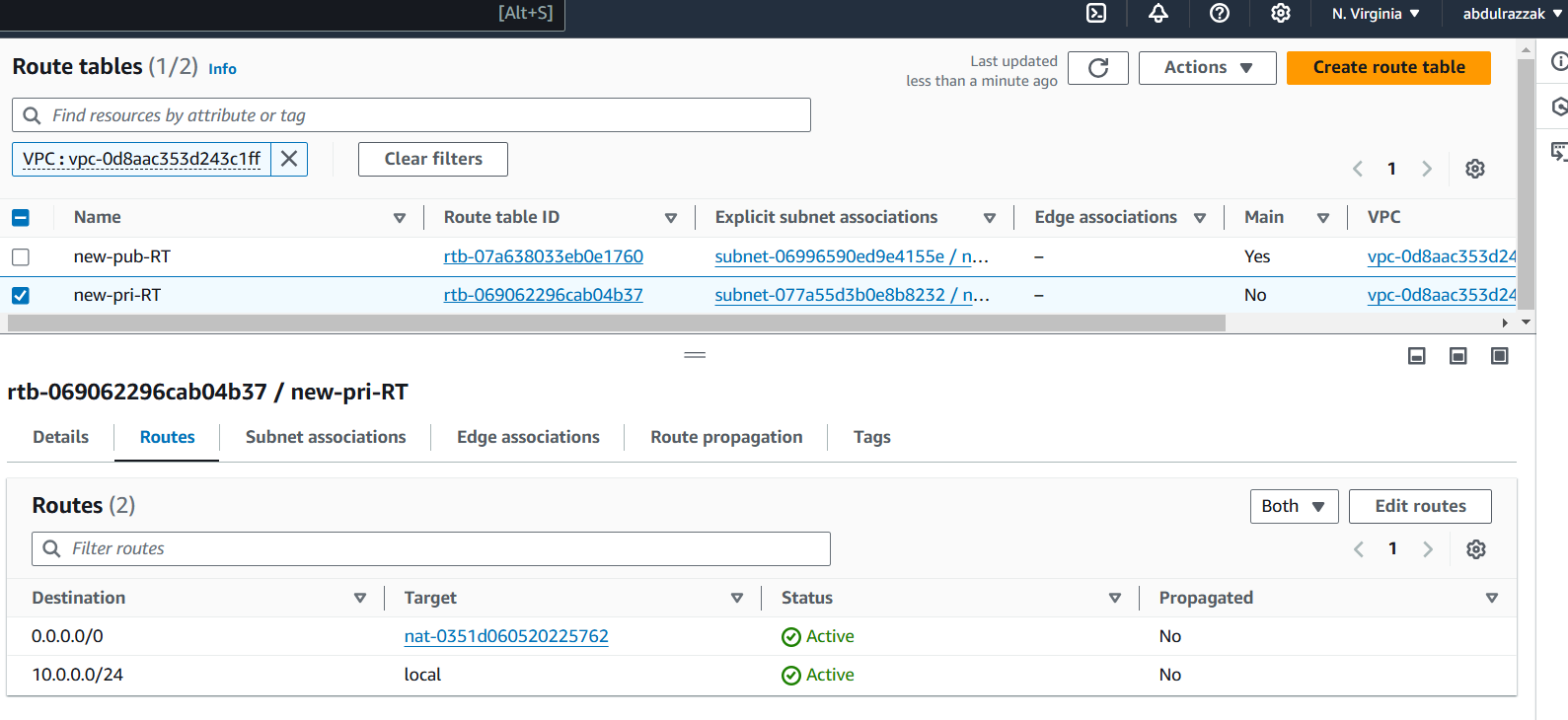
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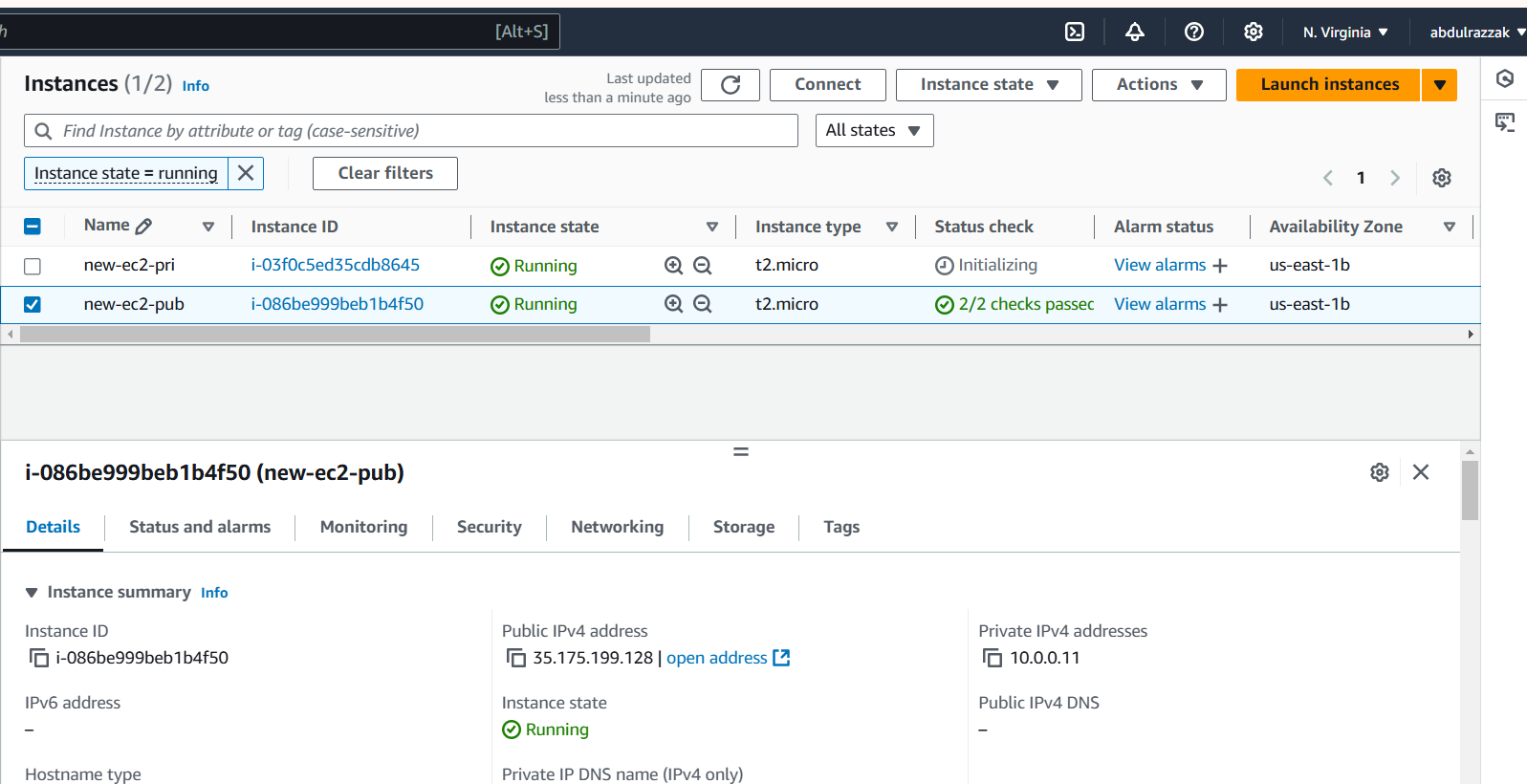
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**5) Deploy NAT gateway on public subnet and attach the NAT gatewat to private subnet.**

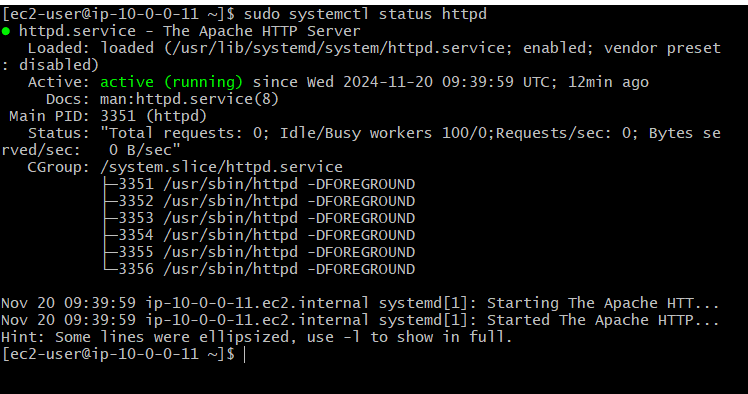
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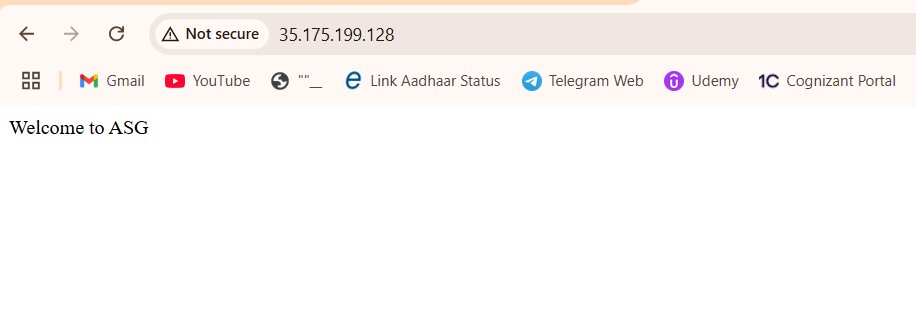
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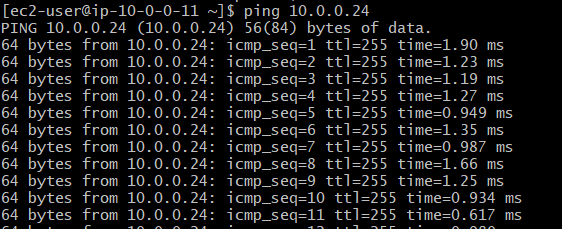
**6) Create Two instances, one in public subnet and one in private subnet.**

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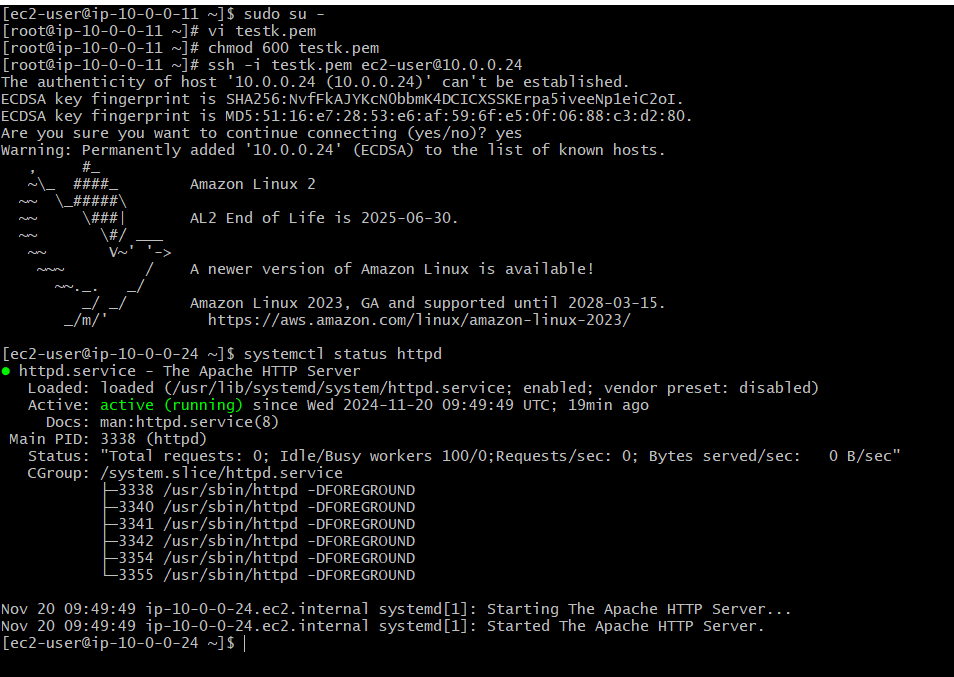
**7) Deploy Apache server on both the ec2 instances with sample index.html file.**

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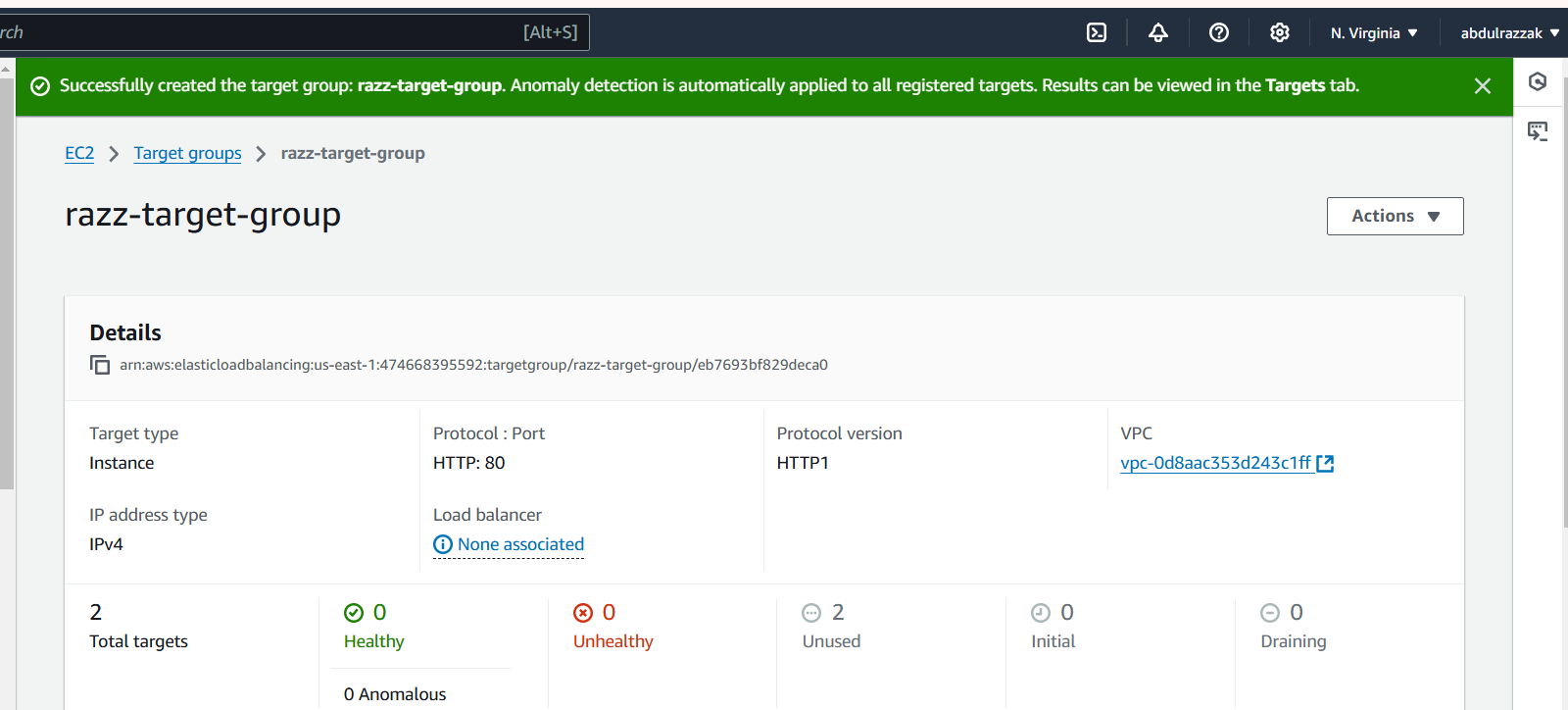
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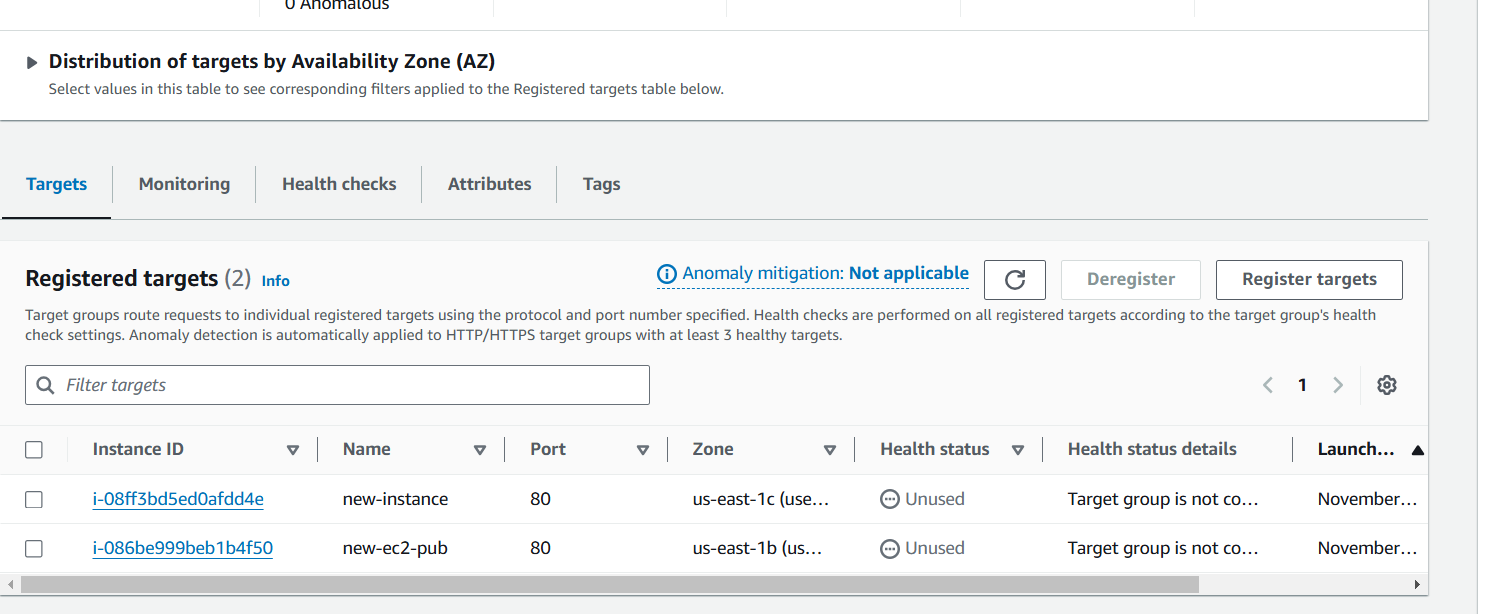
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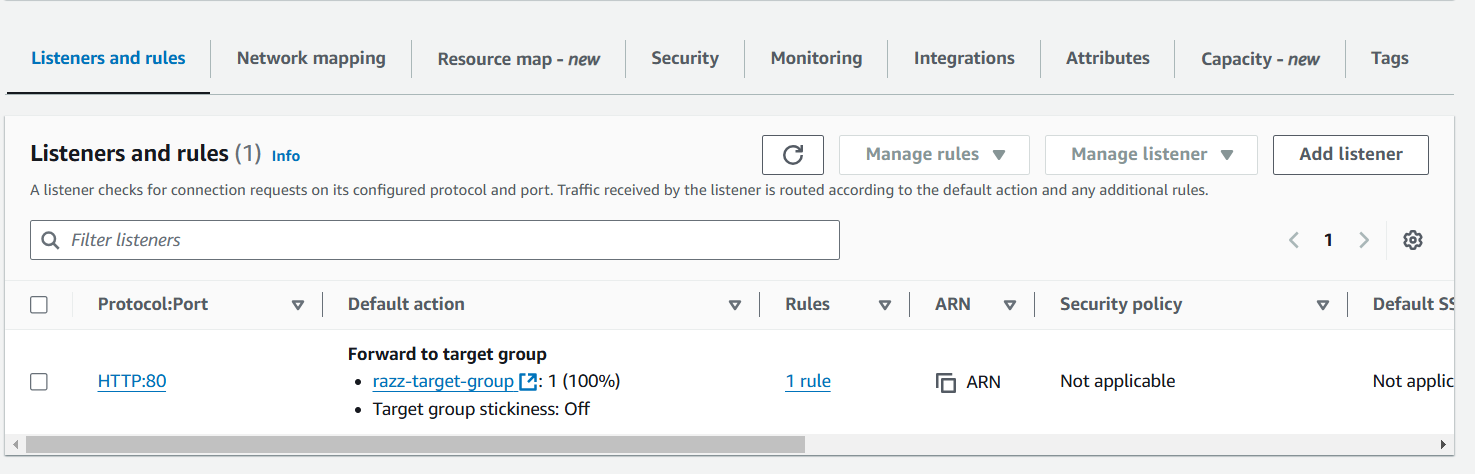
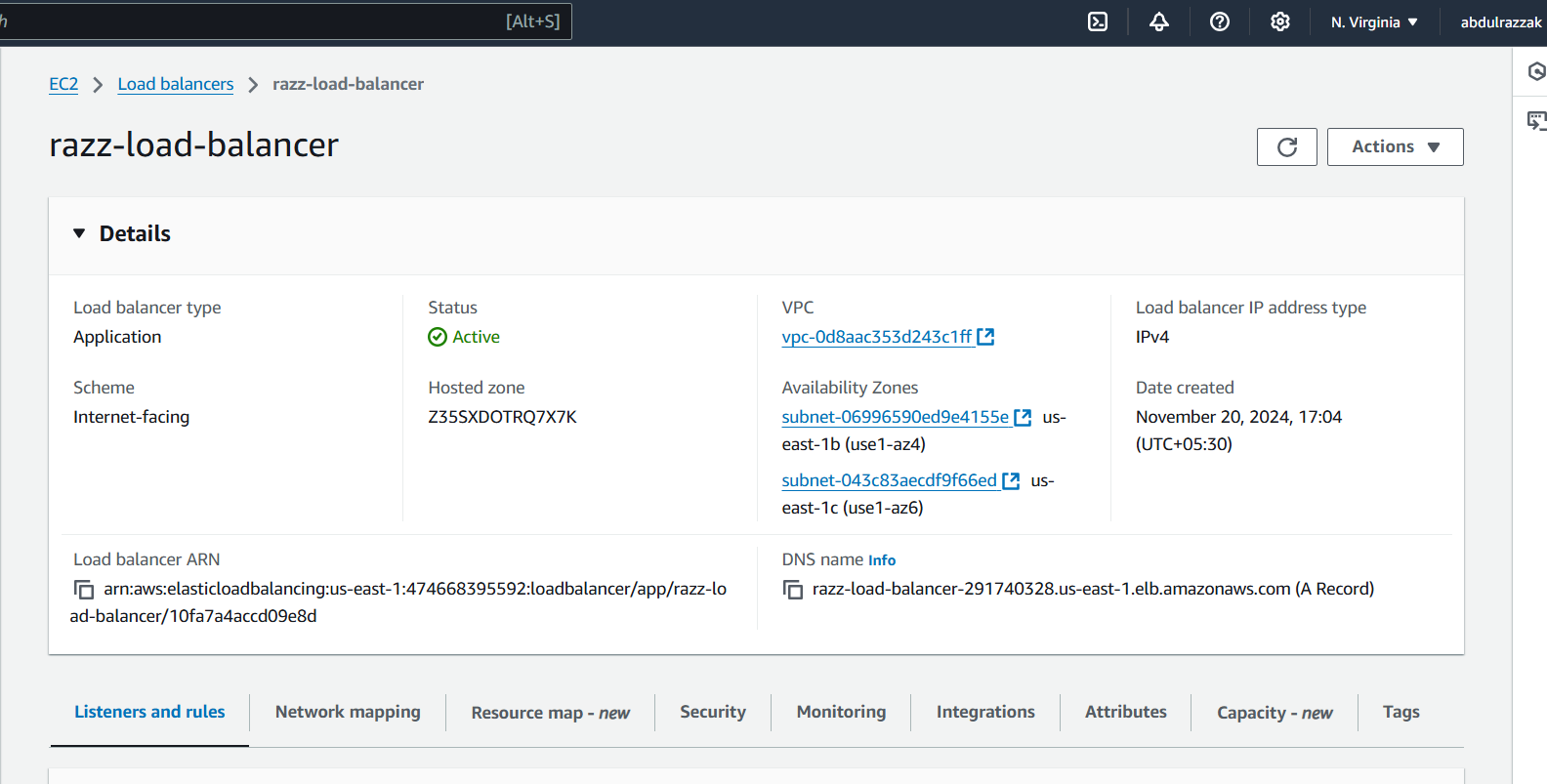
* **Connected to private Ec2 vis public instance.**
* **Ran “systemctl status httpd” to check if the httpd service is running on my private ec2 instance.**

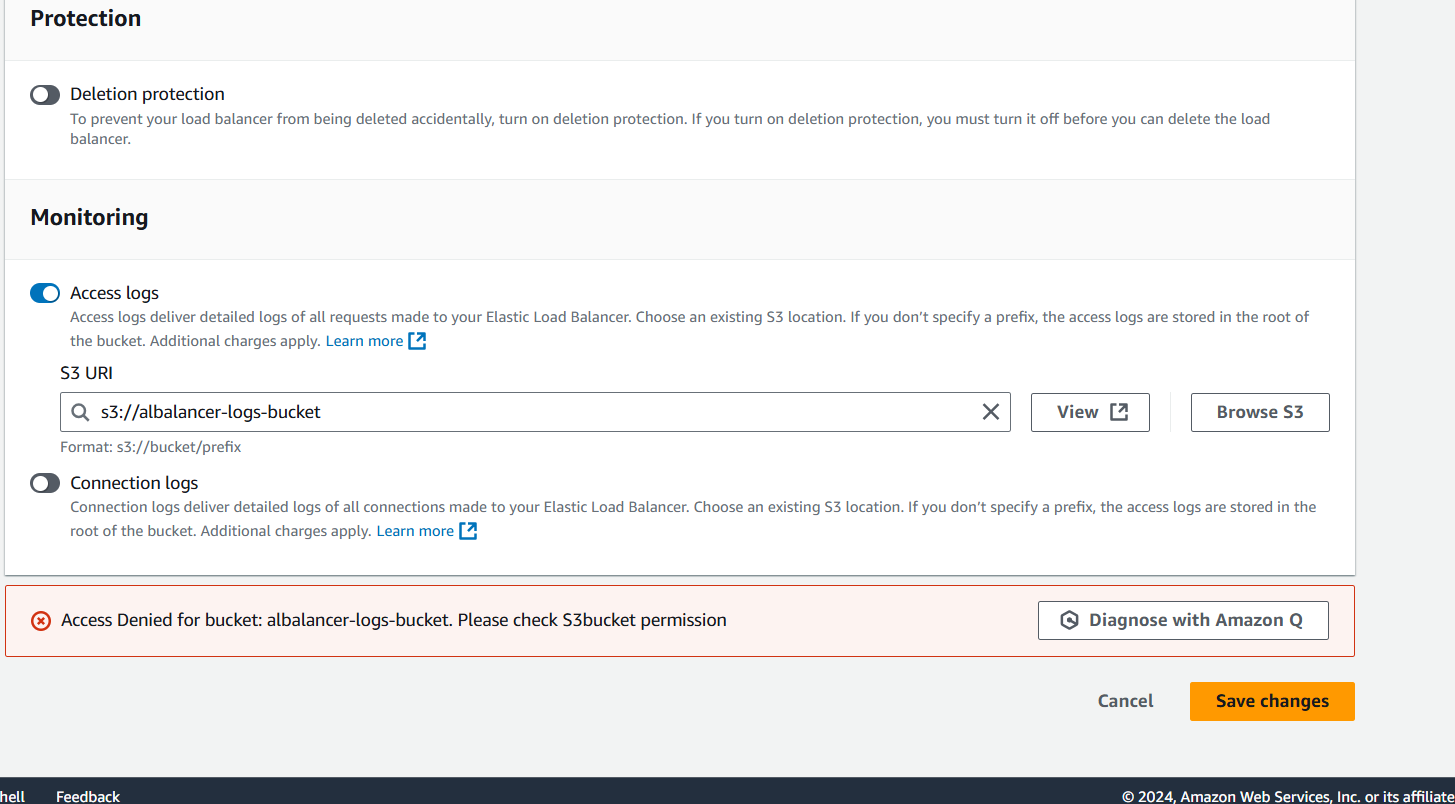
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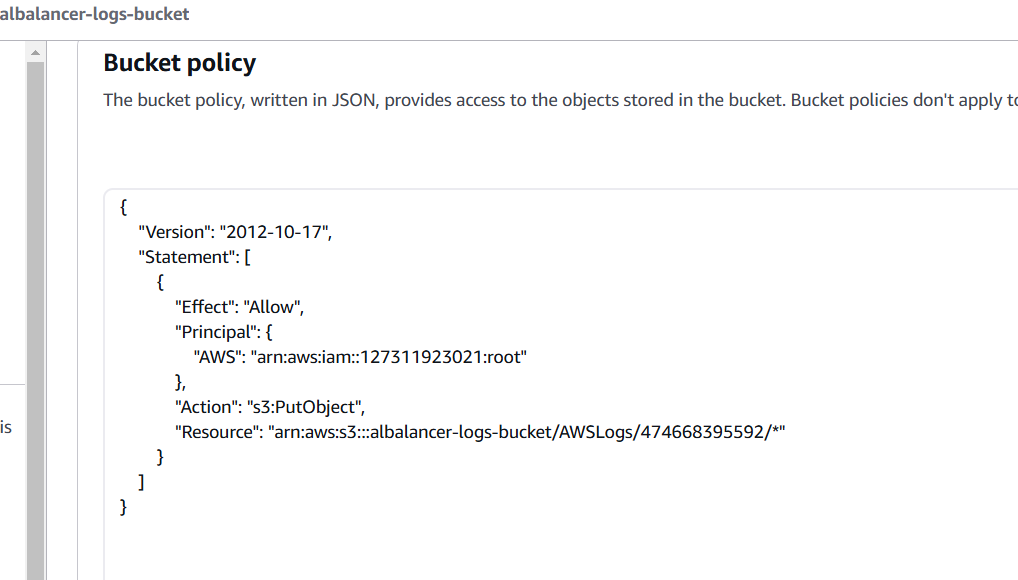
**8) Create one application load balancer and attach the load balancer to both the ec2 instances.**

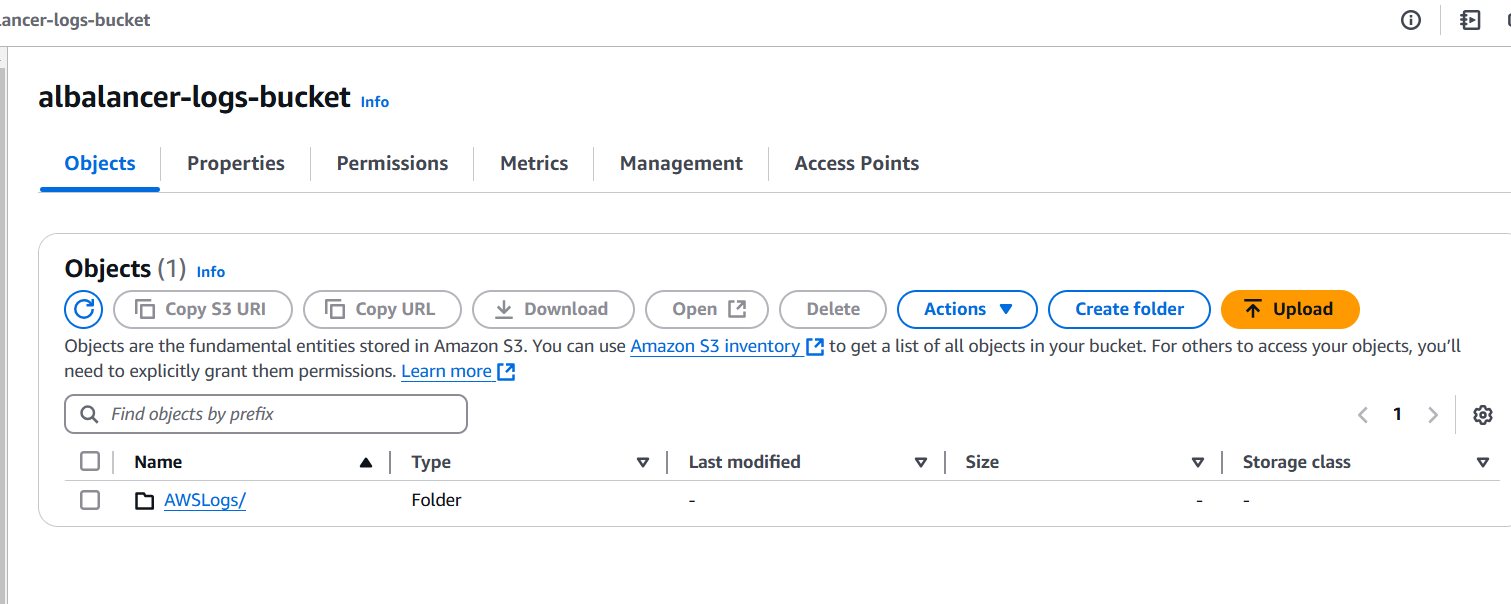
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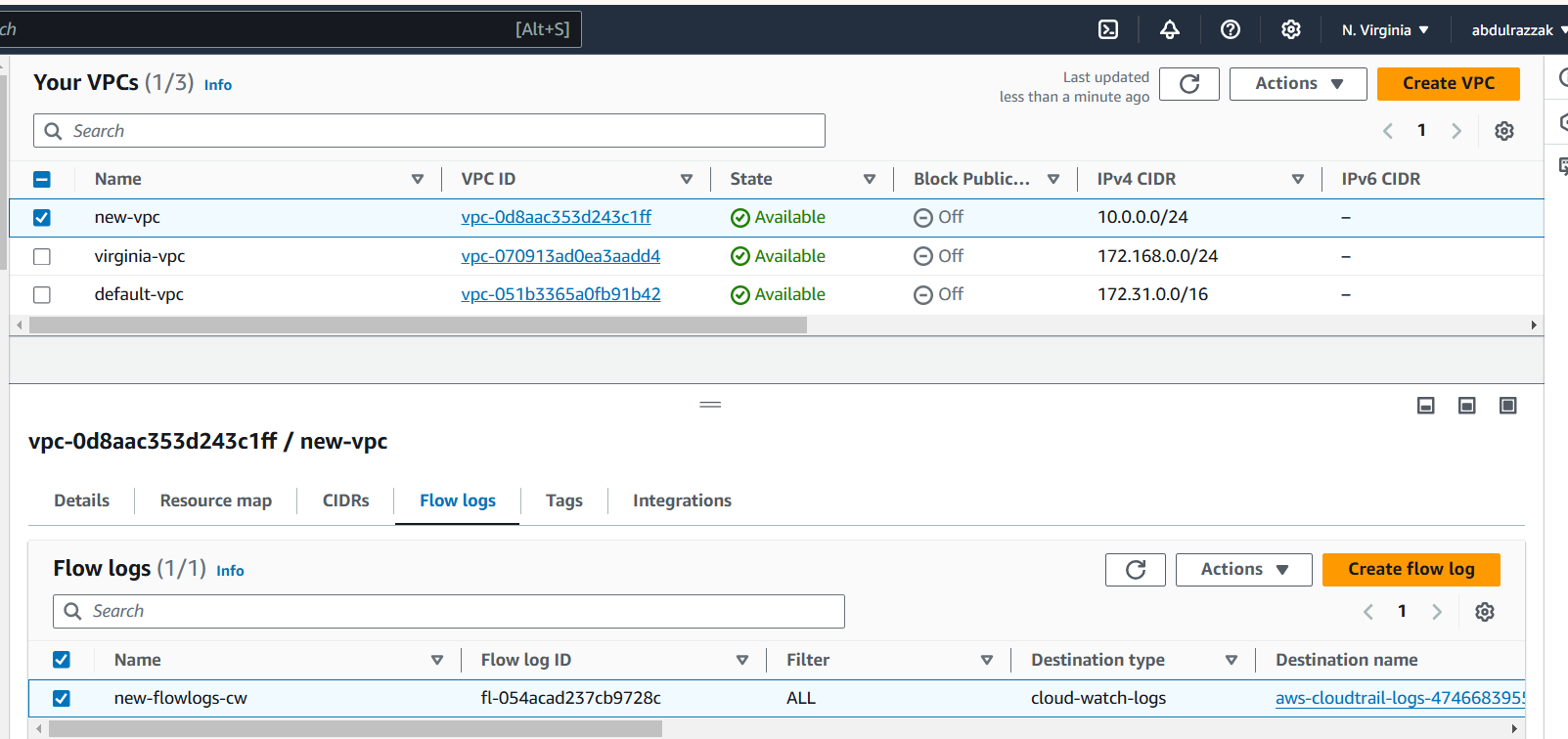
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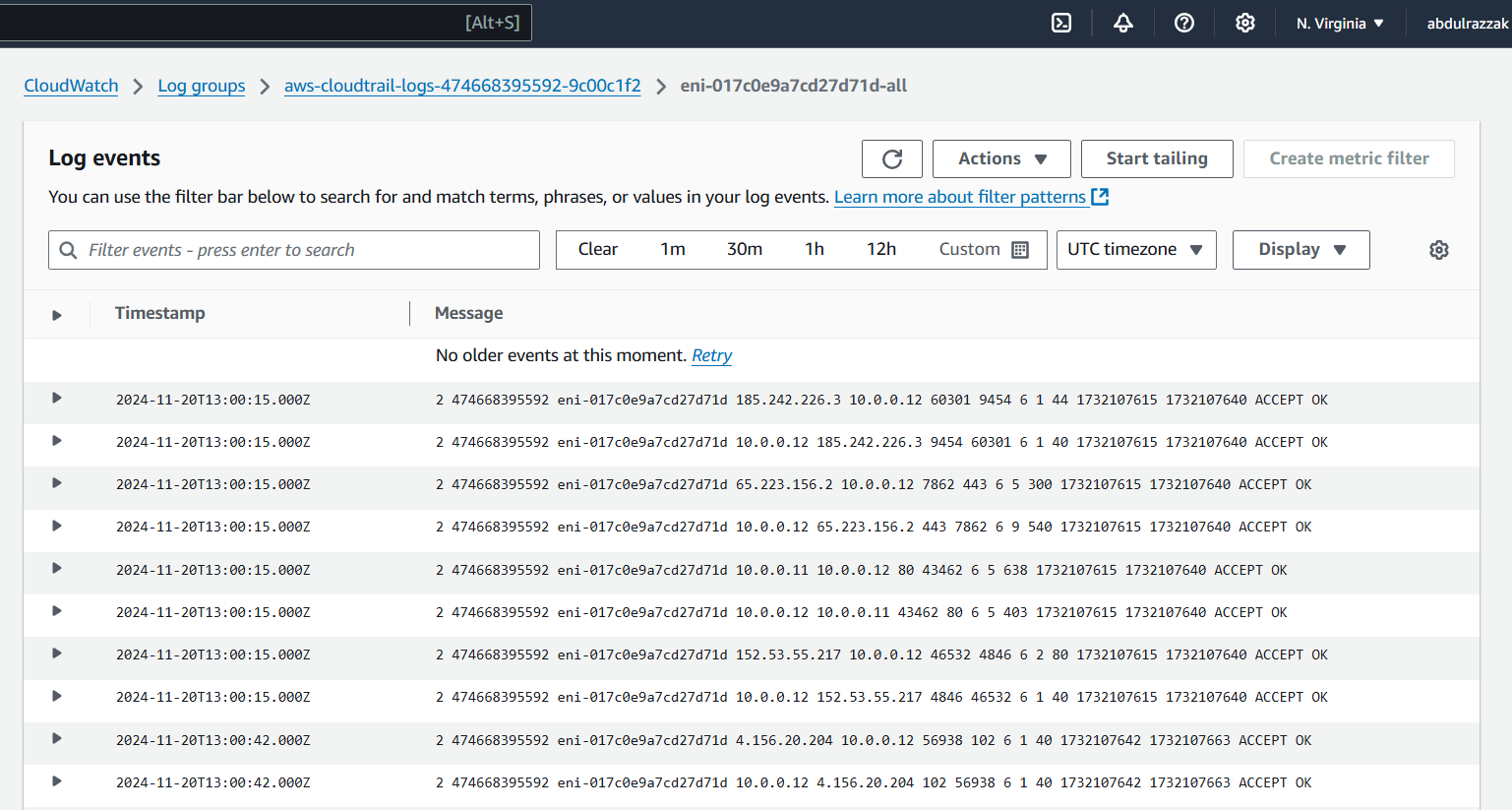
**9) Store Application load balancer logs to s3**

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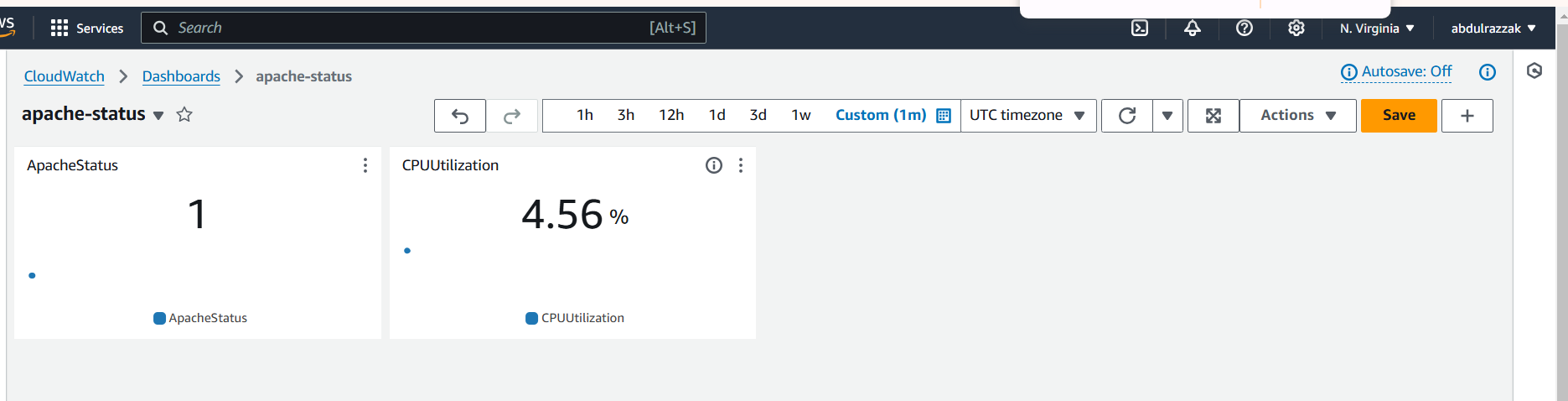
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**10) Store the vpc flow logs to cloudwtach group.**

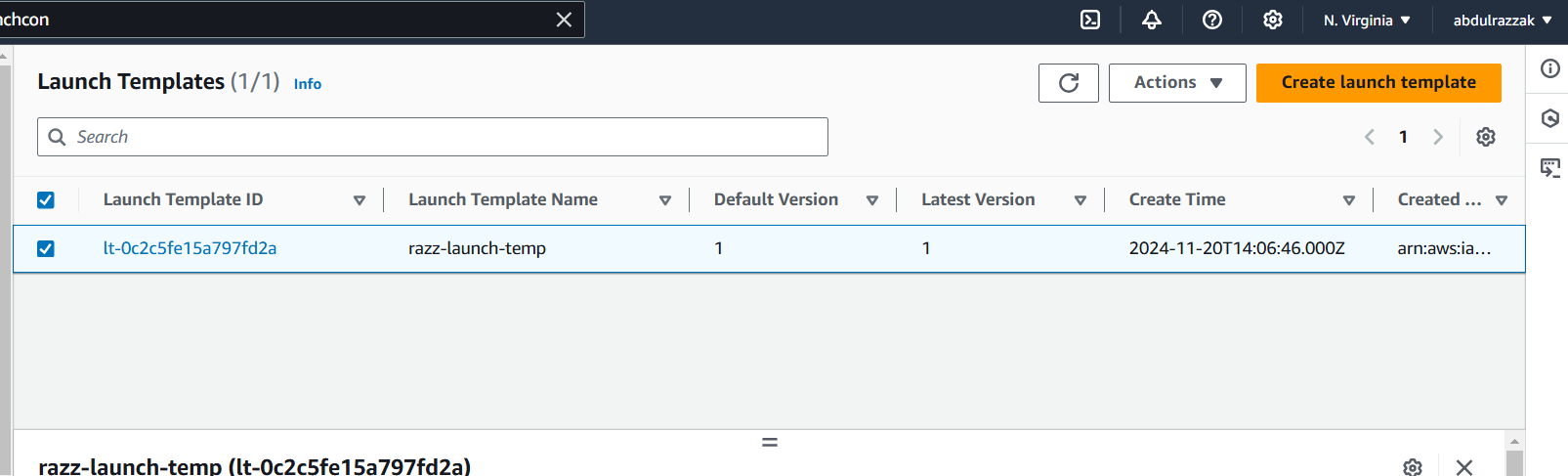
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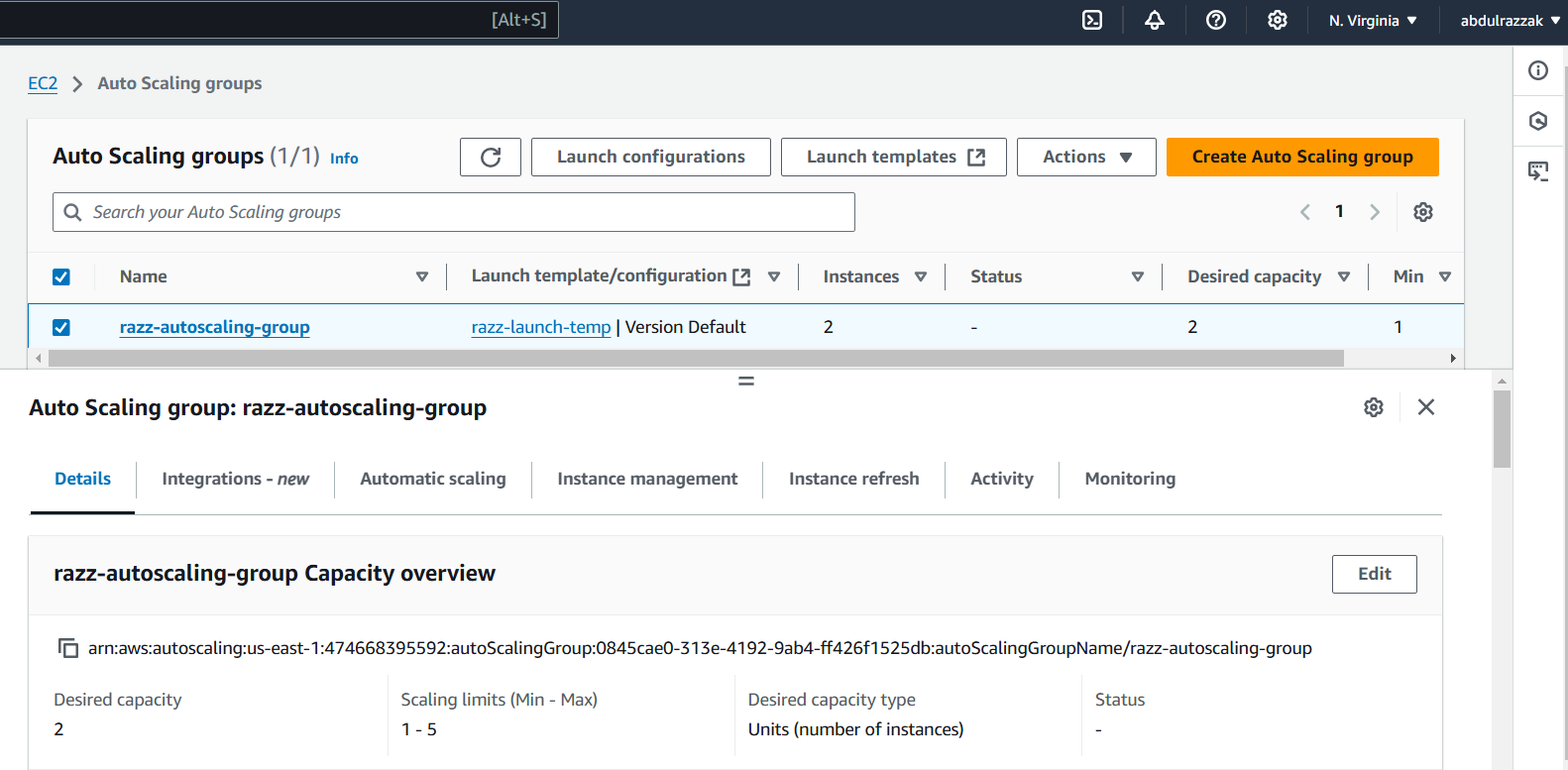
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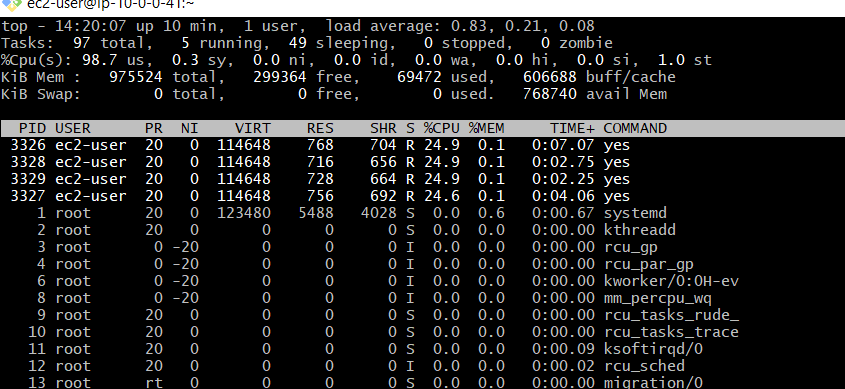
**11) Create Monitoring Dashboards to monitor cpu utilization and to monitor apache service.**

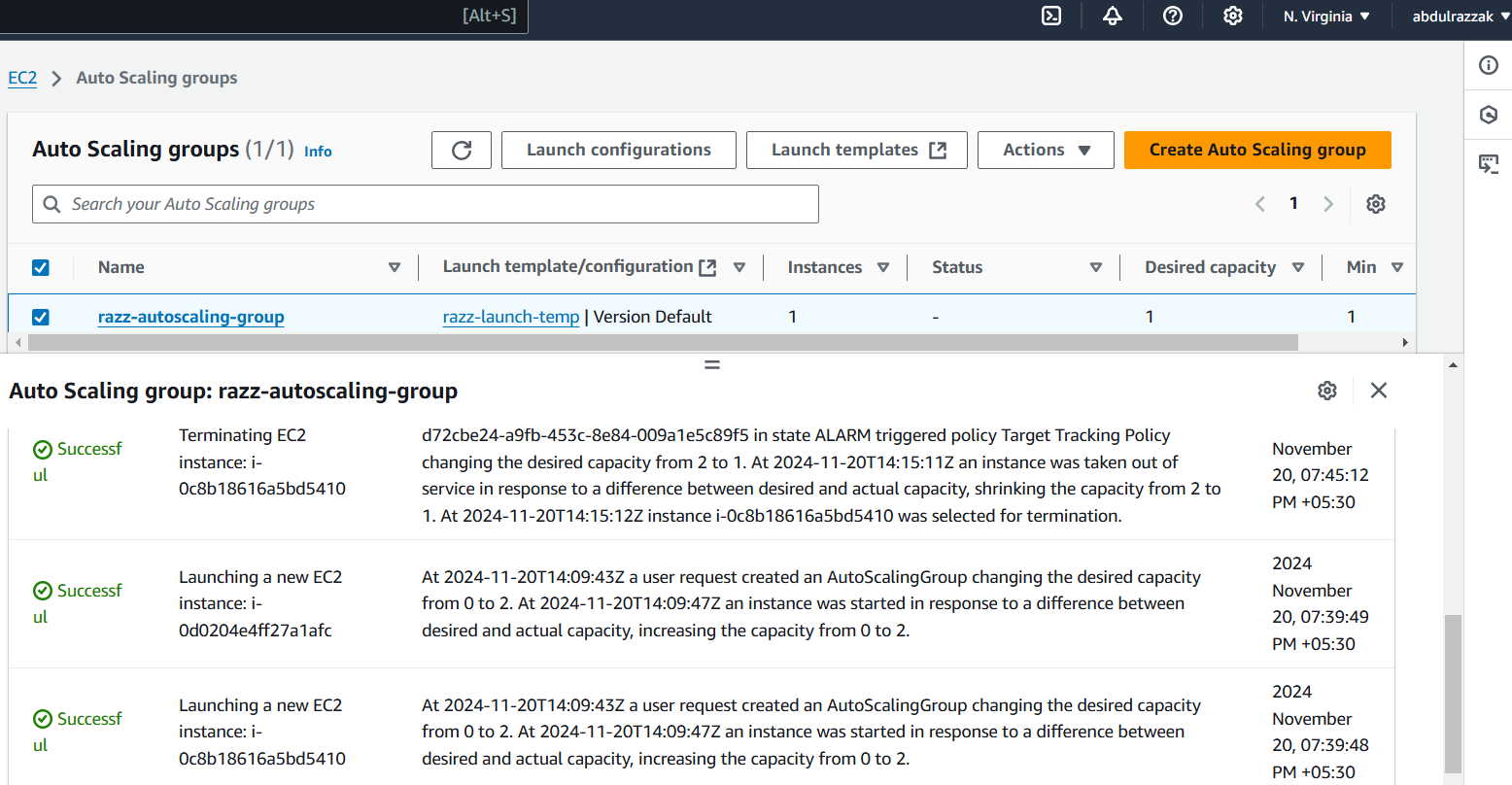
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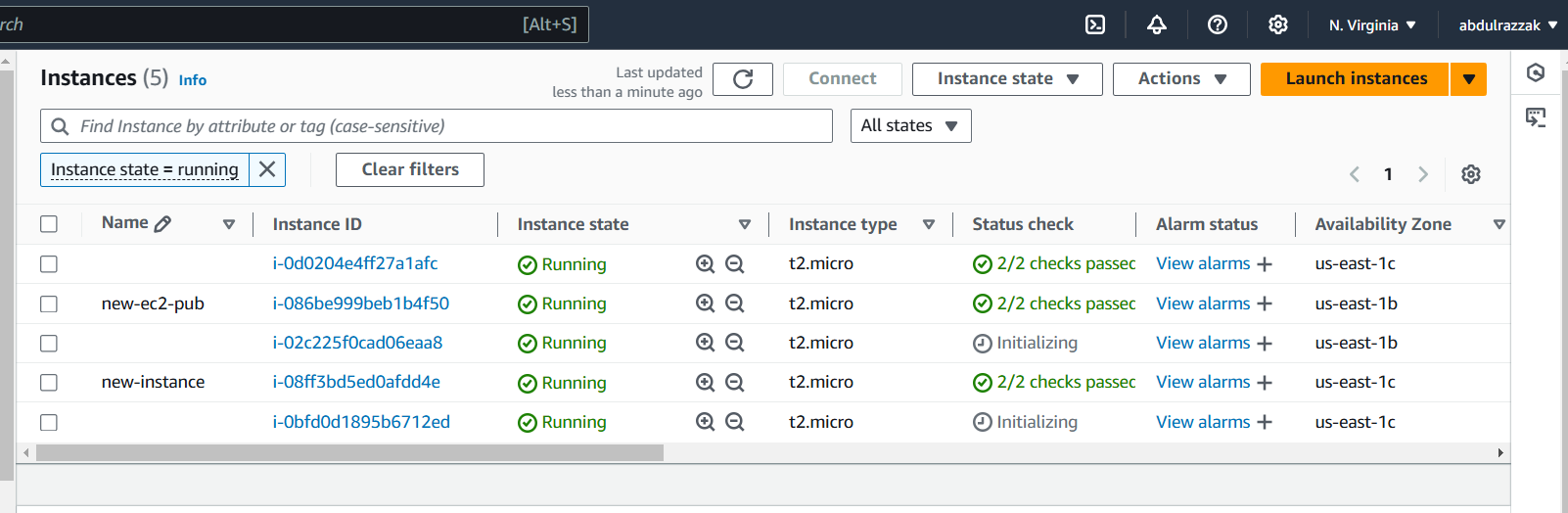
**12) CPU utilizations more than 70% then it should trigger Autoscaling and launch new instance.**

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**#!/bin/bash**

**yum -y install httpd**

**touch /var/www/html/index.html**

**echo "Welcome to ASG" >> /var/www/html/index.html**

**systemctl enable httpd**

**systemctl start httpd**