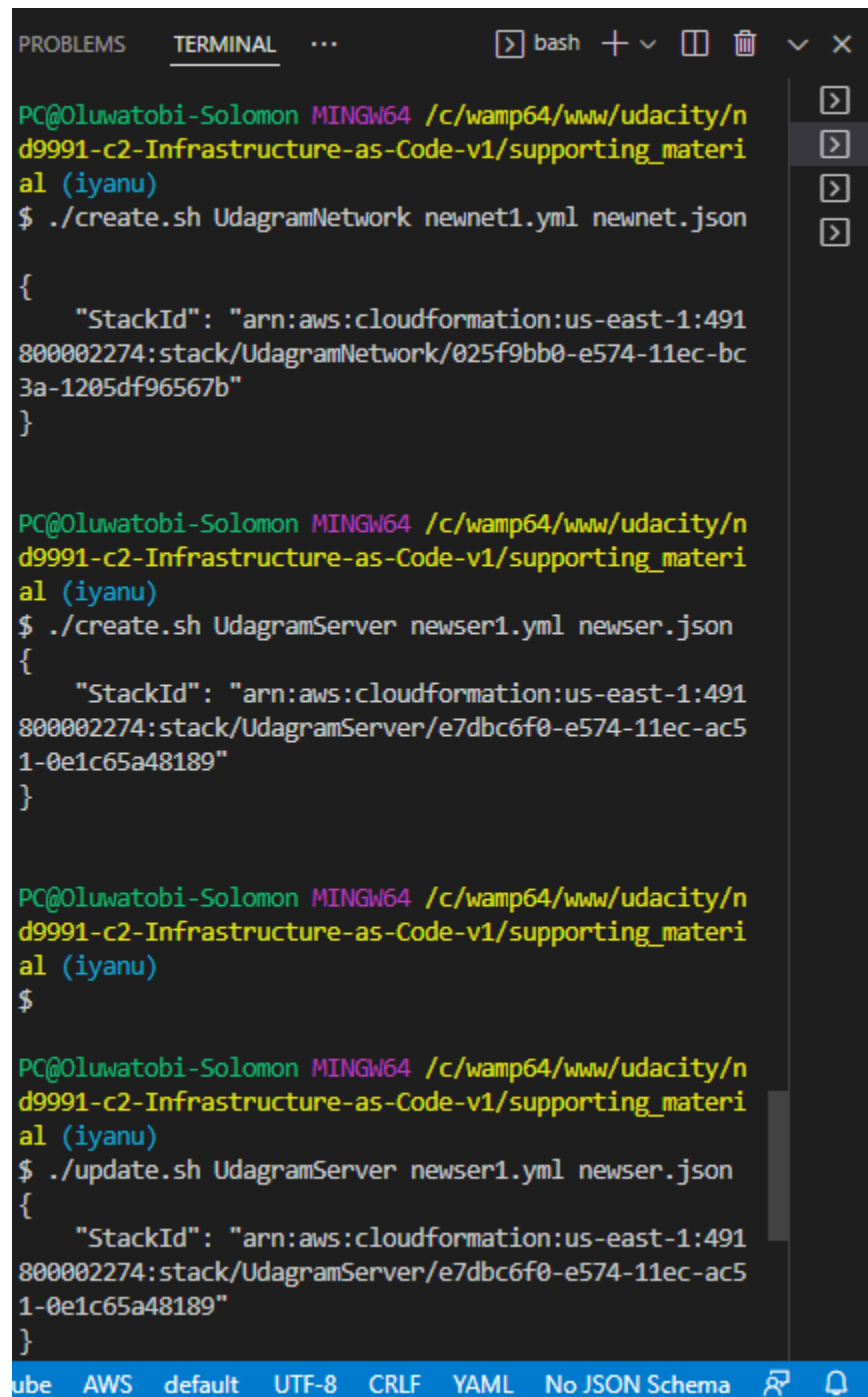


# UDAGRAM PROJECT DOCUMENTATION

WEBLINK: [Udagram - Udacity Instagram Clone \(udagr-webap-d6itubknf2la-328851360.us-east-1.elb.amazonaws.com\)](https://udagr-webap-d6itubknf2la-328851360.us-east-1.elb.amazonaws.com)



The image shows a terminal window with a dark background. At the top, there are tabs for 'PROBLEMS', 'TERMINAL', and '...'. The 'TERMINAL' tab is active, showing a bash prompt. The terminal output shows the execution of two scripts: `./create.sh` and `./update.sh`. Both scripts output a JSON object containing a `StackId`. The `StackId` for both is `"arn:aws:cloudformation:us-east-1:491800002274:stack/UdagramNetwork/025f9bb0-e574-11ec-bc3a-1205df96567b"` for the first script and `"arn:aws:cloudformation:us-east-1:491800002274:stack/UdagramServer/e7dbc6f0-e574-11ec-ac51-0e1c65a48189"` for the second script. The terminal also shows the prompt `PC@Oluwatobi-Solomon MINGW64 /c/wamp64/www/udacity/nd9991-c2-Infrastructure-as-Code-v1/supporting_material (iyanu)` and the command `$ ./create.sh UdagramNetwork newnet1.yml newnet.json` and `$ ./update.sh UdagramServer newser1.yml newser.json`. The bottom of the terminal window shows a status bar with 'ube', 'AWS', 'default', 'UTF-8', 'CRLF', 'YAML', 'No JSON Schema', and icons for a search and a bell.

```
PC@Oluwatobi-Solomon MINGW64 /c/wamp64/www/udacity/nd9991-c2-Infrastructure-as-Code-v1/supporting_material (iyanu)
$ ./create.sh UdagramNetwork newnet1.yml newnet.json

{
  "StackId": "arn:aws:cloudformation:us-east-1:491800002274:stack/UdagramNetwork/025f9bb0-e574-11ec-bc3a-1205df96567b"
}

PC@Oluwatobi-Solomon MINGW64 /c/wamp64/www/udacity/nd9991-c2-Infrastructure-as-Code-v1/supporting_material (iyanu)
$ ./create.sh UdagramServer newser1.yml newser.json

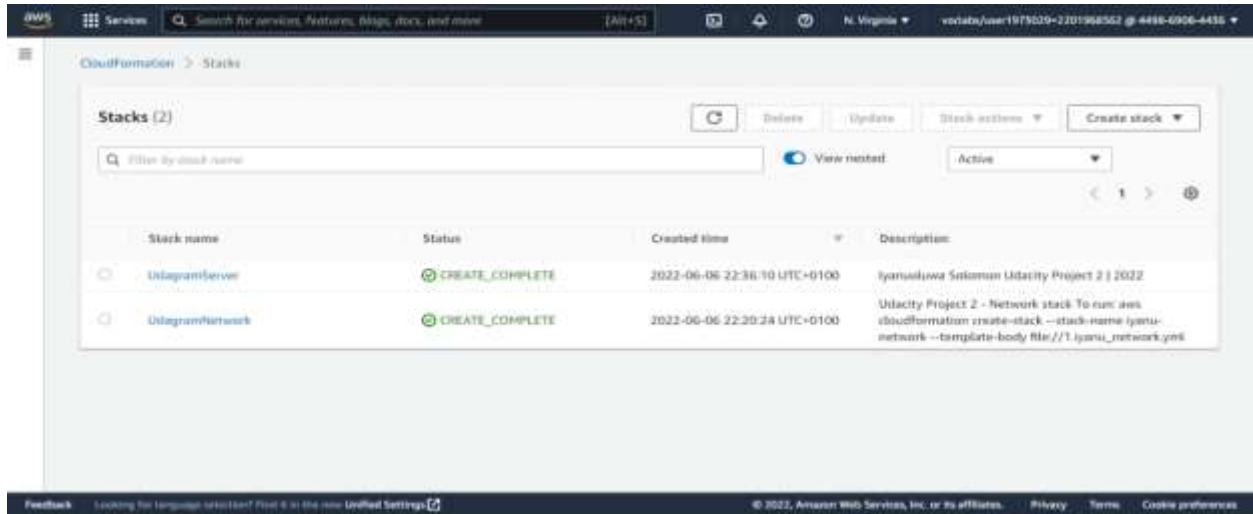
{
  "StackId": "arn:aws:cloudformation:us-east-1:491800002274:stack/UdagramServer/e7dbc6f0-e574-11ec-ac51-0e1c65a48189"
}

PC@Oluwatobi-Solomon MINGW64 /c/wamp64/www/udacity/nd9991-c2-Infrastructure-as-Code-v1/supporting_material (iyanu)
$

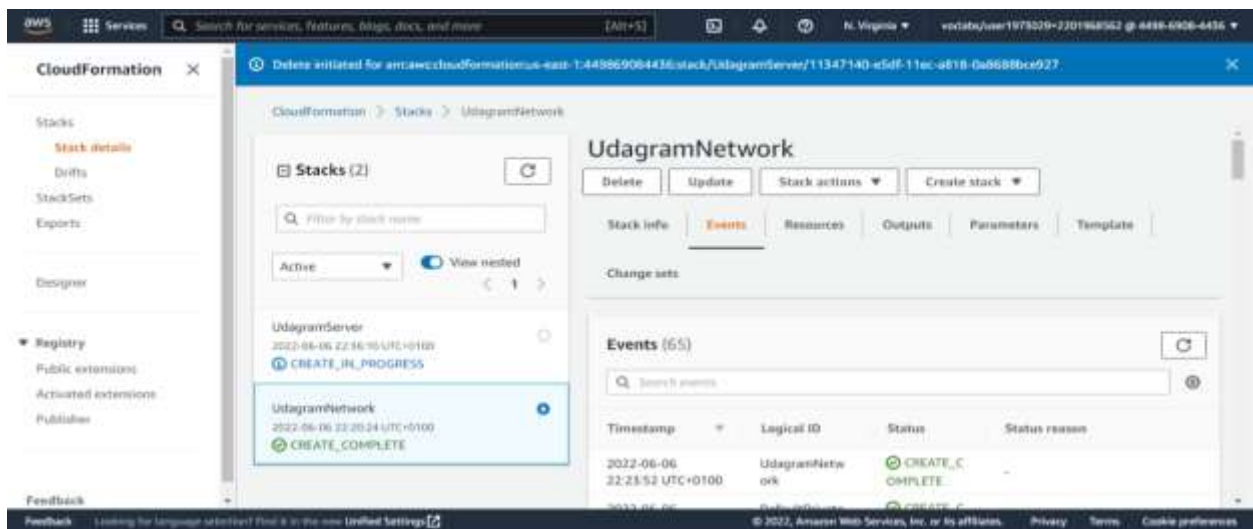
PC@Oluwatobi-Solomon MINGW64 /c/wamp64/www/udacity/nd9991-c2-Infrastructure-as-Code-v1/supporting_material (iyanu)
$ ./update.sh UdagramServer newser1.yml newser.json

{
  "StackId": "arn:aws:cloudformation:us-east-1:491800002274:stack/UdagramServer/e7dbc6f0-e574-11ec-ac51-0e1c65a48189"
}
```

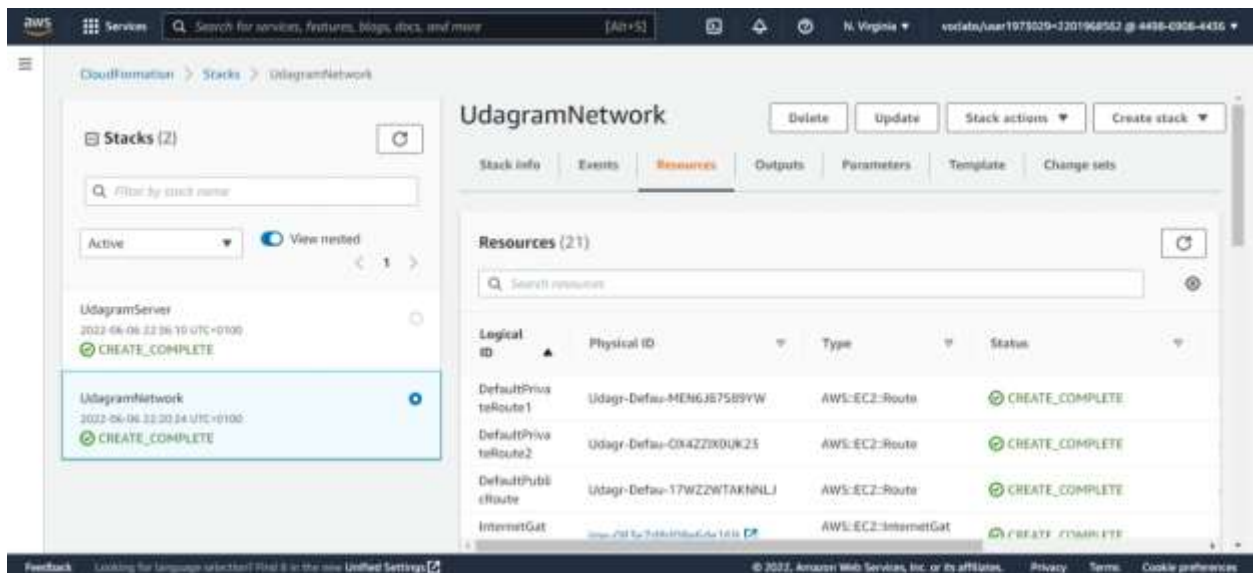
CloudFormation scripts running



## CLOUDFORMATION SCRIPT EXECUTED



## UDAGRAM NETWORK EVENT



## UDAGRAM NETWORK RESOURCES

**UdagramNetwork**

Stack info | Events | Resources | **Outputs** | Parameters | Template | Change sets

**Outputs (11)**

Key	Value	Description	Export name
BastionSubnet	subnet-053458bab4035754c	A ref to the bastion subnet in AZ1	UdagramProject-BAST-SN
PrivateSubnet1	subnet-0f2ebcb48ac7a1401	A ref to the private subnet in AZ1	UdagramProject-PRV1-SN
PrivateSubnet2	subnet-01bc551a6522d0e81	A ref to the private subnet in AZ2	UdagramProject-PRV2-SN
PrivateSubnets	subnet-0f2ebcb48ac7a1401,subnet-01bc551a6522d0e81	A list of all public subnets	UdagramProject-PRV-NETS

## UDAGRAM NETWORK OUTPUT

**UdagramServer**

Stack info | **Events** | Resources | Outputs | Parameters | Template | Change sets

**Events (5)**

Timestamp	Logical ID	Status	Status reason
2022-06-06 22:39:21 UTC+0100	UdagramServer	CREATE_COMPLETE	-
2022-06-06 22:39:19 UTC+0100	WebAppGroups	CREATE_COMPLETE	-
2022-06-06 22:38:46 UTC+0100	WebAppGroups	CREATE_IN_PROGRESS	Resource creation initiated
2022-06-06 22:38:45 UTC+0100	WebAppGroups	CREATE_IN_PROGRESS	-

## UDAGRAM SERVER EVENT

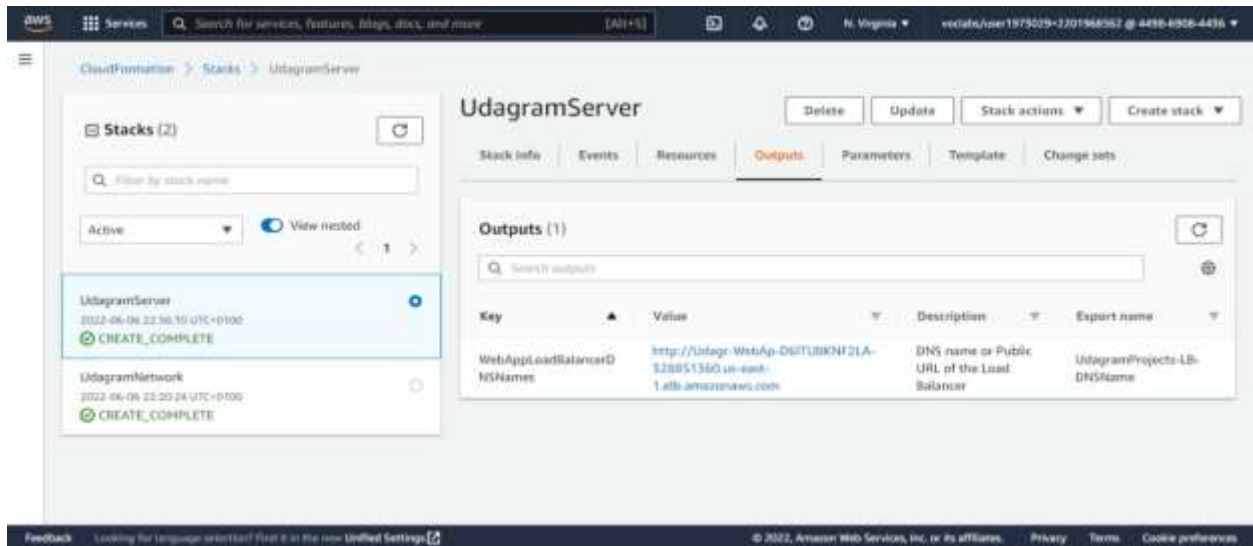
**UdagramServer**

Stack info | Events | **Resources** | Outputs | Parameters | Template | Change sets

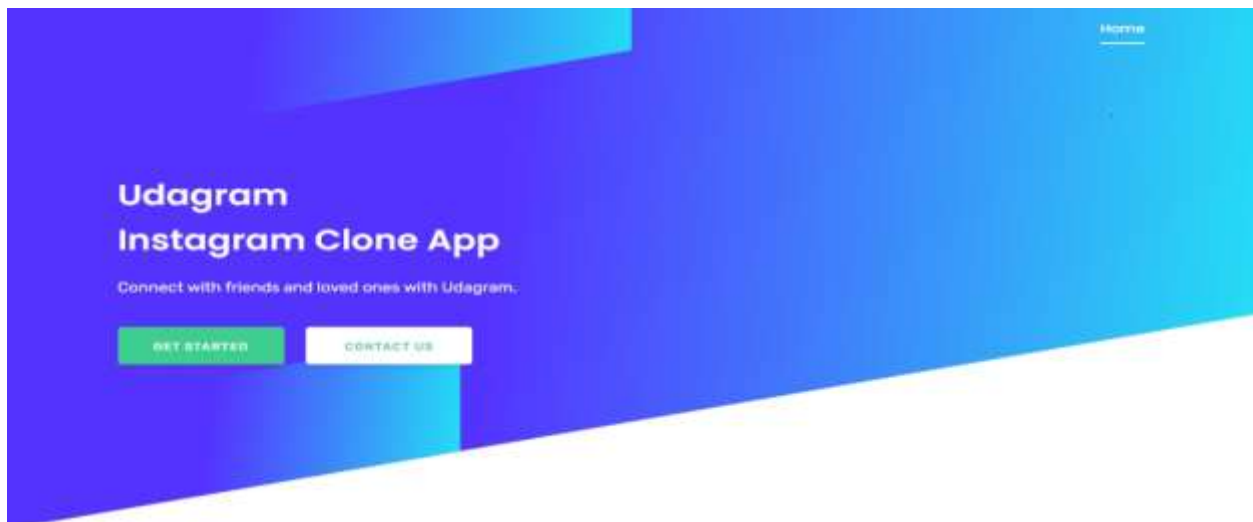
**Resources (12)**

Logical ID	Physical ID	Type	Status
ALBListenerRules	arn:aws:elasticloadbalancing:us-east-1:449609084436:listener-rule/app/Udagram-WebApp-066TUB8K9F2LA/6c69db69c21e144b/8d5797b6578e6440/b1445e1d3ee5bd77	AWS::ElasticLoadBalancingV2::ListenerRule	CREATE_COMPLETE
BastionServers	i-05b3855e1a294x8cf	AWS::EC2::Instance	CREATE_COMPLETE

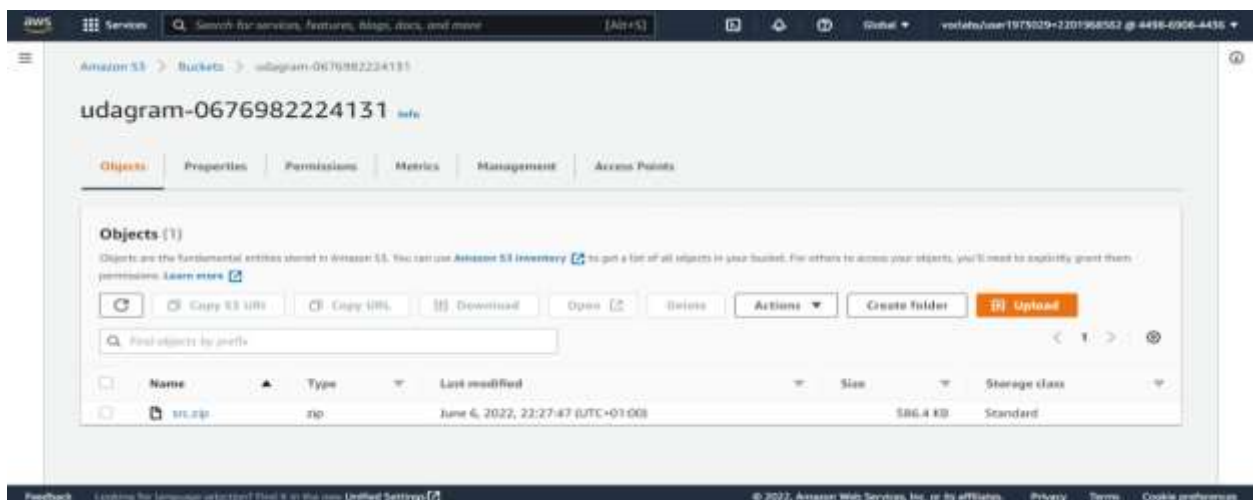
## UDAGRAM SERVER RESOURCES



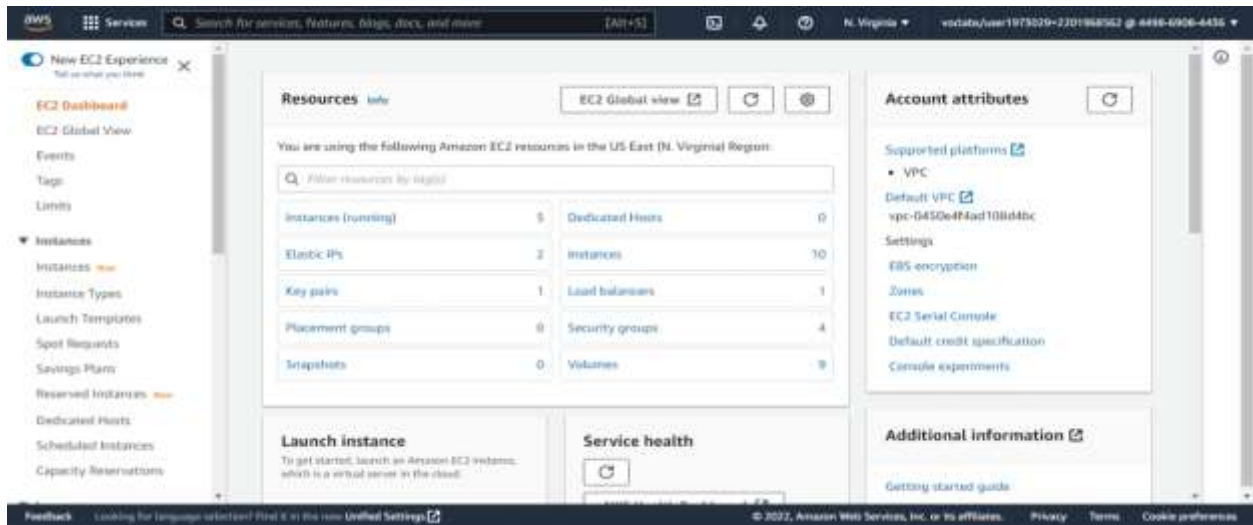
## UDAGRAM SERVER OUTPUT



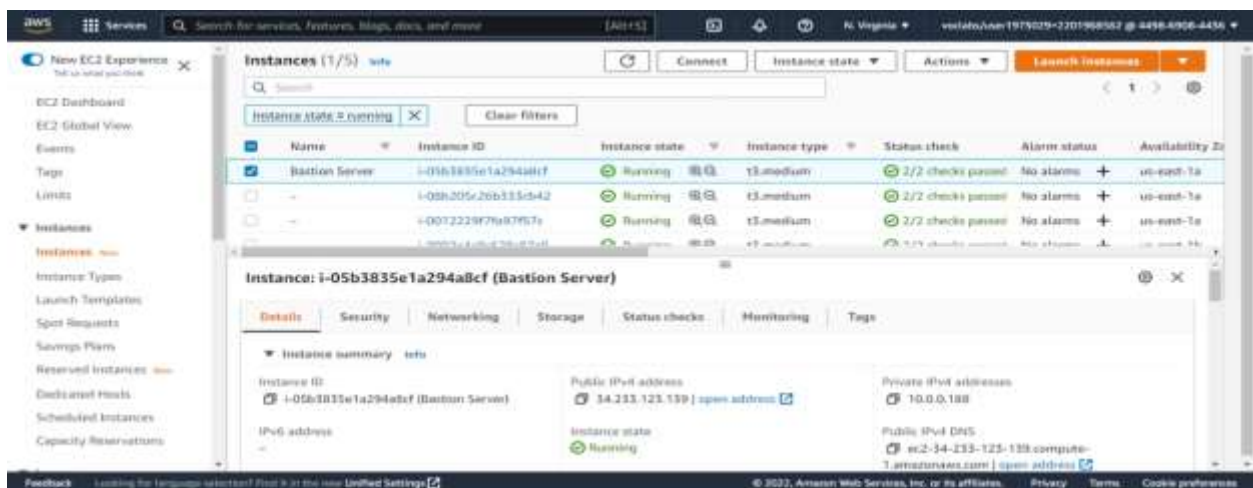
**UDAGRAM APPLICATION PAGE:** [Udagram - Udacity Instagram Clone \(udagr-webap-d6itubknf2la-328851360.us-east-1.elb.amazonaws.com\)](http://Udagr-WebApp-D6ITUBKNF2LA-S28851360.us-east-1.elb.amazonaws.com)



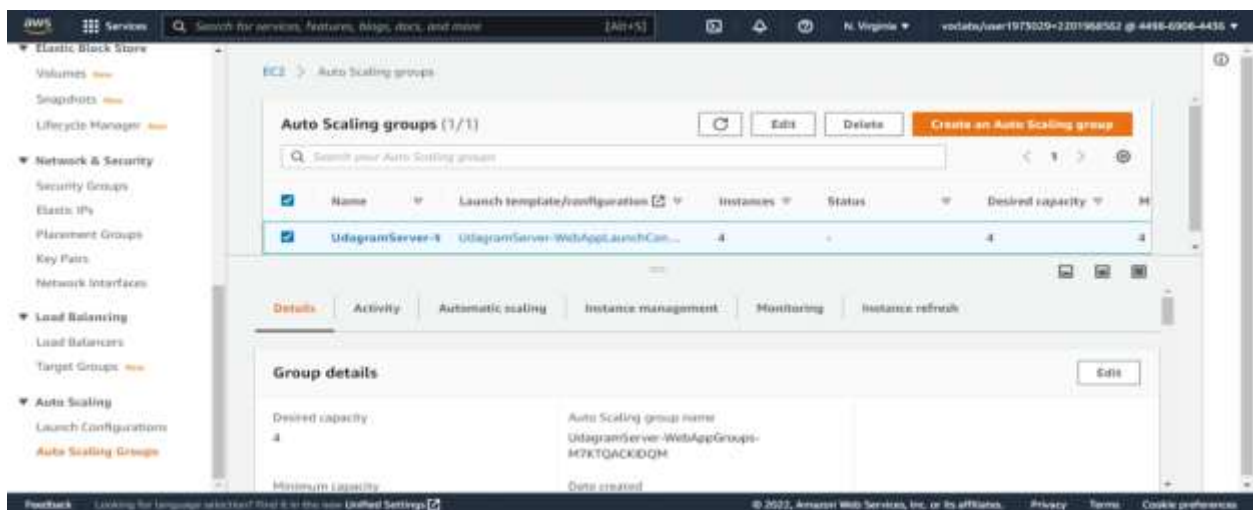
## UDAGRAM S3 BUCKET



## EC2 DASHBOARD



## UDAGRAM INSTANCE PAGE



## UDAGRAM ASG



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New EC2 Experience

EC2 Dashboard  
EC2 Global View  
Events  
Tags  
Limits

▼ Instances  
Instances  
Instance Types  
Launch Templates  
Spot Requests  
Savings Plans  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations

Create Load Balancer Actions

Filter by tags and attributes or search by keyword 1 to 1 of 1

Name	DNS name	State	VPC ID	Availability Zones	Type
Udagi-WebAp-D6ITUBKNF2...	Udagi-WebAp-D6ITUBKNF2...	Active	vpc-02bcb2b28e44ad3aa	us-east-1a, us-east-1b	application

Load balancer: Udagi-WebAp-D6ITUBKNF2LA

Description Listeners Monitoring Integrated services Tags

Basic Configuration

Name	Udagi-WebAp-D6ITUBKNF2LA
ARN	arn:aws:elasticloadbalancing:us-east-1:449669084436:loadbalancerapp/Udagi-WebAp-D6ITUBKNF2LA:6c9d8e9c21e144b
DNS name	Udagi-WebAp-D6ITUBKNF2LA-32B851960.us-east-1.elb.amazonaws.com (A Record)
State	Active
Type	application
Scheme	internet-facing

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## UDAGRAM LOAD BALANCER

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New EC2 Experience

EC2 Dashboard  
EC2 Global View  
Events  
Tags  
Limits

▼ Instances  
Instances  
Instance Types  
Launch Templates  
Spot Requests  
Savings Plans  
Reserved Instances  
Dedicated Hosts  
Scheduled Instances  
Capacity Reservations

EC2 Target groups

Target groups (1/1) info Create target group

Search or filter target groups

Name	ARN	Port	Protocol	Target type
Udagi-WebAp-RLKBTACSESTE	arn:aws:elasticloadbalancing:us-east-1:449669084436:targetgroup/Udagi-WebAp-RLKBTACSESTE/995a75ec73def014	80	HTTP	Instance

Target group: Udagi-WebAp-RLKBTACSESTE

Details Targets Monitoring Health checks Attributes Tags

Details

arn:aws:elasticloadbalancing:us-east-1:449669084436:targetgroup/Udagi-WebAp-RLKBTACSESTE/995a75ec73def014

Target type	Protocol: Port	Protocol version	VPC
Instance	HTTP: 80	HTTP1	vpc-02bcb2b28e44ad3aa

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## UDAGRAM TARGET GROUP