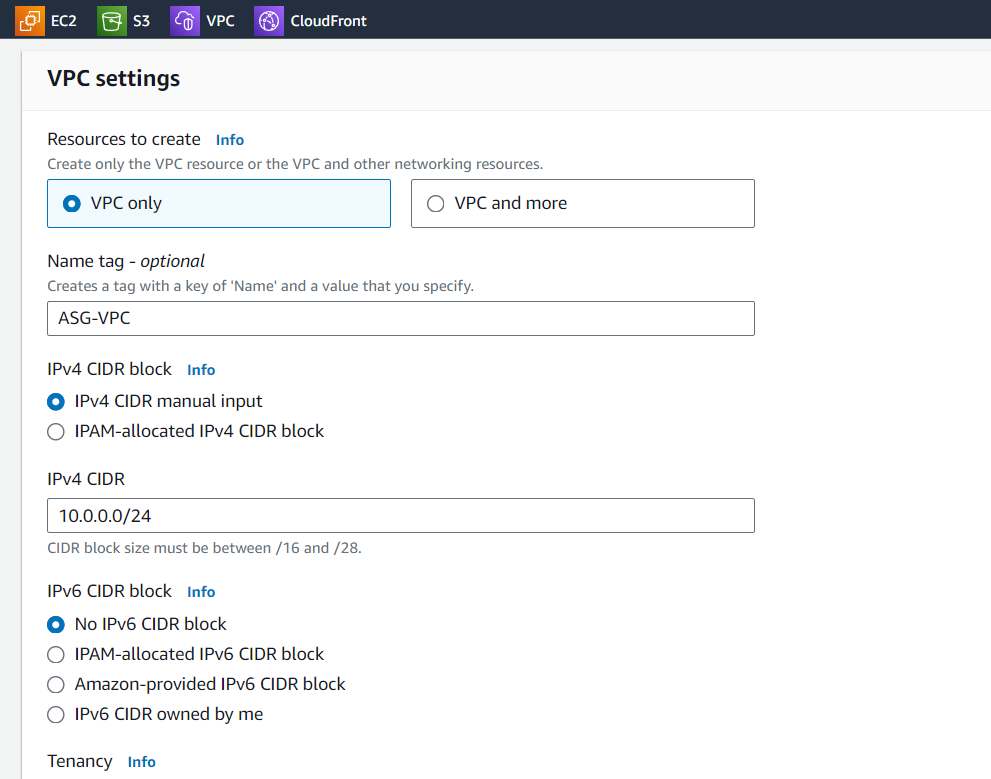
**Auto-scaling tasks**

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

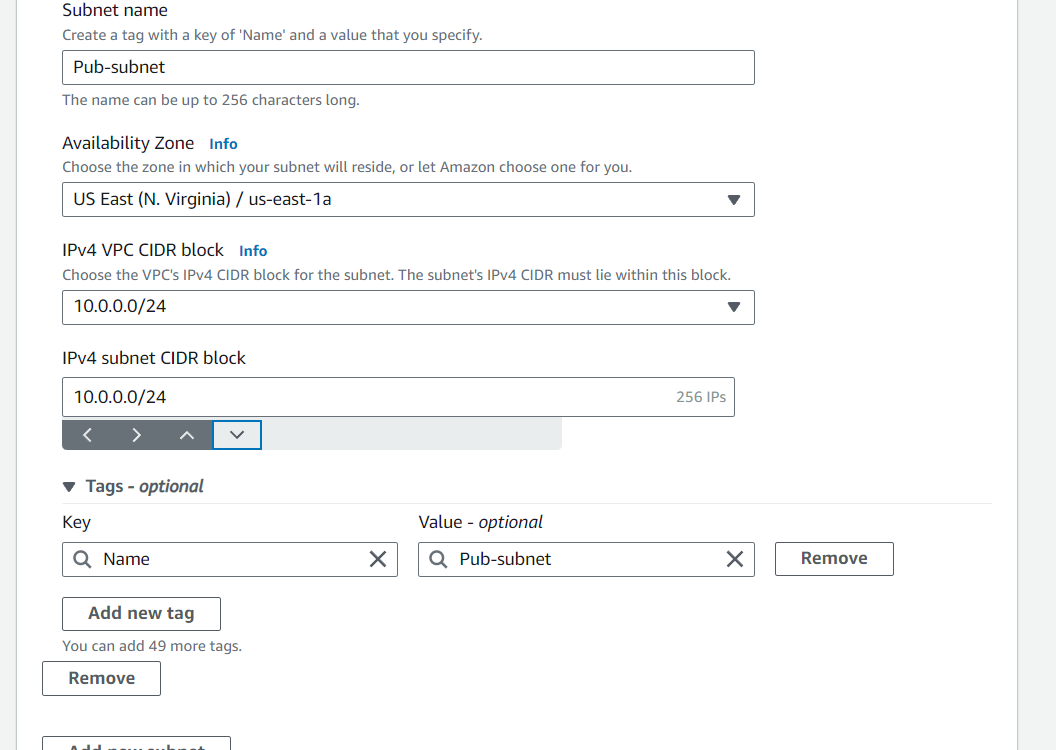


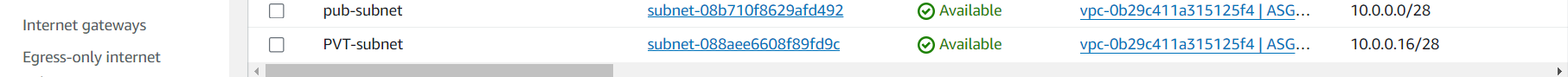
A screenshot of a computer

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**2) Create two subnets.**

**One Public subnet and one private subnet.**



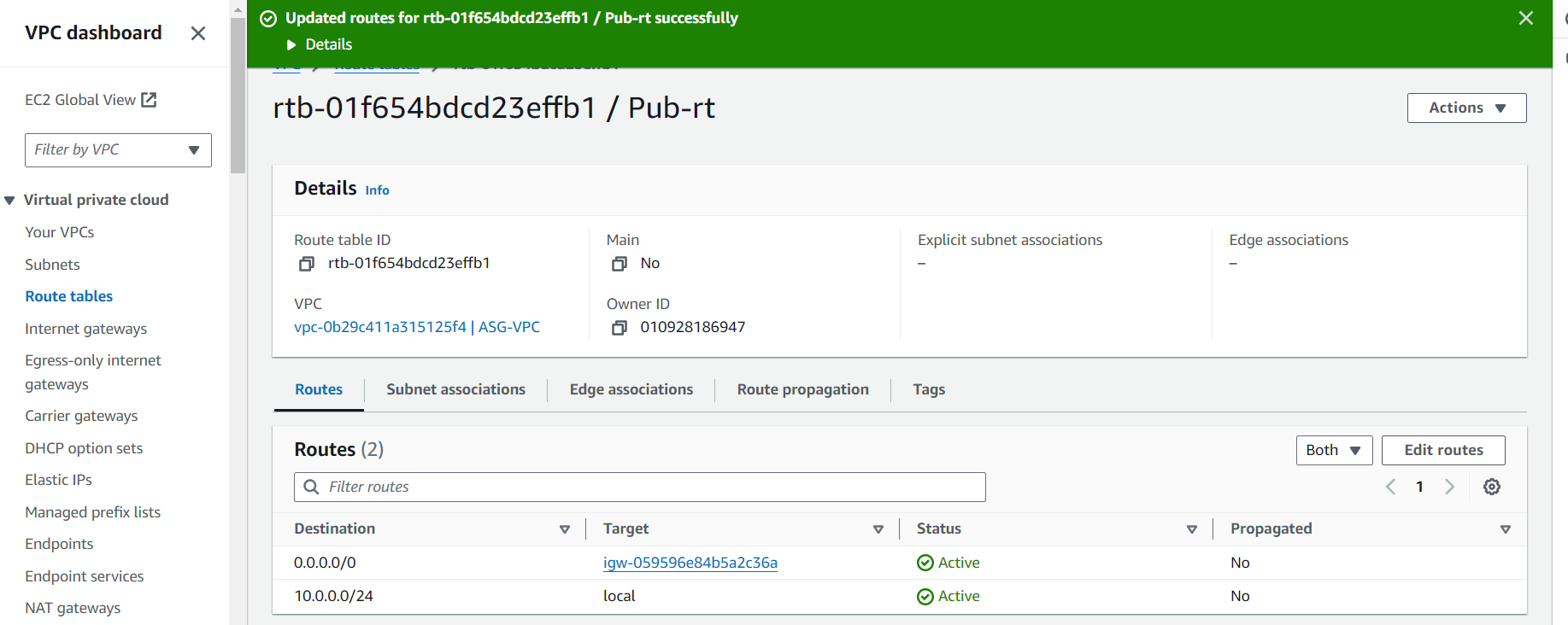


1. **Provide the IGW to the vpc.**

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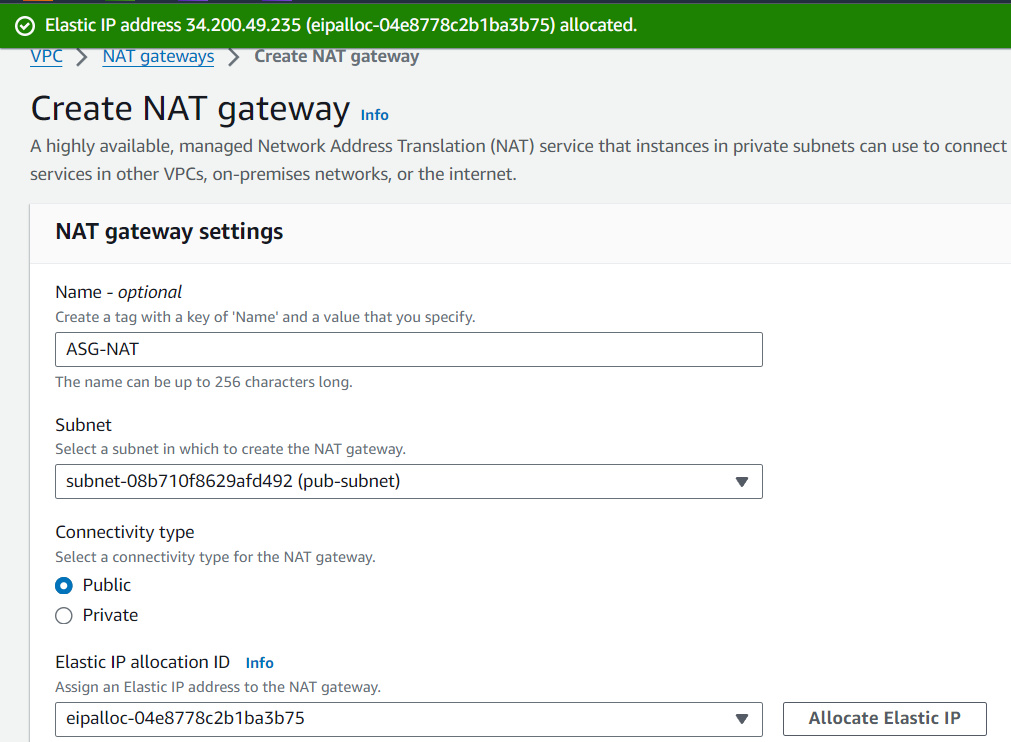
1. **Create One public RT and one private RT.**



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

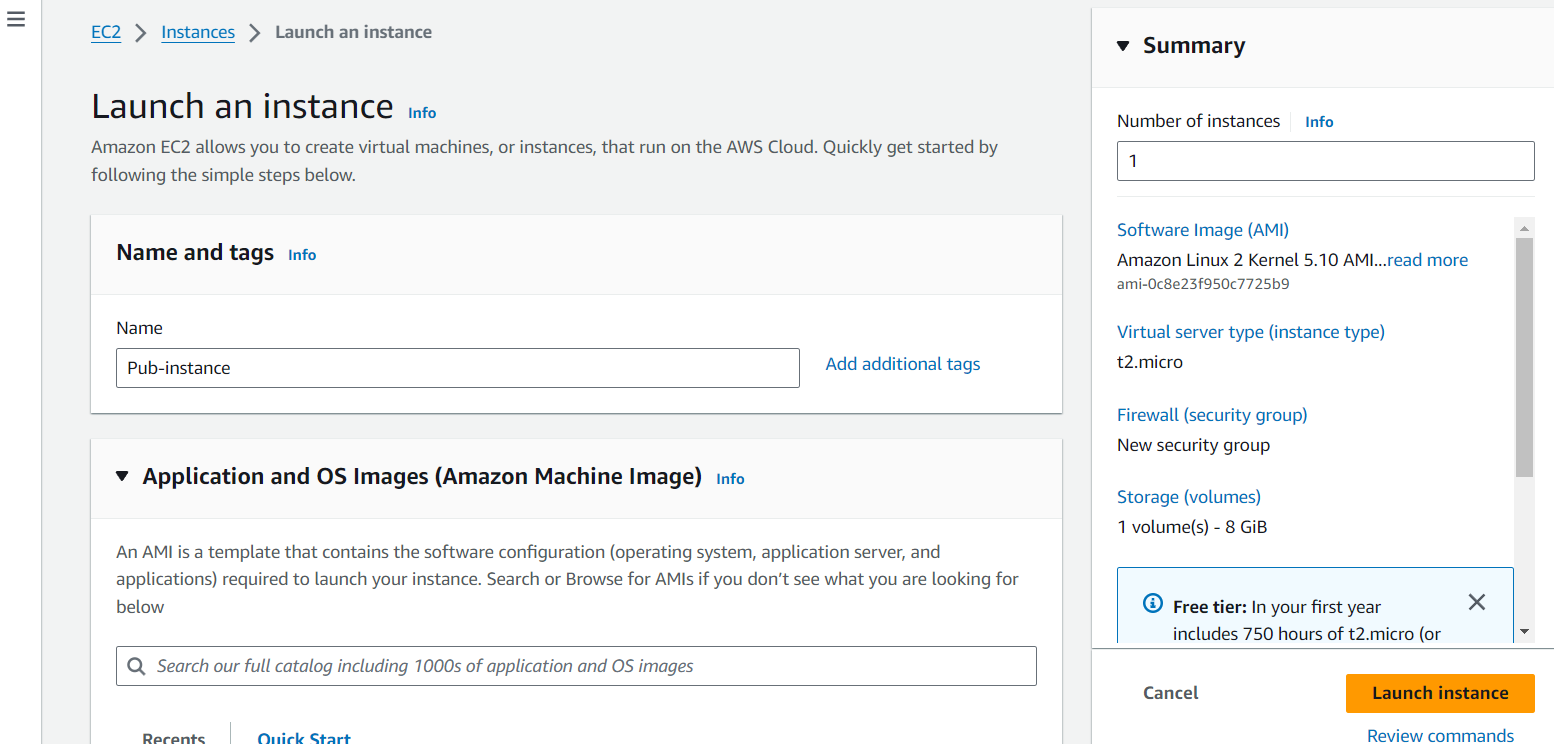


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1. **Create Two instances,one in public subnet and one in private subnet.**

**Creating a instance in public subnet**



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**Create a instance in pvt subnet**

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

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**Create a html file**

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**Now connect with pvt instance via jump server by generating ssh keygen.**

**Copy the pemkey and create a new file and paste the pemkey. And then connect with new pemkey with pvt address**

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A computer screen shot of a number

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

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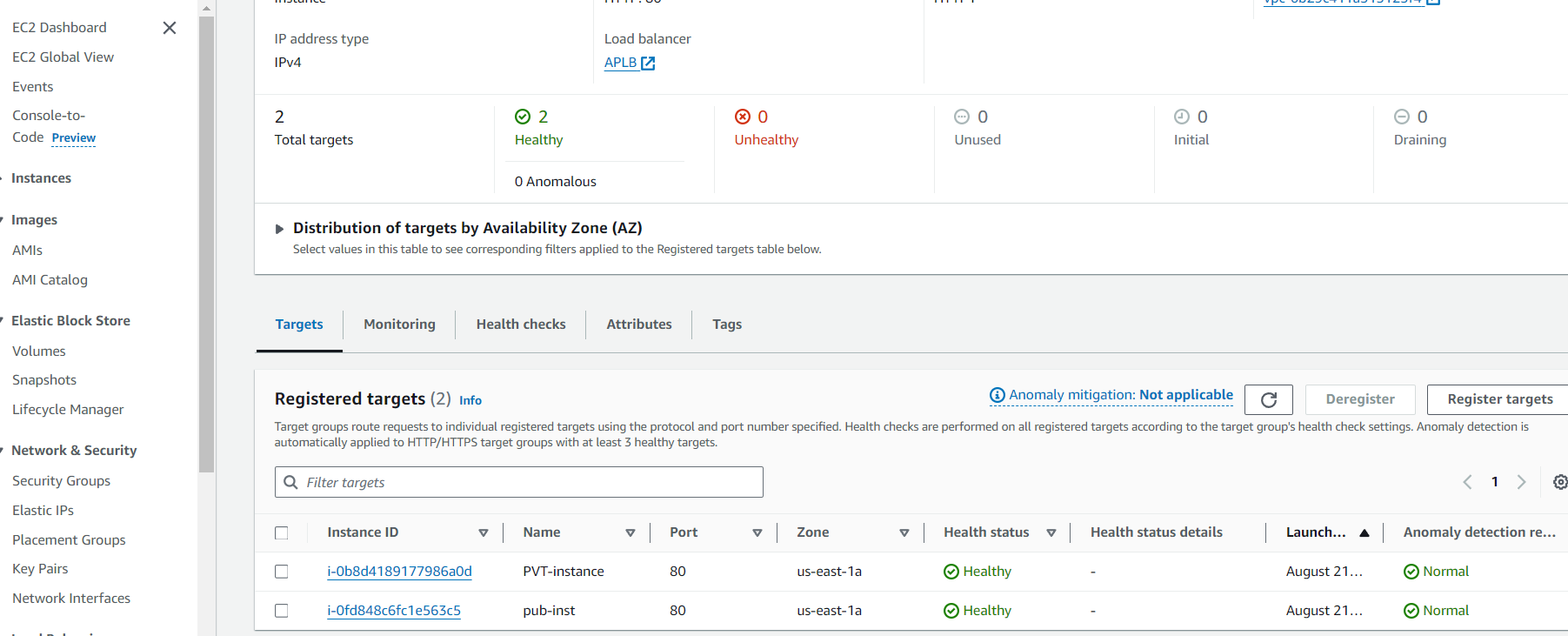
Description automatically generated

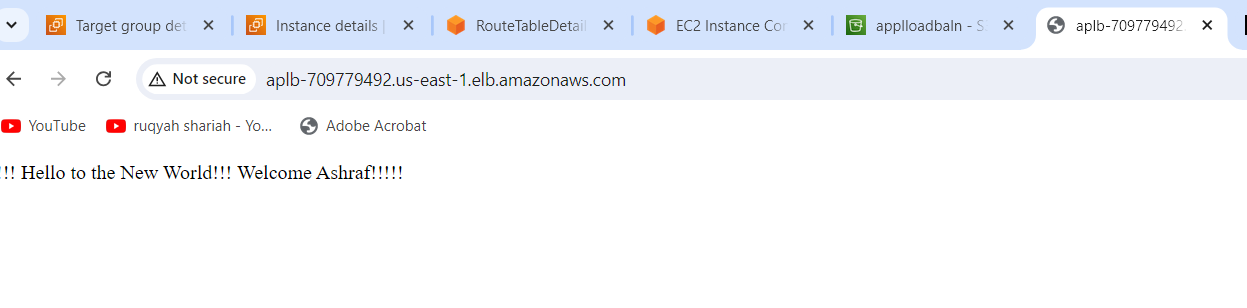
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1. **Store Application load balancer logs to s3.**

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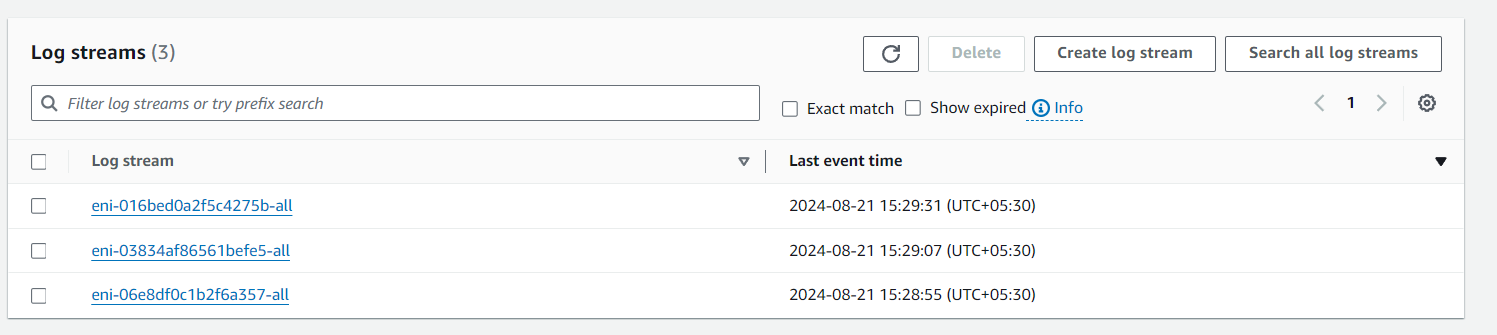
A screenshot of a computer

Description automatically generated

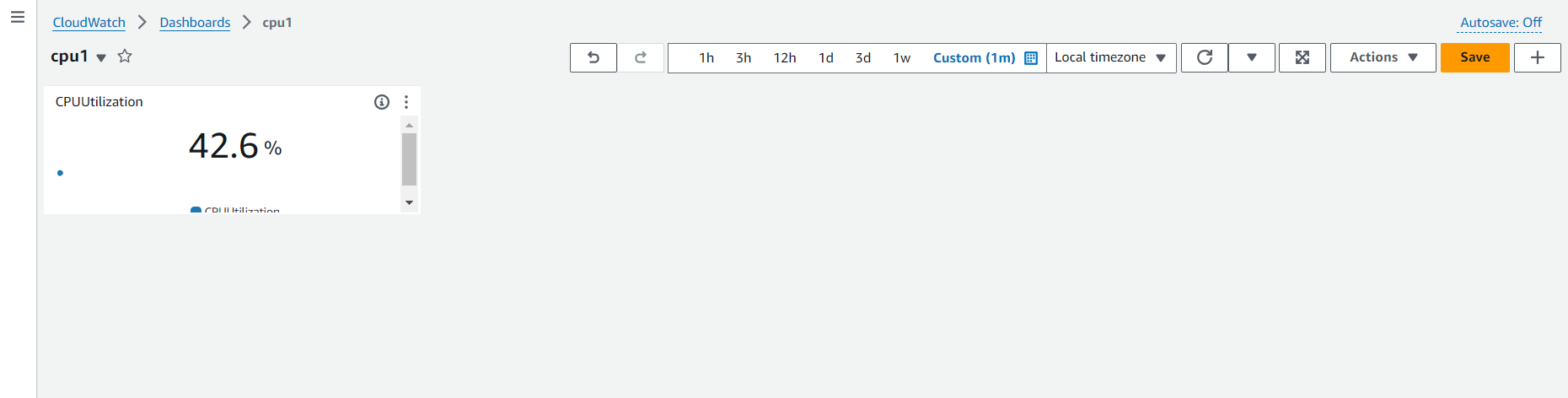
1. **Store the vpc flow logs to cloudwtach group.**

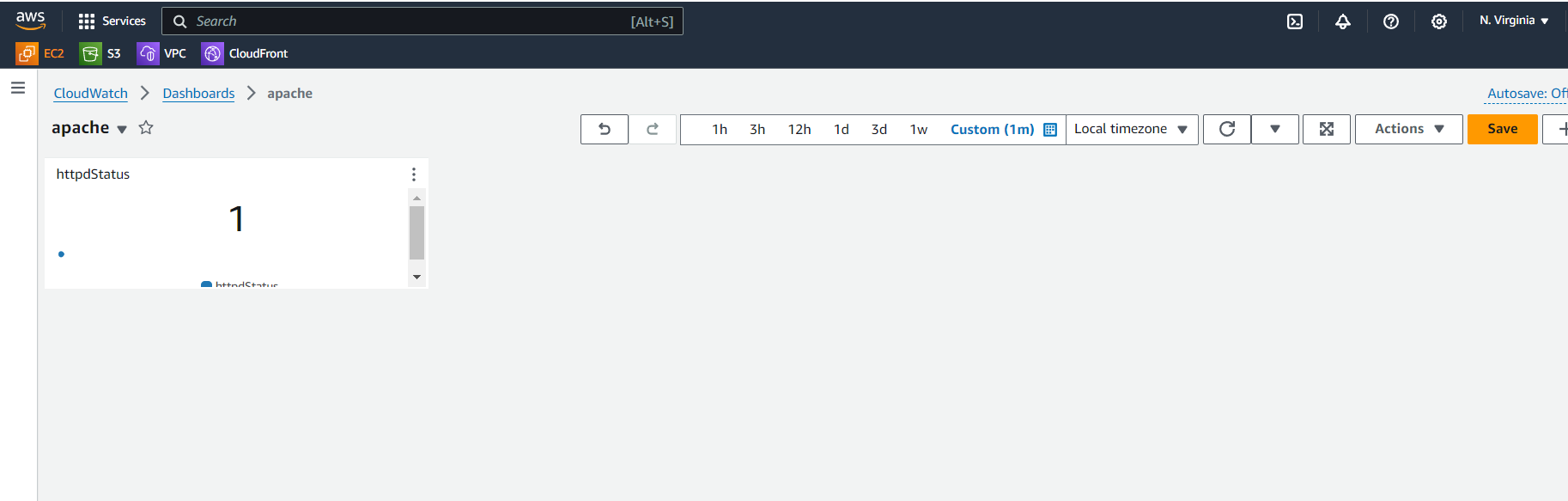
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1. **Create Monitoring Dashboards to monitor cpu utilization and to monitor apache service.**





1. **CPU utilizationis more than 70% then it should triggere Autoscaling and launch new instance.**

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