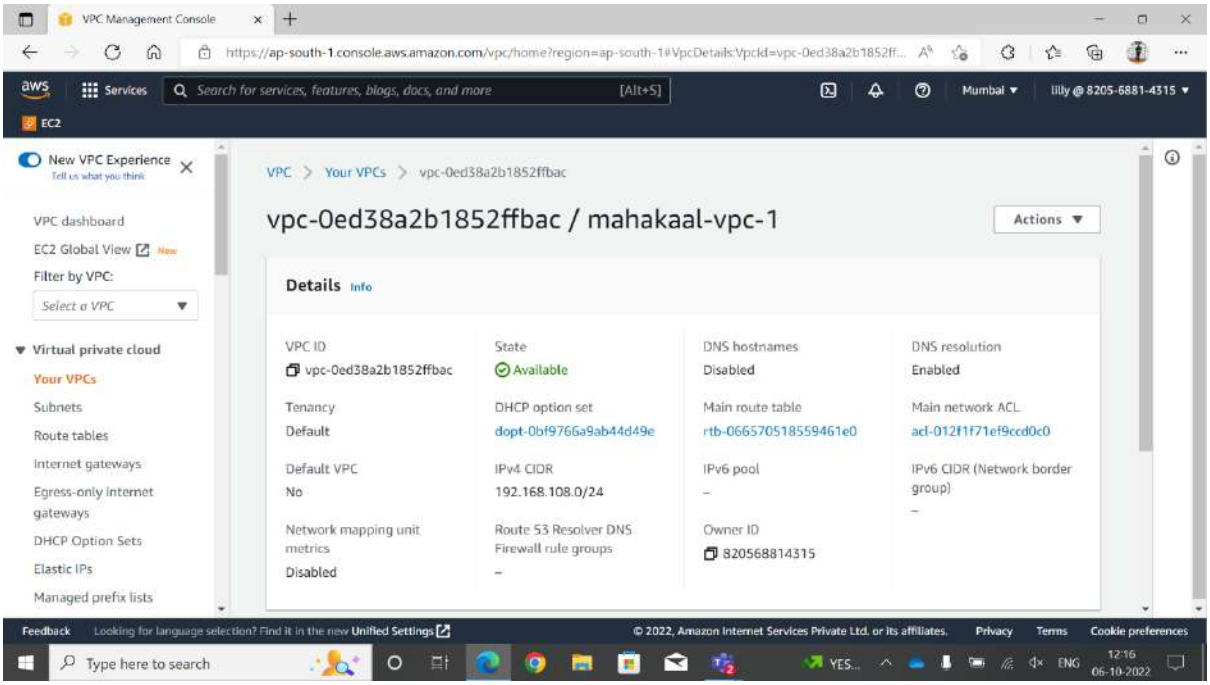
AWS Project

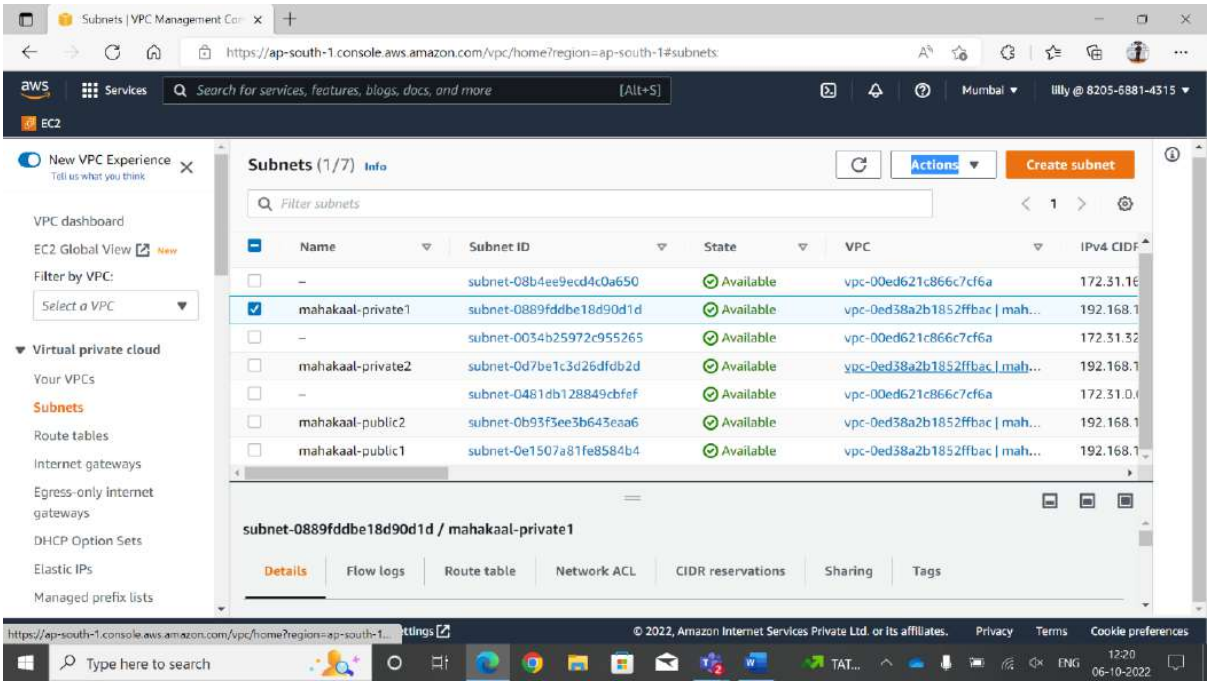
Group Name- Mahakaal

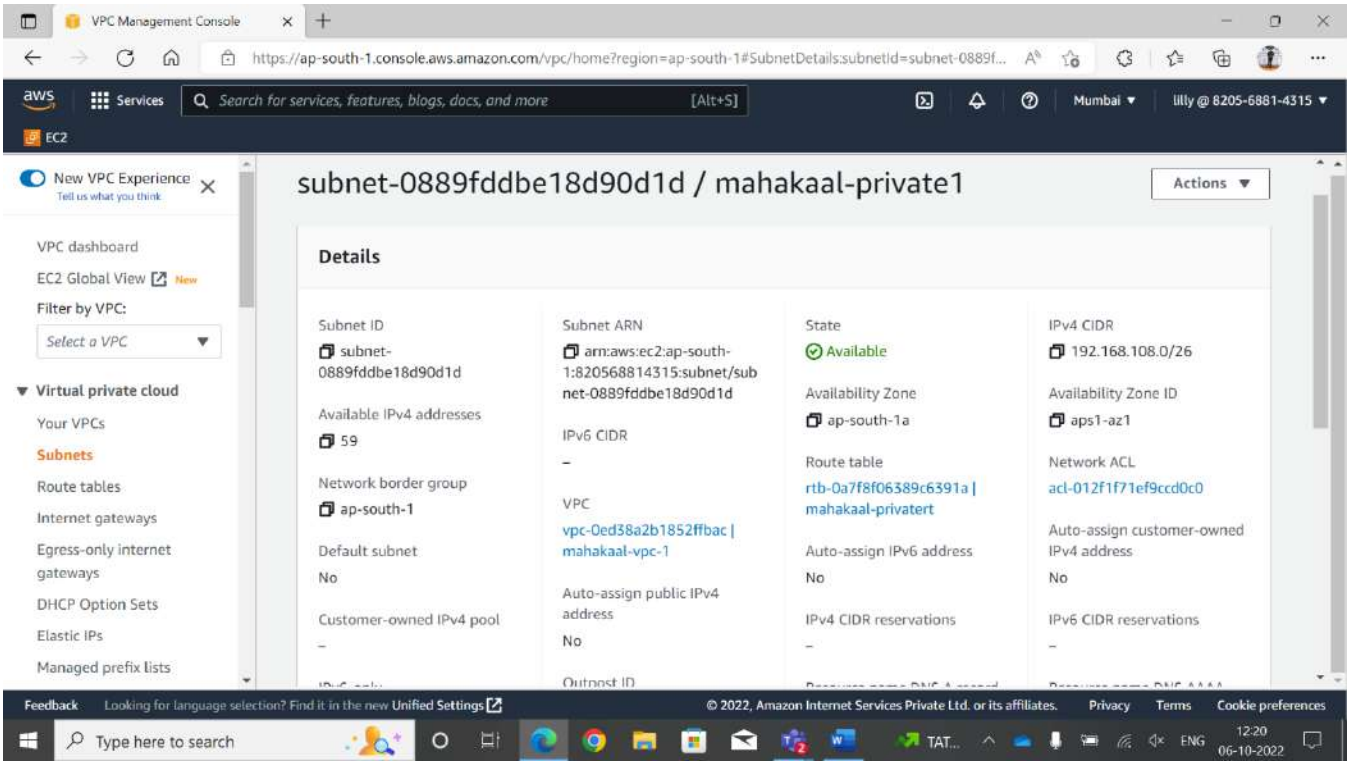
Group Members: Shubham Raj, Satyam Singh, Vikrant Singh, Ritu Raj Kaundilya

- Creating VPC



- Creating Subnets:




VPC Management Console
https://ap-south-1.console.aws.amazon.com/vpc/home?region=ap-south-1#SubnetDetails:subnetId=subnet-0889f...
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Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP Option Sets
Elastic IPs
Managed prefix lists
subnet-0889fddbe18d90d1d / mahakaal-private1
Actions
Details
Subnet ID
subnet-0889fddbe18d90d1d
Subnet ARN
arn:aws:ec2:ap-south-1:820568814315:subnet/subnet-0889fddbe18d90d1d
State
Available
IPv4 CIDR
192.168.108.0/26
Available IPv4 addresses
59
IPv6 CIDR
–
Availability Zone
ap-south-1a
Availability Zone ID
aps1-az1
Network border group
ap-south-1
VPC
vpc-0ed38a2b1852ffbac | mahakaal-vpc-1
Route table
rtb-0a7f8f06389c6391a | mahakaal-privatert
Network ACL
acl-012f1f71ef9ccd0c0
Default subnet
No
Auto-assign public IPv4 address
No
Auto-assign IPv6 address
No
Auto-assign customer-owned IPv4 address
No
Customer-owned IPv4 pool
–
IPv4 CIDR reservations
–
IPv6 CIDR reservations
–
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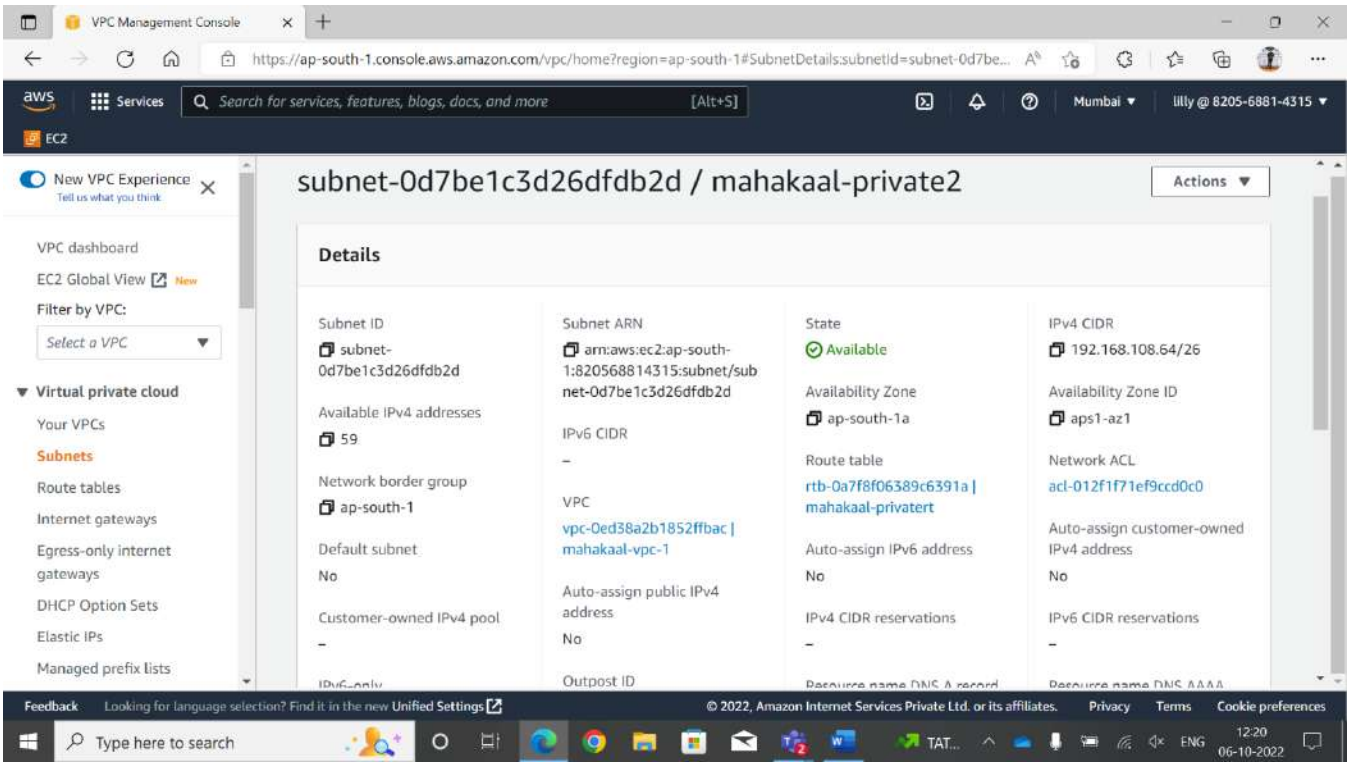
VPC Management Console
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Internet gateways
Egress-only internet gateways
DHCP Option Sets
Elastic IPs
Managed prefix lists
subnet-0d7be1c3d26dfdb2d / mahakaal-private2
Actions
Details
Subnet ID
subnet-0d7be1c3d26dfdb2d
Subnet ARN
arn:aws:ec2:ap-south-1:820568814315:subnet/subnet-0d7be1c3d26dfdb2d
State
Available
IPv4 CIDR
192.168.108.64/26
Available IPv4 addresses
59
IPv6 CIDR
–
Availability Zone
ap-south-1a
Availability Zone ID
aps1-az1
Network border group
ap-south-1
VPC
vpc-0ed38a2b1852ffbac | mahakaal-vpc-1
Route table
rtb-0a7f8f06389c6391a | mahakaal-privatert
Network ACL
acl-012f1f71ef9ccd0c0
Default subnet
No
Auto-assign public IPv4 address
No
Auto-assign IPv6 address
No
Auto-assign customer-owned IPv4 address
No
Customer-owned IPv4 pool
–
IPv4 CIDR reservations
–
IPv6 CIDR reservations
–
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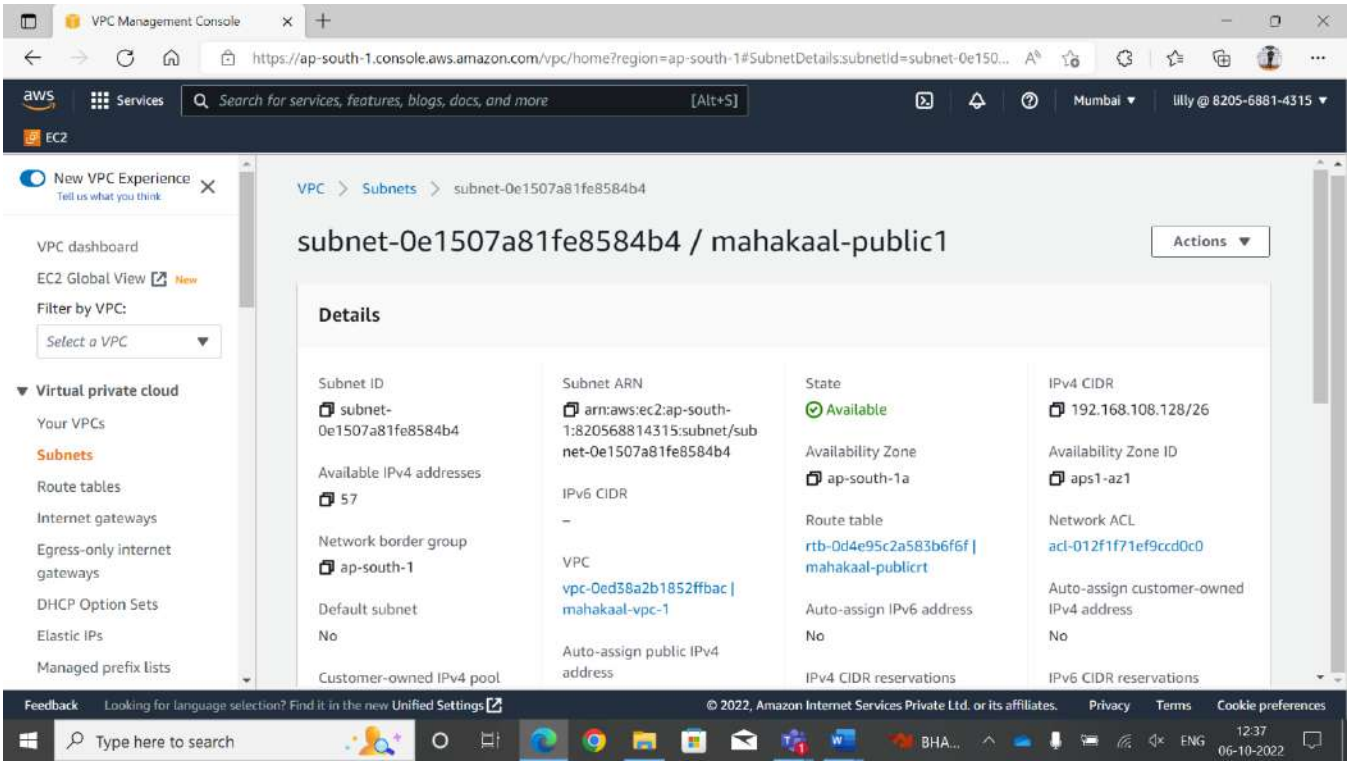
VPC Management Console
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Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP Option Sets
Elastic IPs
Managed prefix lists
VPC > Subnets > subnet-0e1507a81fe8584b4
subnet-0e1507a81fe8584b4 / mahakaal-public1
Actions
Details
Subnet ID
subnet-0e1507a81fe8584b4
Subnet ARN
arn:aws:ec2:ap-south-1:820568814315:subnet/subnet-0e1507a81fe8584b4
State
Available
IPv4 CIDR
192.168.108.128/26
Available IPv4 addresses
57
IPv6 CIDR
–
Availability Zone
ap-south-1a
Availability Zone ID
aps1-az1
Network border group
ap-south-1
VPC
vpc-0ed38a2b1852ffbac | mahakaal-vpc-1
Route table
rtb-0d4e95c2a583b6f6f | mahakaal-publicrt
Network ACL
acl-012f1f71ef9ccd0c0
Default subnet
No
Auto-assign public IPv4 address
Auto-assign IPv6 address
No
Auto-assign customer-owned IPv4 address
No
Customer-owned IPv4 pool
IPv4 CIDR reservations
IPv6 CIDR reservations
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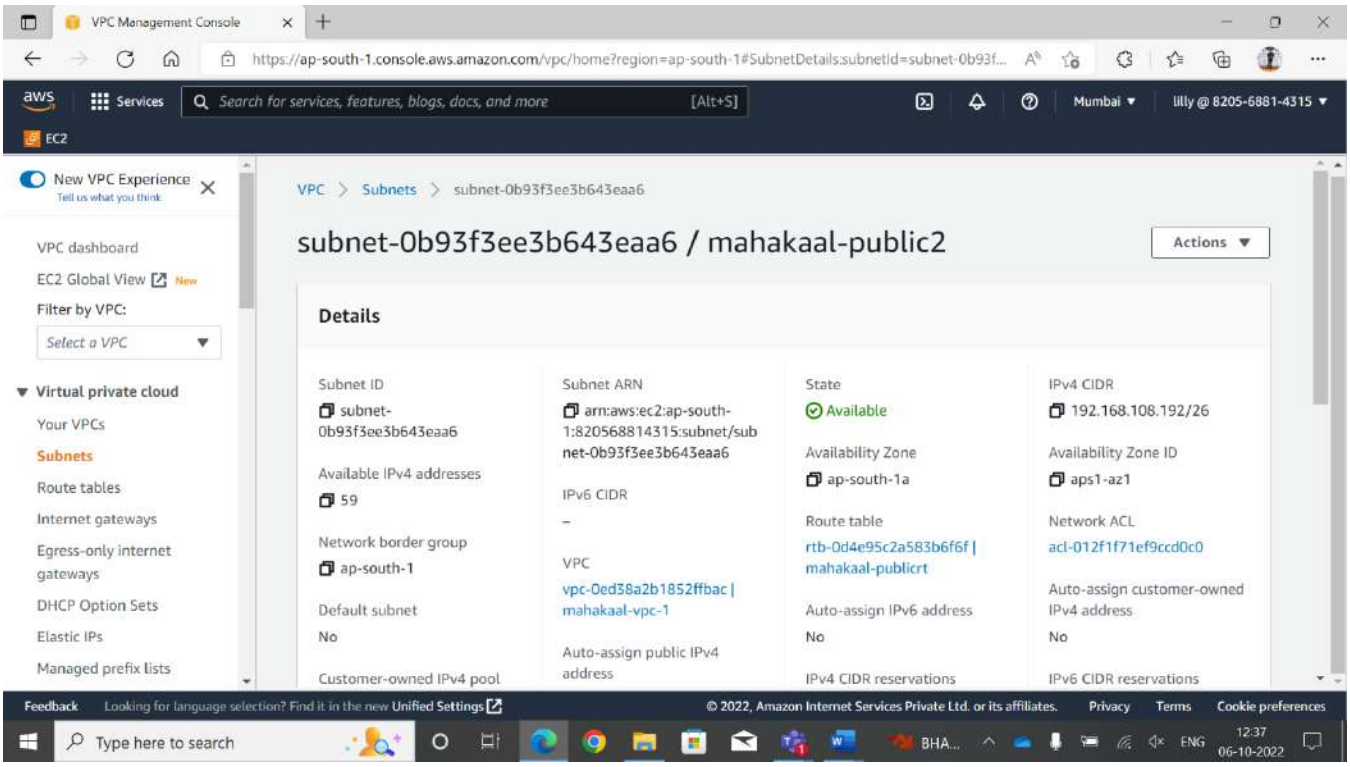
VPC Management Console
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Egress-only internet gateways
DHCP Option Sets
Elastic IPs
Managed prefix lists
VPC > Subnets > subnet-0b93f3ee3b643eaa6
subnet-0b93f3ee3b643eaa6 / mahakaal-public2
Actions
Details
Subnet ID
subnet-0b93f3ee3b643eaa6
Subnet ARN
arn:aws:ec2:ap-south-1:820568814315:subnet/subnet-0b93f3ee3b643eaa6
State
Available
IPv4 CIDR
192.168.108.192/26
Available IPv4 addresses
59
IPv6 CIDR
–
Availability Zone
ap-south-1a
Availability Zone ID
aps1-az1
Network border group
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vpc-0ed38a2b1852ffbac | mahakaal-vpc-1
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Default subnet
No
Auto-assign public IPv4 address
Auto-assign IPv6 address
No
Auto-assign customer-owned IPv4 address
No
Customer-owned IPv4 pool
IPv4 CIDR reservations
IPv6 CIDR reservations
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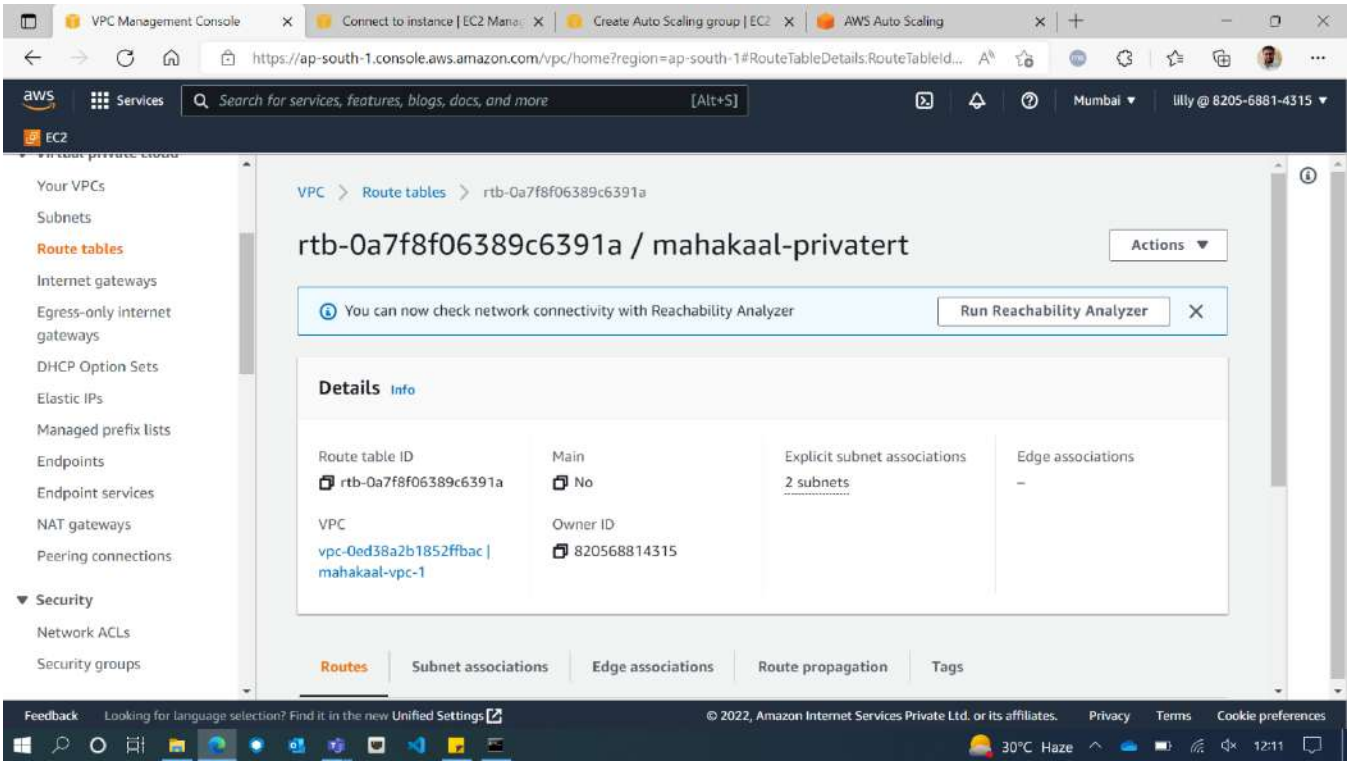
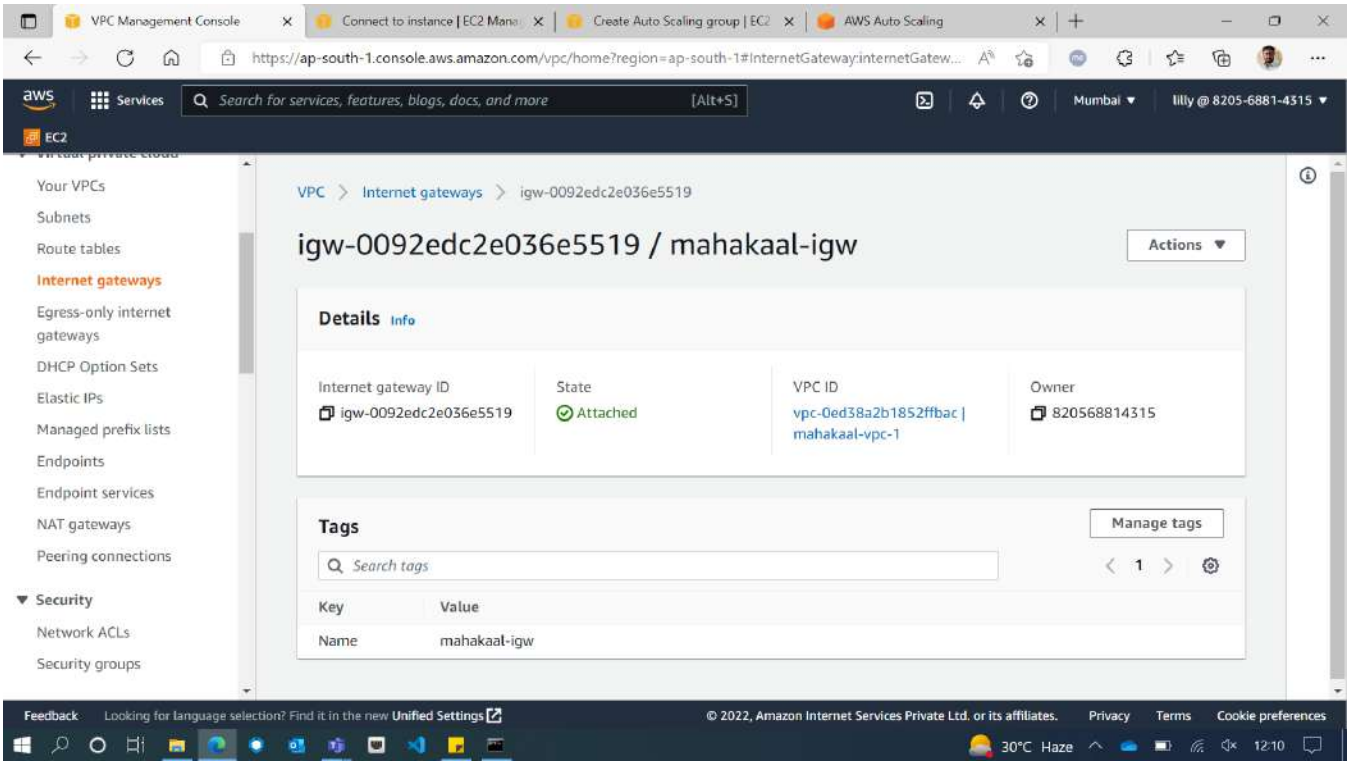
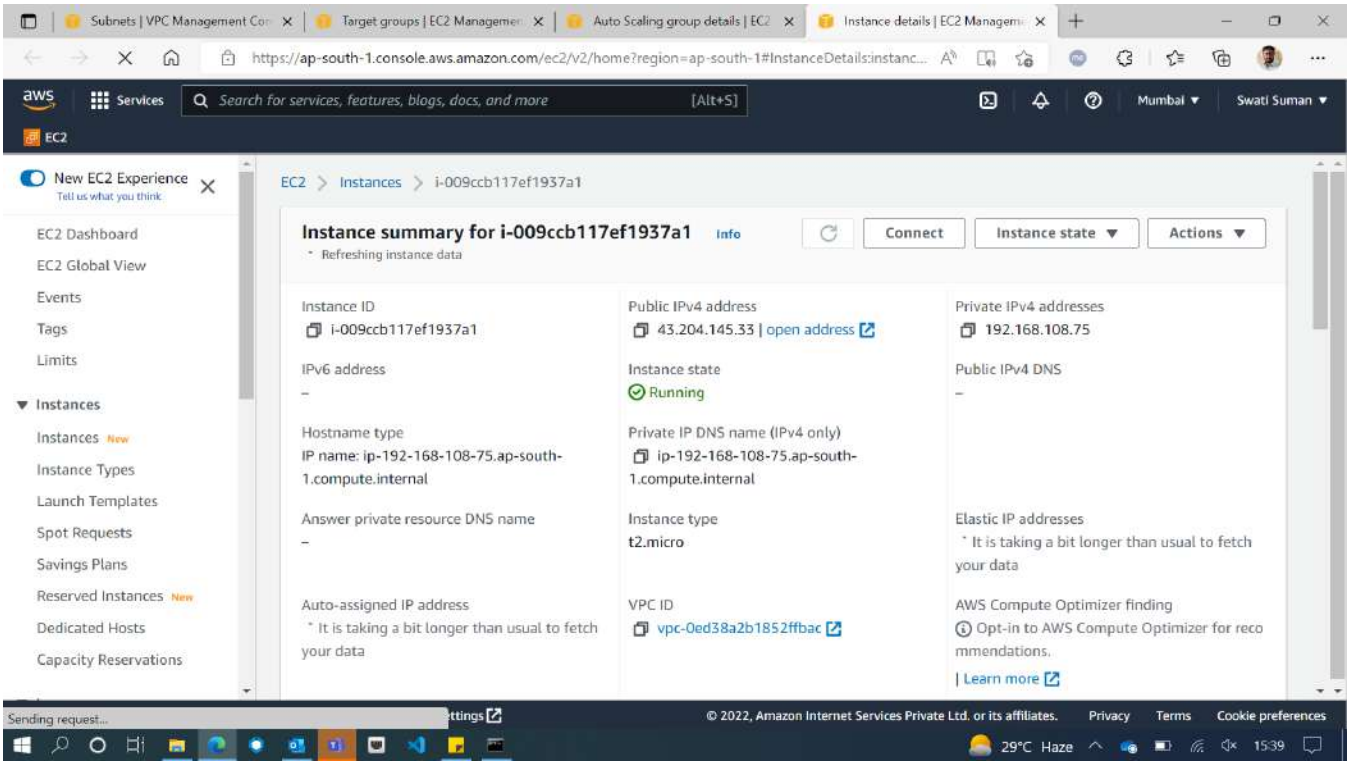
- Creating Route Tables:

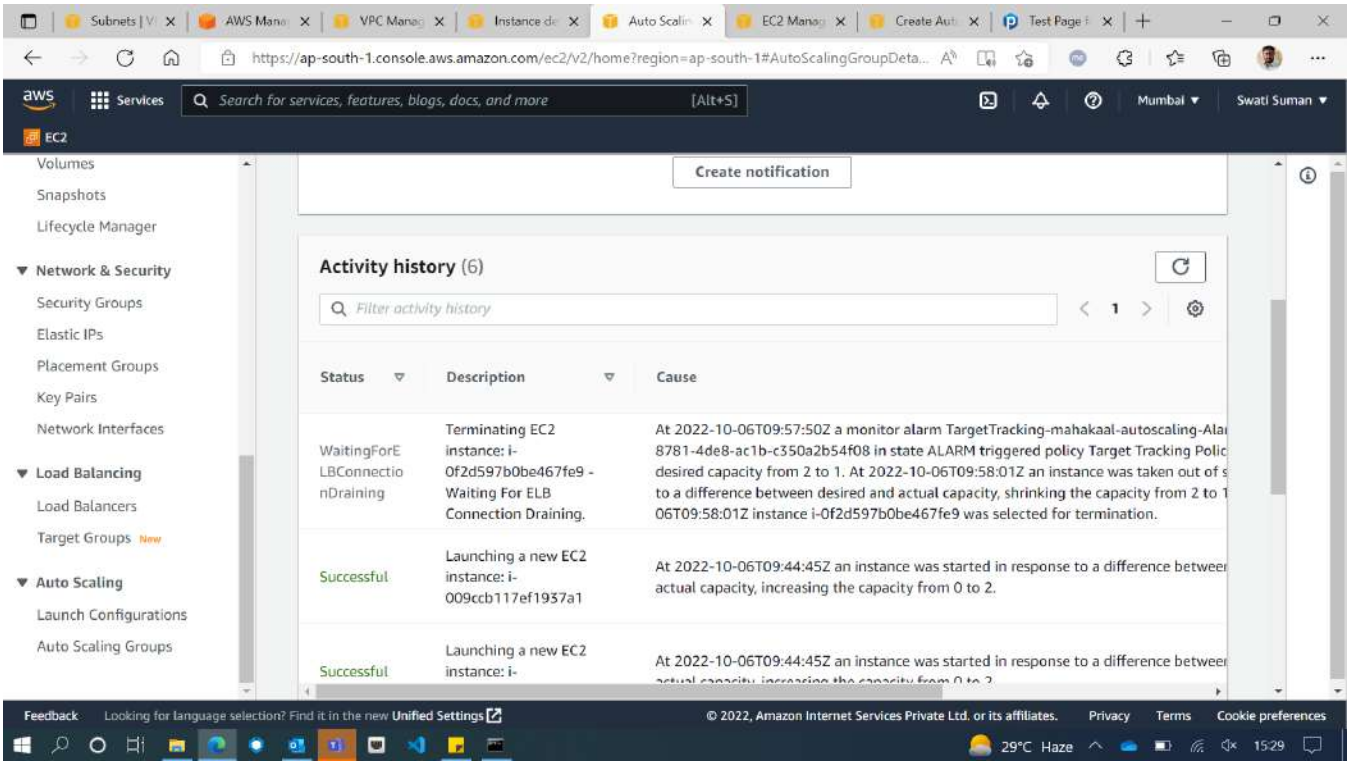


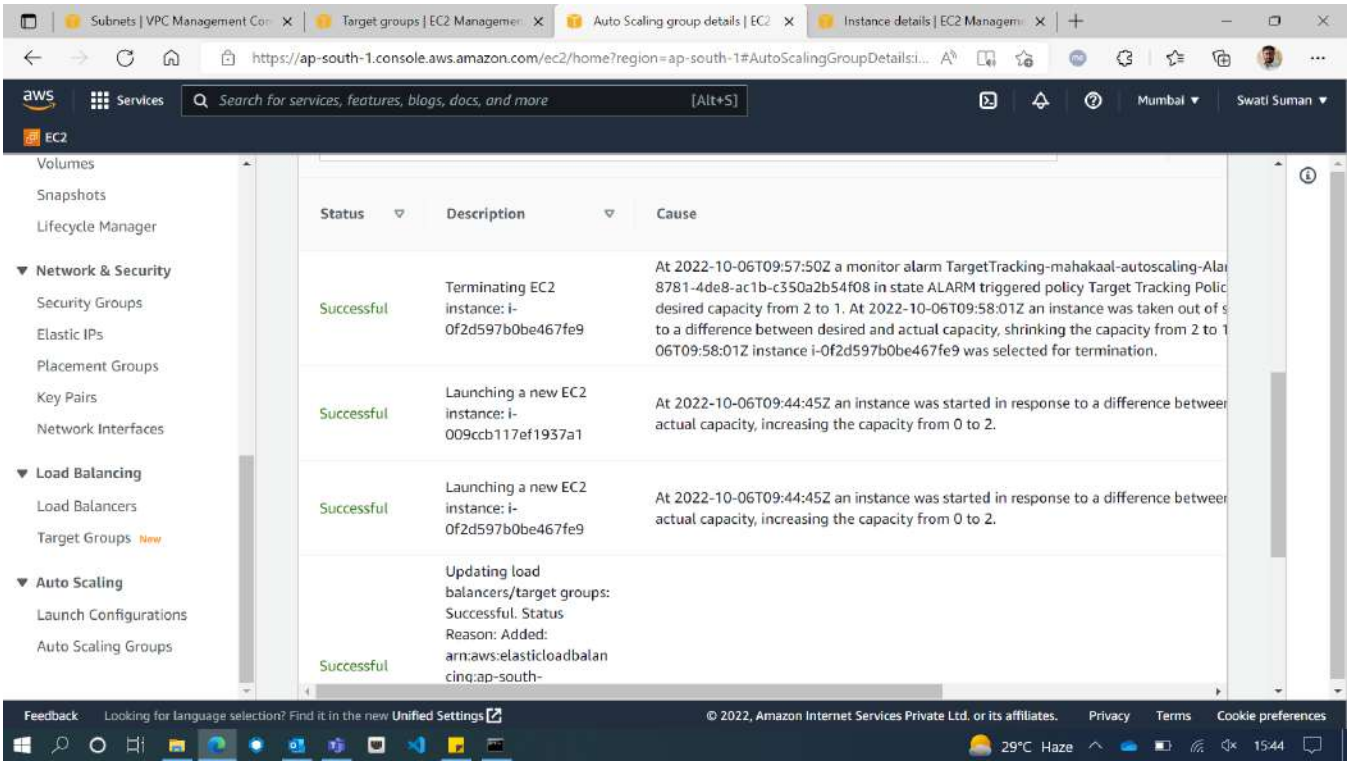
- Creating Internet Gateways:

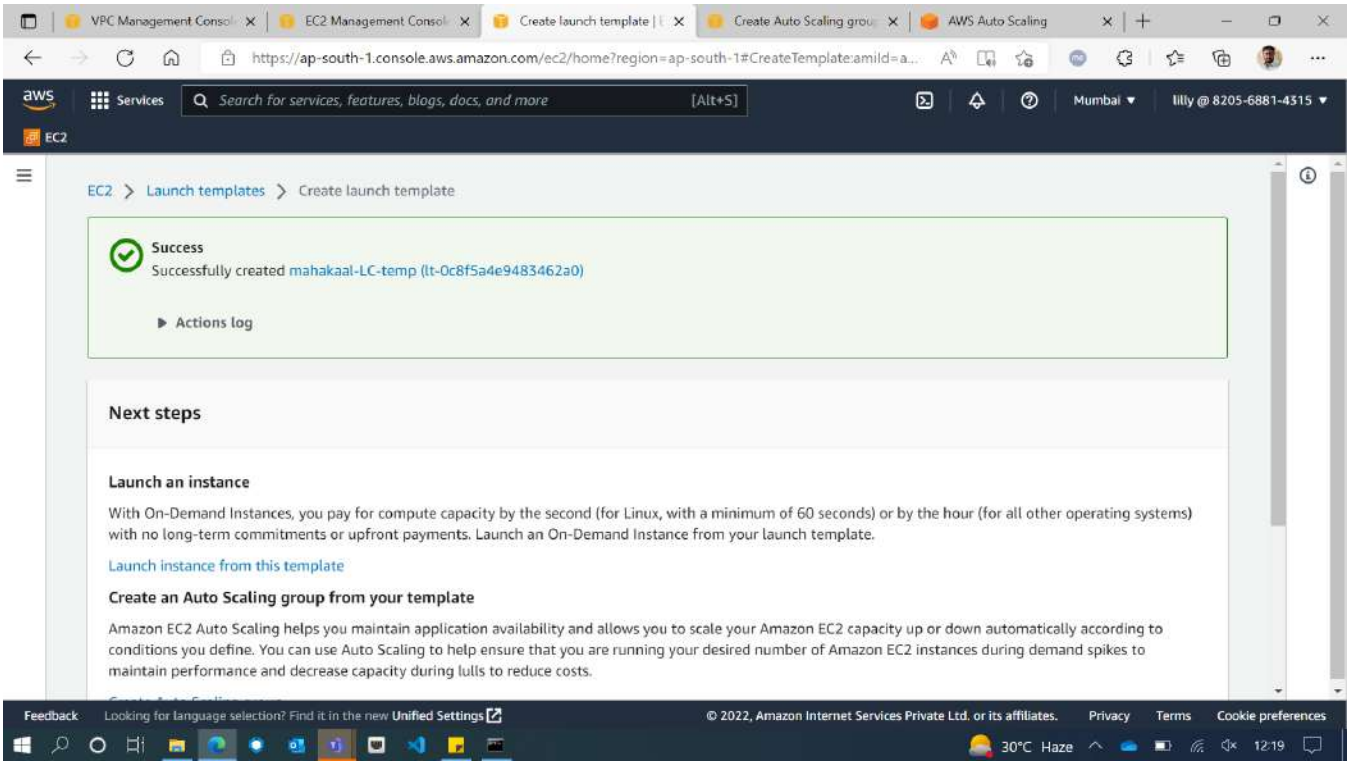


- Creating Instance and terminating:

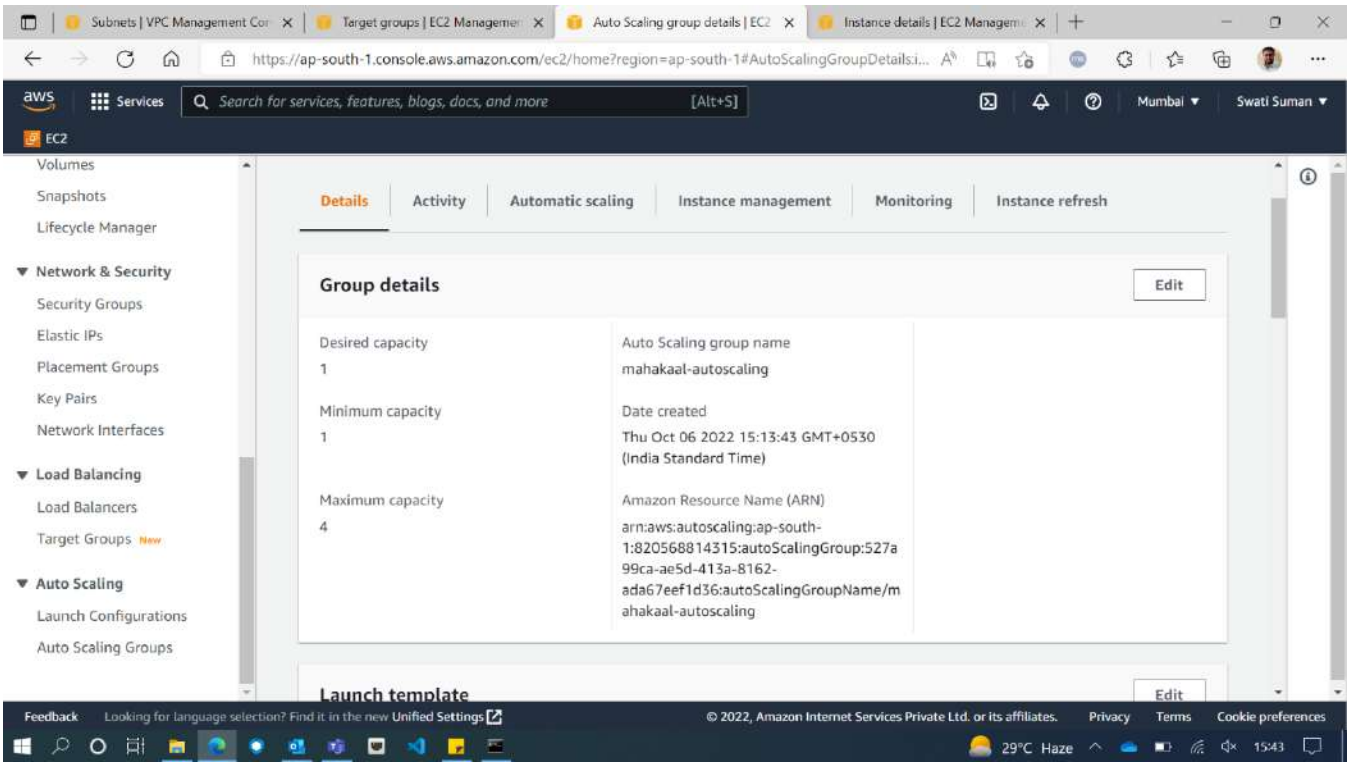


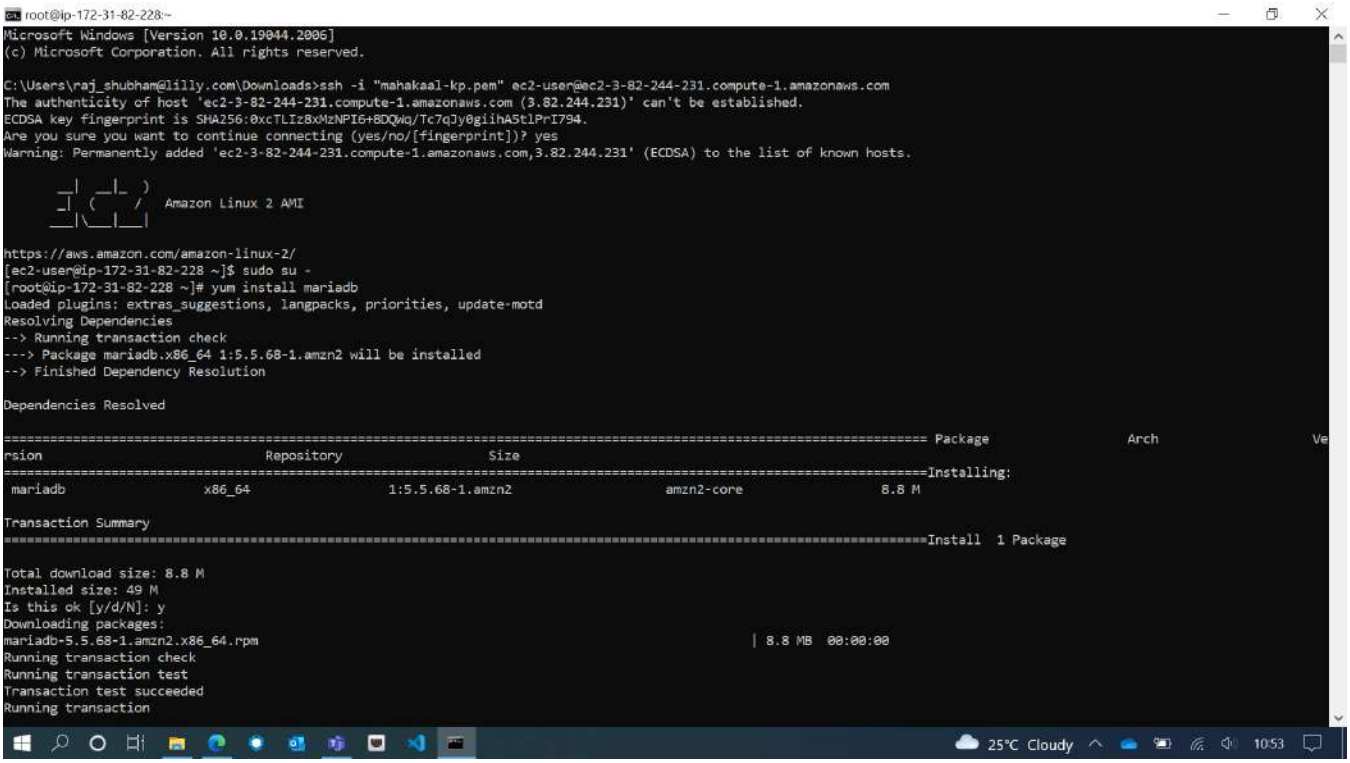

Create notification
Activity history (6)
Filter activity history
Status
Description
Cause
WaitingForELBConnectionDraining
Terminating EC2 instance: i-0f2d597b0be467fe9 - Waiting For ELB Connection Draining.
At 2022-10-06T09:57:50Z a monitor alarm TargetTracking-mahakaal-autoscaling-Ala 8781-4de8-ac1b-c350a2b54f08 in state ALARM triggered policy Target Tracking Polic desired capacity from 2 to 1. At 2022-10-06T09:58:01Z an instance was taken out of s to a difference between desired and actual capacity, shrinking the capacity from 2 to 1 06T09:58:01Z instance i-0f2d597b0be467fe9 was selected for termination.
Successful
Launching a new EC2 instance: i-009ccb117ef1937a1
At 2022-10-06T09:44:45Z an instance was started in response to a difference betwee actual capacity, increasing the capacity from 0 to 2.
Successful
Launching a new EC2 instance: i-
At 2022-10-06T09:44:45Z an instance was started in response to a difference betwee

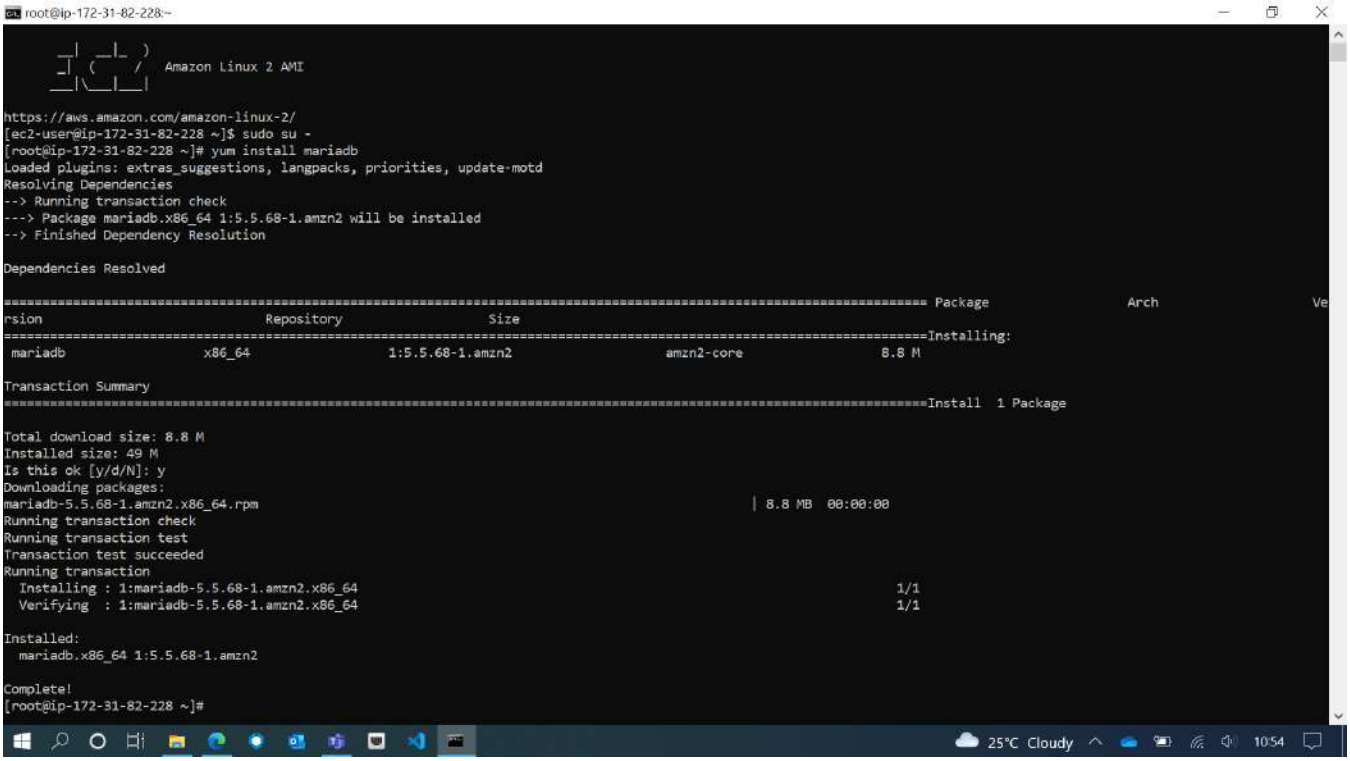

Status
Description
Cause
Successful
Terminating EC2 instance: i-0f2d597b0be467fe9
At 2022-10-06T09:57:50Z a monitor alarm TargetTracking-mahakaal-autoscaling-Ala 8781-4de8-ac1b-c350a2b54f08 in state ALARM triggered policy Target Tracking Polic desired capacity from 2 to 1. At 2022-10-06T09:58:01Z an instance was taken out of s to a difference between desired and actual capacity, shrinking the capacity from 2 to 1 06T09:58:01Z instance i-0f2d597b0be467fe9 was selected for termination.
Successful
Launching a new EC2 instance: i-009ccb117ef1937a1
At 2022-10-06T09:44:45Z an instance was started in response to a difference betwee actual capacity, increasing the capacity from 0 to 2.
Successful
Launching a new EC2 instance: i-0f2d597b0be467fe9
At 2022-10-06T09:44:45Z an instance was started in response to a difference betwee actual capacity, increasing the capacity from 0 to 2.
Successful
Updating load balancers/target groups: Successful. Status Reason: Added: arn:aws:elasticloadbalancing:ap-south-

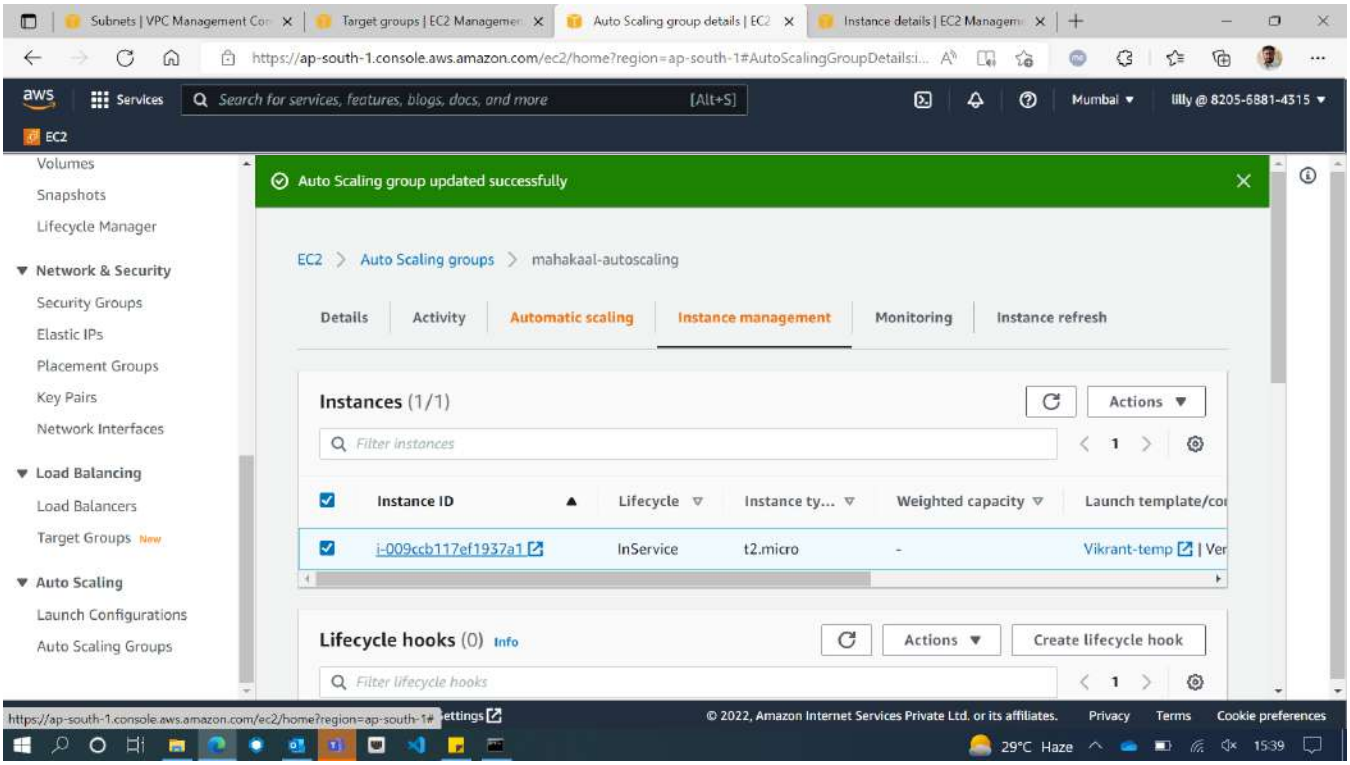


- Creating Autoscaling group:

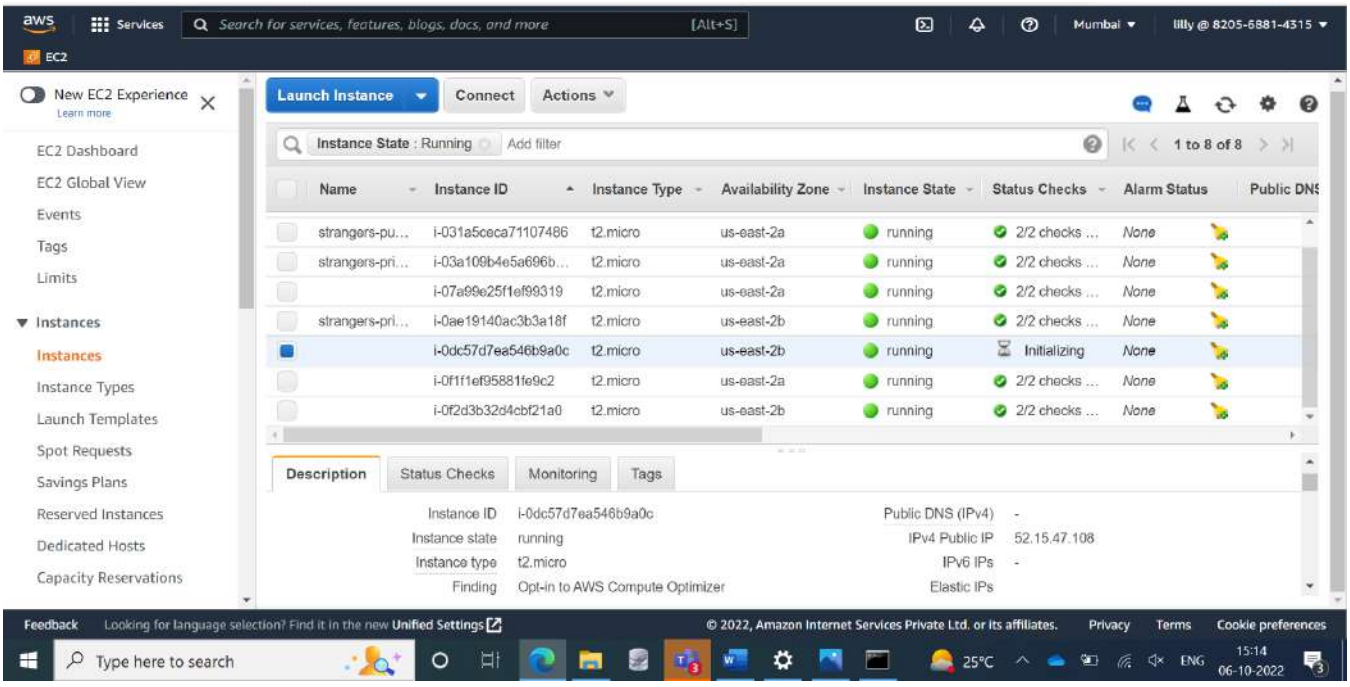



root@ip-172-31-82-228:~
Microsoft Windows [Version 10.0.19044.2006]
(c) Microsoft Corporation. All rights reserved.
C:\Users\raj_shubham@lilly.com\Downloads>ssh -i "mahakaal-kp.pem" ec2-user@ec2-3-82-244-231.compute-1.amazonaws.com
The authenticity of host 'ec2-3-82-244-231.compute-1.amazonaws.com (3.82.244.231)' can't be established.
ECDSA key fingerprint is SHA256:0xcTLIz8xMzNPI6+BDQWq/Tc7qJy0giihA5tlPrI794.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added 'ec2-3-82-244-231.compute-1.amazonaws.com,3.82.244.231' (ECDSA) to the list of known hosts.
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-82-228 ~]$ sudo su -
[root@ip-172-31-82-228 ~]# yum install mariadb
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
---> Package mariadb.x86_64 1:5.5.68-1.amzn2 will be installed
--> Finished Dependency Resolution
Dependencies Resolved
Package Arch Ve
rsion Repository Size
Installing:
mariadb x86_64 1:5.5.68-1.amzn2 amzn2-core 8.8 M
Transaction Summary
Install 1 Package
Total download size: 8.8 M
Installed size: 49 M
Is this ok [y/d/N]: y
Downloading packages:
mariadb-5.5.68-1.amzn2.x86_64.rpm | 8.8 MB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
25°C Cloudy
10:53


root@ip-172-31-82-228:~
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-82-228 ~]$ sudo su -
[root@ip-172-31-82-228 ~]# yum install mariadb
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
---> Package mariadb.x86_64 1:5.5.68-1.amzn2 will be installed
--> Finished Dependency Resolution
Dependencies Resolved
Package Arch Ve
rsion Repository Size
Installing:
mariadb x86_64 1:5.5.68-1.amzn2 amzn2-core 8.8 M
Transaction Summary
Install 1 Package
Total download size: 8.8 M
Installed size: 49 M
Is this ok [y/d/N]: y
Downloading packages:
mariadb-5.5.68-1.amzn2.x86_64.rpm | 8.8 MB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
Installing : 1:mariadb-5.5.68-1.amzn2.x86_64 1/1
Verifying : 1:mariadb-5.5.68-1.amzn2.x86_64 1/1
Installed:
mariadb.x86_64 1:5.5.68-1.amzn2
Complete!
[root@ip-172-31-82-228 ~]#
25°C Cloudy
10:54



- Glu and Athena



drwxr-xr-x 8 root root 4096 Oct 7 07:29 s3fs-fuse

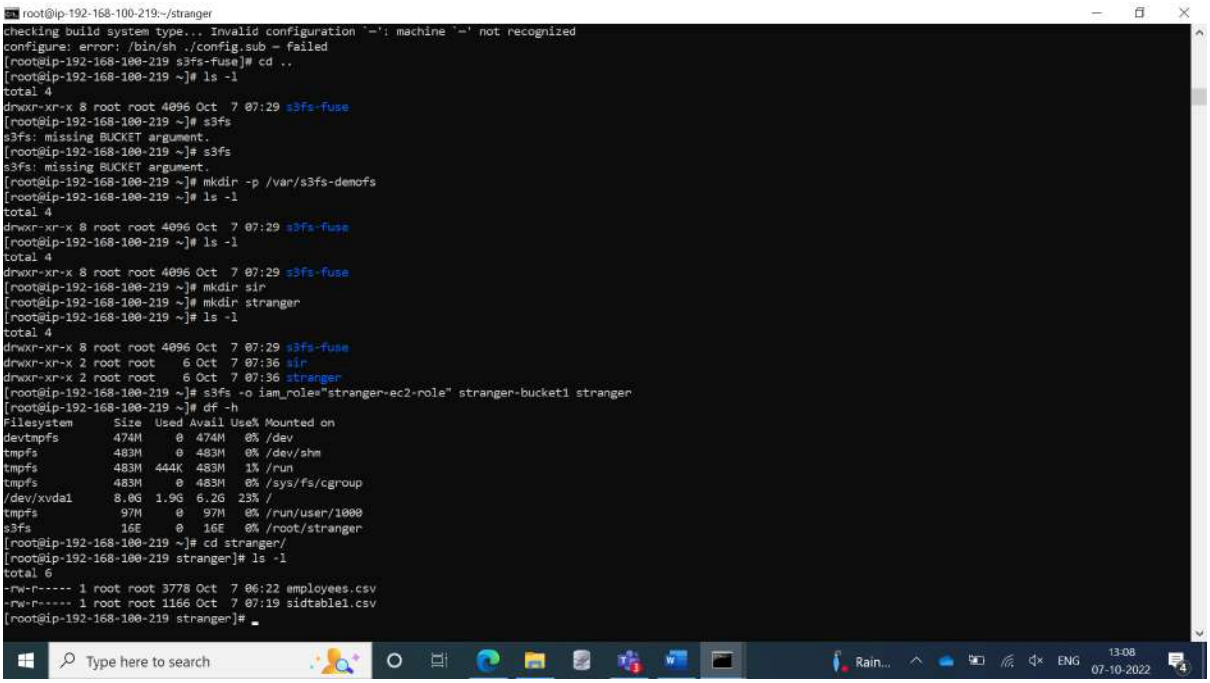
[root@ip-192-168-100-219 ~]# s3fs

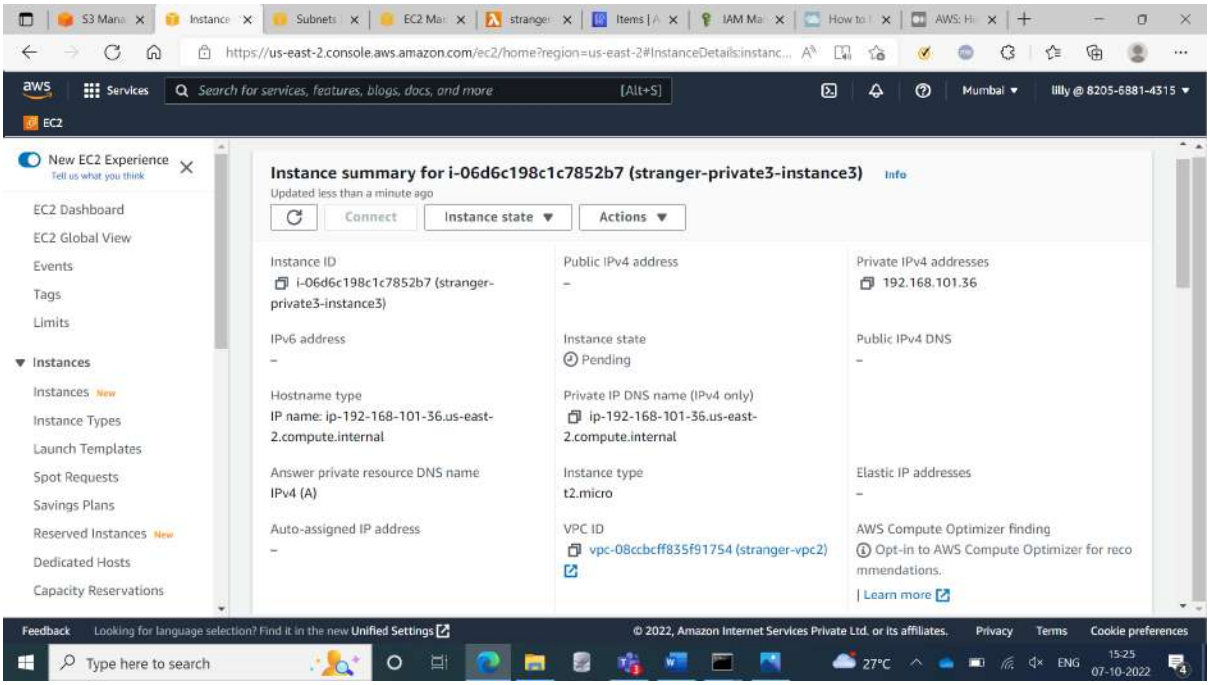
```
s3fs: missing BUCKET argument.
[root@ip-192-168-100-219 ~]# s3fs
s3fs: missing BUCKET argument.
[root@ip-192-168-100-219 ~]# mkdir -p /var/s3fs-demofs
[root@ip-192-168-100-219 ~]# ls -l
total 4
drwxr-xr-x 8 root root 4096 Oct  7 07:29 s3fs-fuse
[root@ip-192-168-100-219 ~]# ls -l
total 4
drwxr-xr-x 8 root root 4096 Oct  7 07:29 s3fs-fuse
[root@ip-192-168-100-219 ~]# mkdir sir
[root@ip-192-168-100-219 ~]# mkdir mahakaal
[root@ip-192-168-100-219 ~]# ls -l
total 4
drwxr-xr-x 8 root root 4096 Oct  7 07:29 s3fs-fuse
drwxr-xr-x 2 root root    6 Oct  7 07:36 sir
drwxr-xr-x 2 root root    6 Oct  7 07:36 mahakaal
[root@ip-192-168-100-219 ~]# s3fs -o iam_role="mahakaal-ec2-role" mahakaal-bucket1 mahakaal
[root@ip-192-168-100-219 ~]# df -h
Filesystem      Size  Used Avail Use% Mounted on
devtmpfs        474M     0  474M   0% /dev
tmpfs           483M     0  483M   0% /dev/shm
tmpfs           483M  444K  483M   1% /run
tmpfs           483M     0  483M   0% /sys/fs/cgroup
/dev/xvda1      8.0G  1.9G  6.2G  23% /
tmpfs            97M     0   97M   0% /run/user/1000
s3fs             16E     0   16E   0% /root/mahakaal
[root@ip-192-168-100-219 ~]# cd mahakaal/
[root@ip-192-168-100-219 mahakaal]# ls -l
```

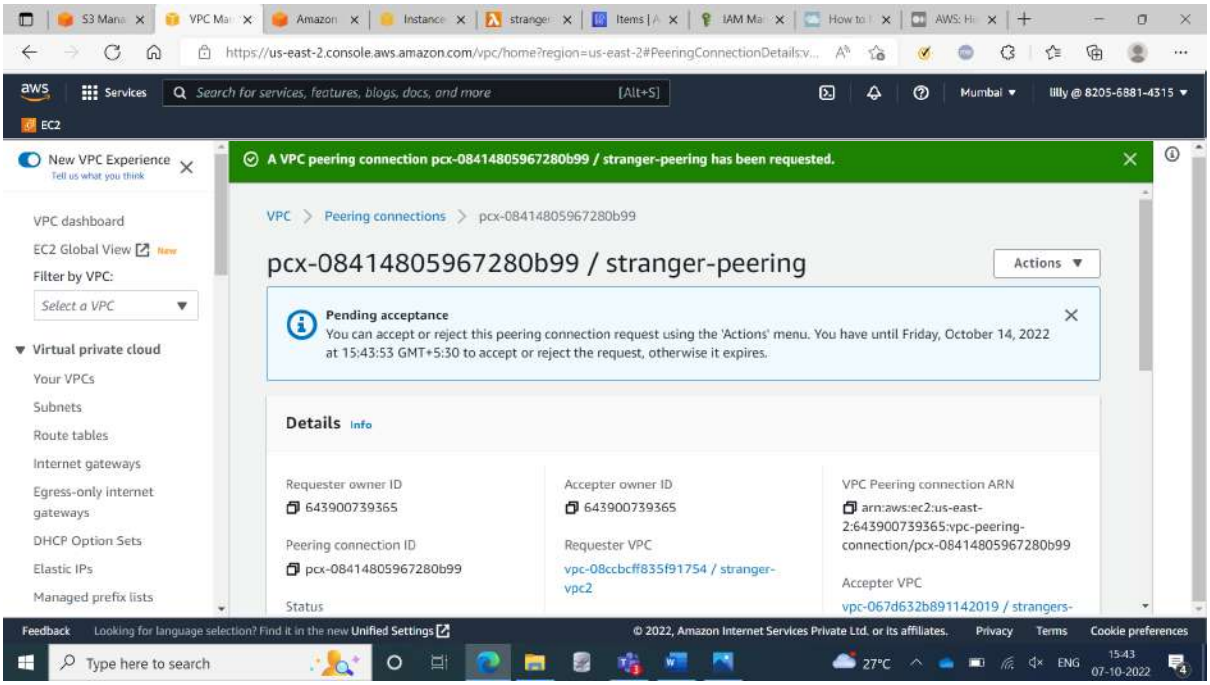
total 6

-rw-r----- 1 root root 3778 Oct 7 06:22 employees.csv

-rw-r----- 1 root root 1166 Oct 7 07:19 sidtable1.csv






https://us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#PeeringConnectionDetails:v...
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lilly @ 8205-6881-4315
EC2
New VPC Experience
Tell us what you think
A VPC peering connection pcx-0841480596728 0b99 / stranger-peering has been requested.
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP Option Sets
Elastic IPs
Managed prefix lists
VPC > Peering connections > pcx-0841480596728 0b99
pcx-0841480596728 0b99 / stranger-peering
Actions
Pending acceptance
You can accept or reject this peering connection request using the 'Actions' menu. You have until Friday, October 14, 2022 at 15:43:53 GMT+5:30 to accept or reject the request, otherwise it expires.
Details Info
Requester owner ID
643900739365
Accepter owner ID
643900739365
VPC Peering connection ARN
arn:aws:ec2:us-east-2:643900739365:vpc-peering-connection/pcx-0841480596728 0b99
Peering connection ID
pcx-0841480596728 0b99
Requester VPC
vpc-08ccbcff835f91754 / stranger-vpc2
Accepter VPC
vpc-067d632b89114 2019 / strangers-
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Feedback
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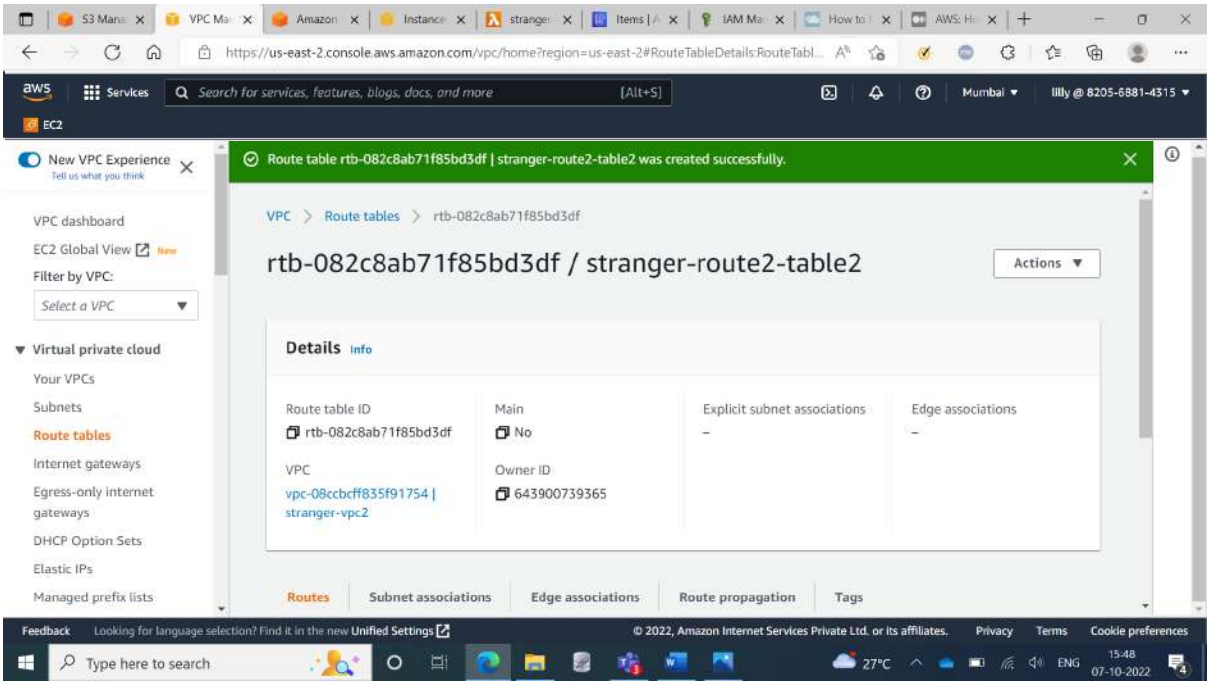
15:43
07-10-2022


https://us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#RouteTableDetails:RouteTabl...
Services
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Mumbai
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EC2
New VPC Experience
Tell us what you think
Route table rtb-082c8ab71f85bd3df | stranger-route2-table2 was created successfully.
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP Option Sets
Elastic IPs
Managed prefix lists
VPC > Route tables > rtb-082c8ab71f85bd3df
rtb-082c8ab71f85bd3df / stranger-route2-table2
Actions
Details Info
Route table ID
rtb-082c8ab71f85bd3df
Main
No
Explicit subnet associations
–
Edge associations
–
VPC
vpc-08ccbcff835f91754 | stranger-vpc2
Owner ID
643900739365
Routes
Subnet associations
Edge associations
Route propagation
Tags
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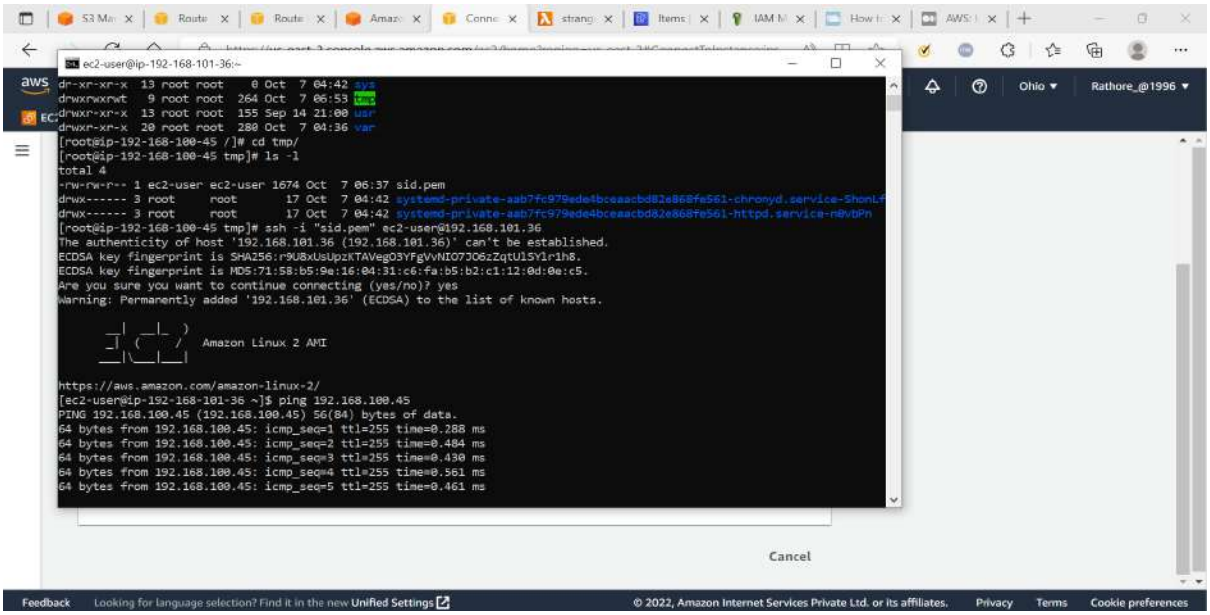
ec2-user@ip-192-168-101-36:~
dr-xr-xr-x 13 root root 0 Oct 7 04:42 sys
drwxrwxrwt 9 root root 264 Oct 7 06:53 tmp
drwxr-xr-x 13 root root 155 Sep 14 21:00 usr
drwxr-xr-x 20 root root 280 Oct 7 04:36 var
[root@ip-192-168-100-45 /]# cd tmp/
[root@ip-192-168-100-45 tmp]# ls -l
total 4
-rw-rw-r-- 1 ec2-user ec2-user 1674 Oct 7 06:37 sid.pem
drwx------ 3 root root 17 Oct 7 04:42 systemd-private-aab7fc979ede4bceaacbd82e868fe561-chronyd.service-ShonLf
drwx------ 3 root root 17 Oct 7 04:42 systemd-private-aab7fc979ede4bceaacbd82e868fe561-httpd.service-n0vbPn
[root@ip-192-168-100-45 tmp]# ssh -i "sid.pem" ec2-user@192.168.101.36
The authenticity of host '192.168.101.36 (192.168.101.36)' can't be established.
ECDSA key fingerprint is SHA256:r9U8xUsUpzKTAVegO3YFgVvNIO7JO6zZqtU15Y1r1h8.
ECDSA key fingerprint is MD5:71:58:b5:9e:16:04:31:c6:fa:b5:b2:c1:12:0d:0e:c5.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.101.36' (ECDSA) to the list of known hosts.
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-101-36 ~]$ ping 192.168.100.45
PING 192.168.100.45 (192.168.100.45) 56(84) bytes of data.
64 bytes from 192.168.100.45: icmp_seq=1 ttl=255 time=0.288 ms
64 bytes from 192.168.100.45: icmp_seq=2 ttl=255 time=0.484 ms
64 bytes from 192.168.100.45: icmp_seq=3 ttl=255 time=0.430 ms
64 bytes from 192.168.100.45: icmp_seq=4 ttl=255 time=0.561 ms
64 bytes from 192.168.100.45: icmp_seq=5 ttl=255 time=0.461 ms
Cancel
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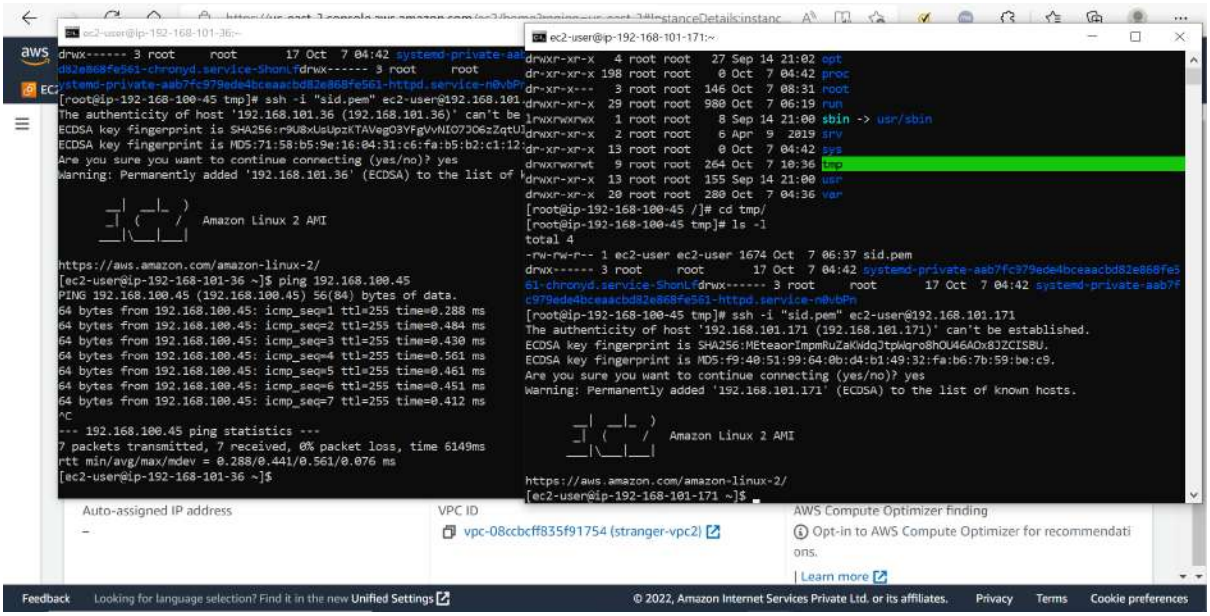
ec2-user@ip-192-168-101-171:~
drwxr-xr-x 4 root root 27 Sep 14 21:02 opt
dr-xr-xr-x 198 root root 0 Oct 7 04:42 proc
dr-xr-x--- 3 root root 146 Oct 7 08:31 root
drwxr-xr-x 29 root root 980 Oct 7 06:19 run
lrwxrwxrwx 1 root root 8 Sep 14 21:00 sbin -> usr/sbin
drwxr-xr-x 2 root root 6 Apr 9 2019 srv
dr-xr-xr-x 13 root root 0 Oct 7 04:42 sys
drwxrwxrwt 9 root root 264 Oct 7 10:36 tmp
drwxr-xr-x 13 root root 155 Sep 14 21:00 usr
drwxr-xr-x 20 root root 280 Oct 7 04:36 var
[root@ip-192-168-100-45 /]# cd tmp/
[root@ip-192-168-100-45 tmp]# ls -l
total 4
-rw-rw-r-- 1 ec2-user ec2-user 1674 Oct 7 06:37 sid.pem
drwx------ 3 root root 17 Oct 7 04:42 systemd-private-aab7fc979ede4bceaacbd82e868fe561-chronyd.service-ShonLf
drwx------ 3 root root 17 Oct 7 04:42 systemd-private-aab7fc979ede4bceaacbd82e868fe561-httpd.service-n0vbPn
[root@ip-192-168-100-45 tmp]# ssh -i "sid.pem" ec2-user@192.168.101.171
The authenticity of host '192.168.101.171 (192.168.101.171)' can't be established.
ECDSA key fingerprint is SHA256:MEteaorImpmRuZaKWdqJtpWqro8hOU46AOx83ZCIS8U.
ECDSA key fingerprint is MD5:f9:40:51:99:64:0b:d4:b1:49:32:fa:b6:7b:59:be:c9.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.101.171' (ECDSA) to the list of known hosts.
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-101-171 ~]$
Auto-assigned IP address
VPC ID
vpc-08ccbcff835f91754 (stranger-vpc2)
AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for recommendations.
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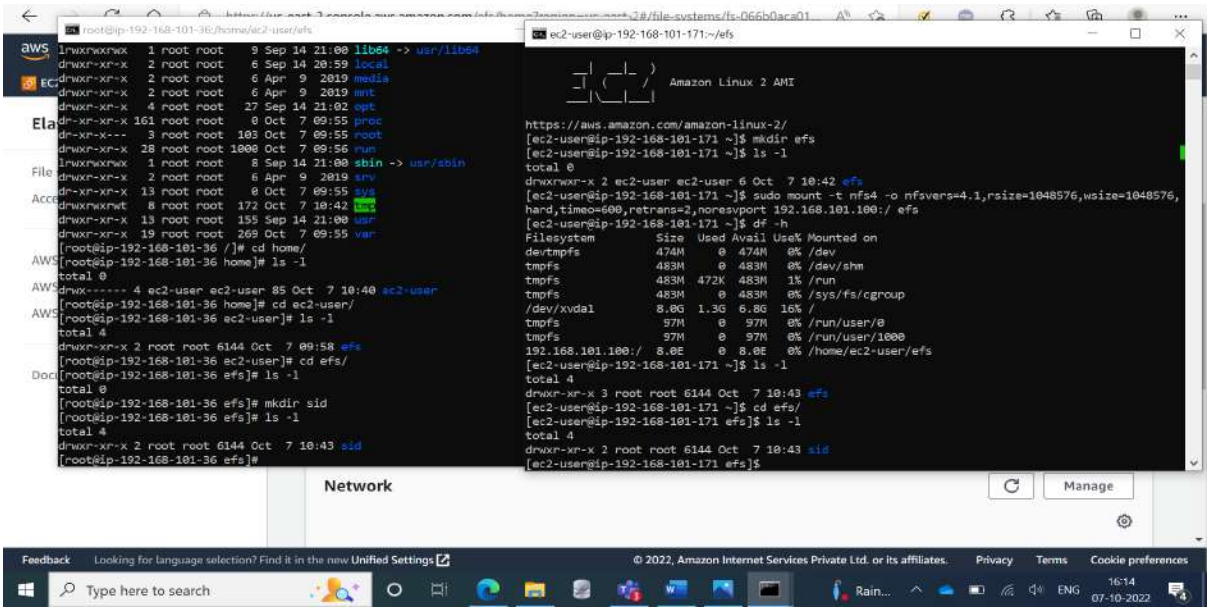
root@ip-192-168-101-36:/home/ec2-user/efs
[root@ip-192-168-101-36 /]# cd home/
[root@ip-192-168-101-36 home]# ls -l
[root@ip-192-168-101-36 home]# cd ec2-user/
[root@ip-192-168-101-36 ec2-user]# ls -l
[root@ip-192-168-101-36 ec2-user]# cd efs/
[root@ip-192-168-101-36 efs]# ls -l
[root@ip-192-168-101-36 efs]# mkdir sid
[root@ip-192-168-101-36 efs]# ls -l
[root@ip-192-168-101-36 efs]#
ec2-user@ip-192-168-101-171:~/efs
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-101-171 ~]$ mkdir efs
[ec2-user@ip-192-168-101-171 ~]$ ls -l
[ec2-user@ip-192-168-101-171 ~]$ sudo mount -t nfs4 -o nfsvers=4.1,rsize=1048576,wsize=1048576,hard,timeo=600,retrans=2,noresvport 192.168.101.100:/ efs
[ec2-user@ip-192-168-101-171 ~]$ df -h
[ec2-user@ip-192-168-101-171 ~]$ ls -l
[ec2-user@ip-192-168-101-171 ~]$ cd efs/
[ec2-user@ip-192-168-101-171 efs]$ ls -l
[ec2-user@ip-192-168-101-171 efs]$
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Manage
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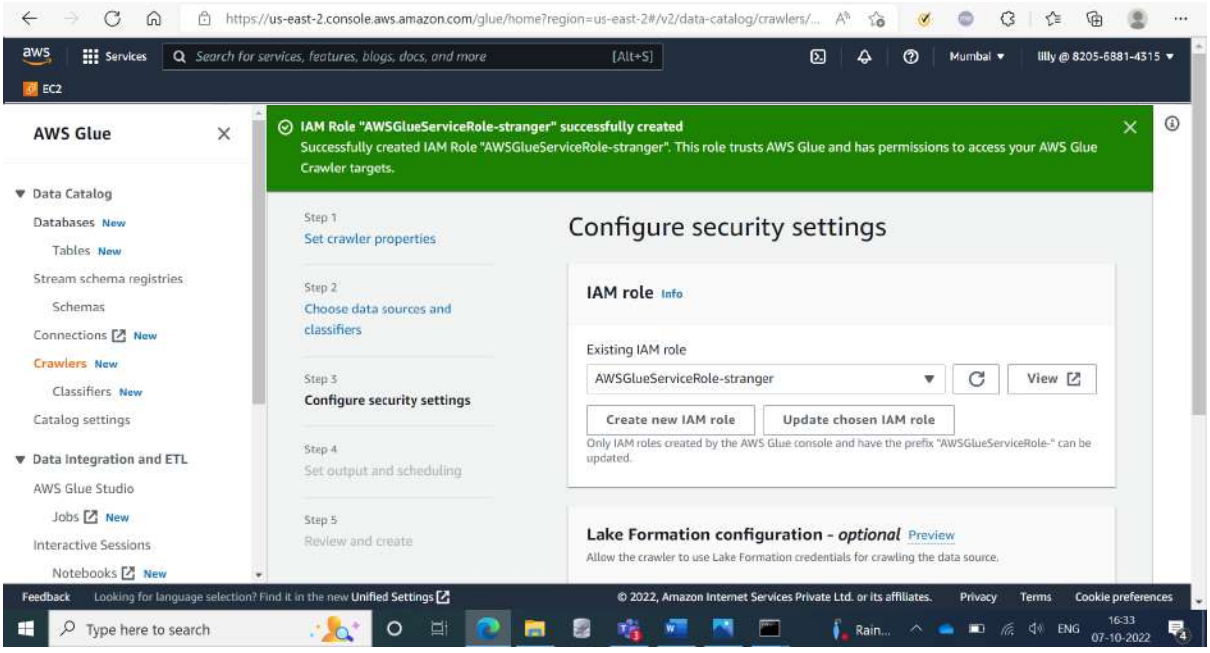
https://us-east-2.console.aws.amazon.com/glue/home?region=us-east-2#/v2/data-catalog/crawlers/...
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Data Integration and ETL
AWS Glue Studio
Jobs New
Interactive Sessions
Notebooks New
IAM Role "AWSGlueServiceRole-stranger" successfully created
Successfully created IAM Role "AWSGlueServiceRole-stranger". This role trusts AWS Glue and has permissions to access your AWS Glue Crawler targets.
Step 1
Set crawler properties
Step 2
Choose data sources and classifiers
Step 3
Configure security settings
Step 4
Set output and scheduling
Step 5
Review and create
Configure security settings
IAM role Info
Existing IAM role
AWSGlueServiceRole-stranger
View
Create new IAM role
Update chosen IAM role
Only IAM roles created by the AWS Glue console and have the prefix "AWSGlueServiceRole-" can be updated.
Lake Formation configuration - optional Preview
Allow the crawler to use Lake Formation credentials for crawling the data source.
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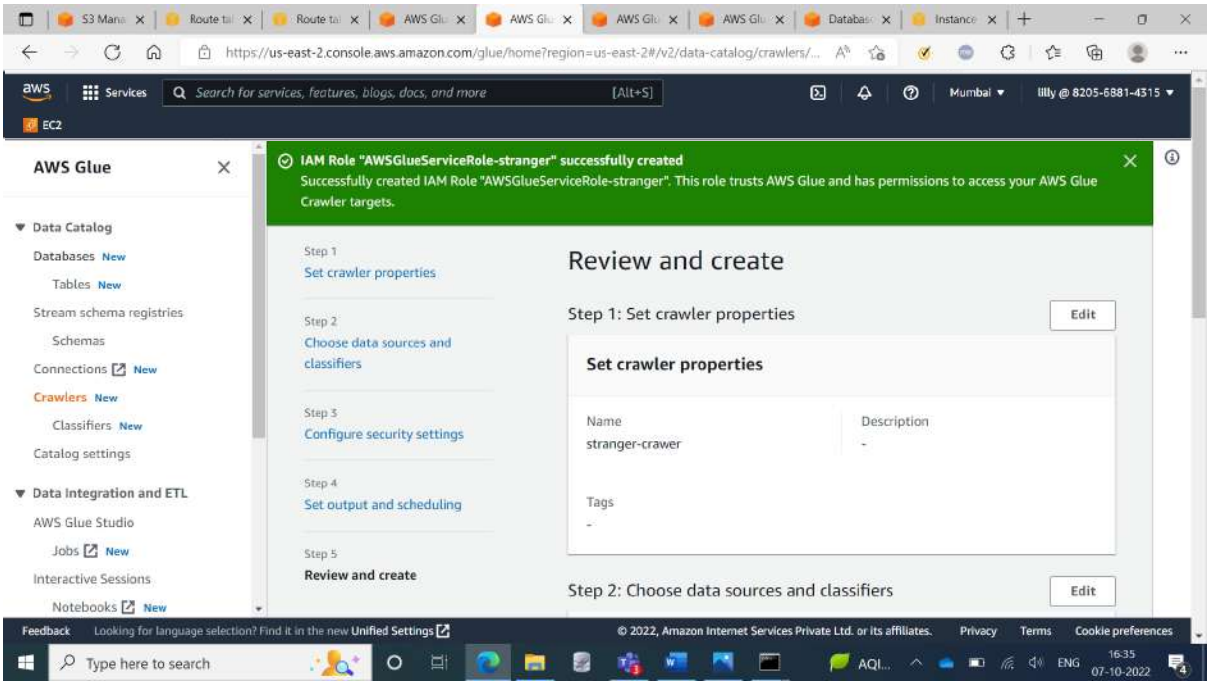
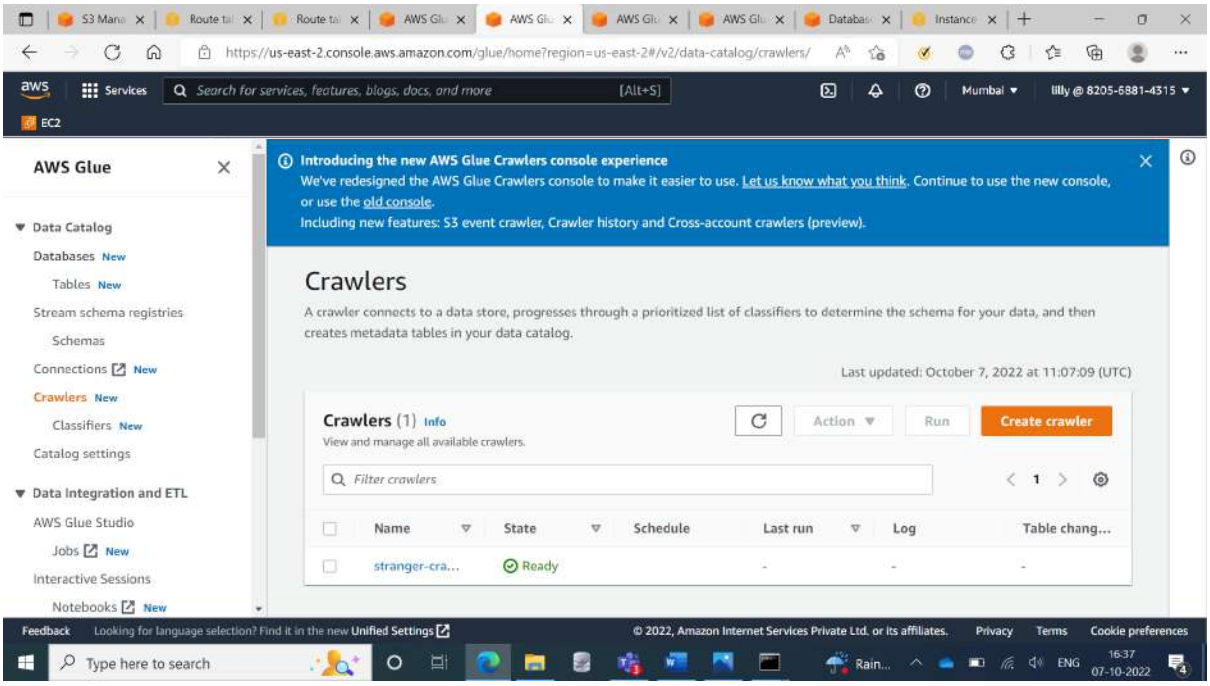
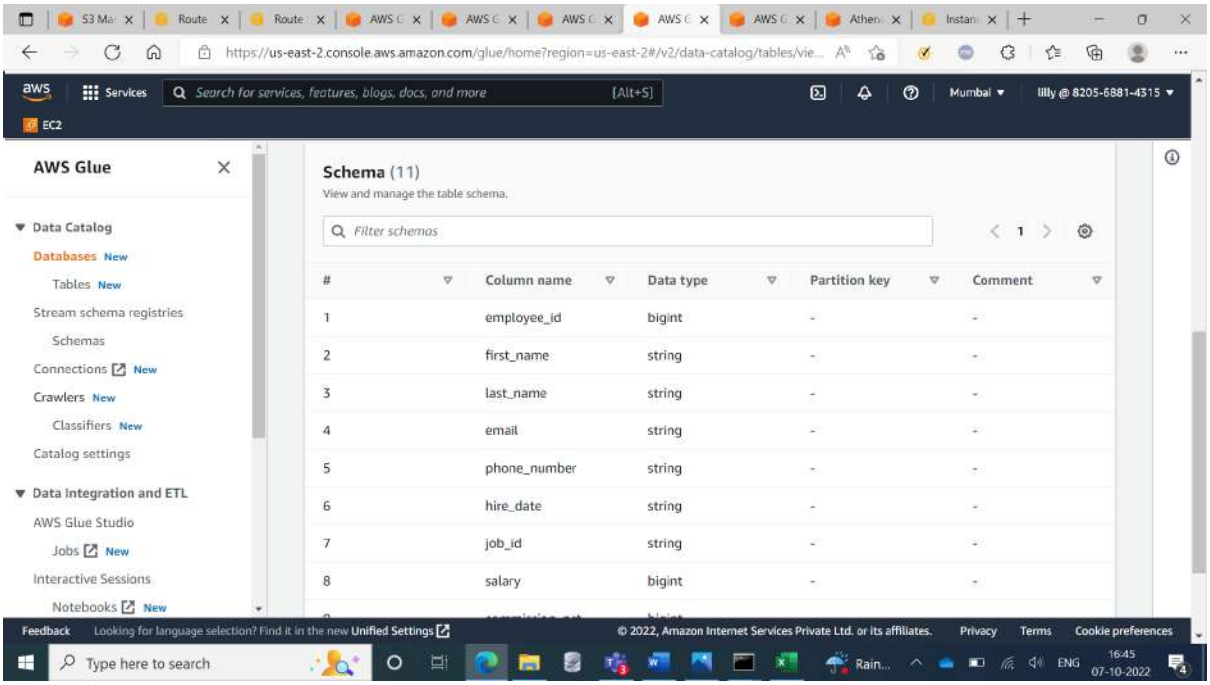

IAM Role "AWSGlueServiceRole-stranger" successfully created
Successfully created IAM Role "AWSGlueServiceRole-stranger". This role trusts AWS Glue and has permissions to access your AWS Glue Crawler targets.
Review and create
Step 1: Set crawler properties
Edit
Set crawler properties
Name
stranger-crawer
Description
Tags
Step 2: Choose data sources and classifiers
Edit


Introducing the new AWS Glue Crawlers console experience
We've redesigned the AWS Glue Crawlers console to make it easier to use. Let us know what you think. Continue to use the new console, or use the old console.
Including new features: S3 event crawler, Crawler history and Cross-account crawlers (preview).
Crawlers
A crawler connects to a data store, progresses through a prioritized list of classifiers to determine the schema for your data, and then creates metadata tables in your data catalog.
Last updated: October 7, 2022 at 11:07:09 (UTC)
Crawlers (1) Info
View and manage all available crawlers.
Action
Run
Create crawler
Filter crawlers
Name
State
Schedule
Last run
Log
Table chang...
stranger-cra...
Ready


AWS Glue
Data Catalog
Databases New
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Stream schema registries
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Connections New
Crawlers New
Classifiers New
Catalog settings
Data Integration and ETL
AWS Glue Studio
Jobs New
Interactive Sessions
Notebooks New
Schema (11)
View and manage the table schema.
Filter schemas
Column name Data type Partition key Comment
1 employee_id bigint - -
2 first_name string - -
3 last_name string - -
4 email string - -
5 phone_number string - -
6 hire_date string - -
7 job_id string - -
8 salary bigint - -
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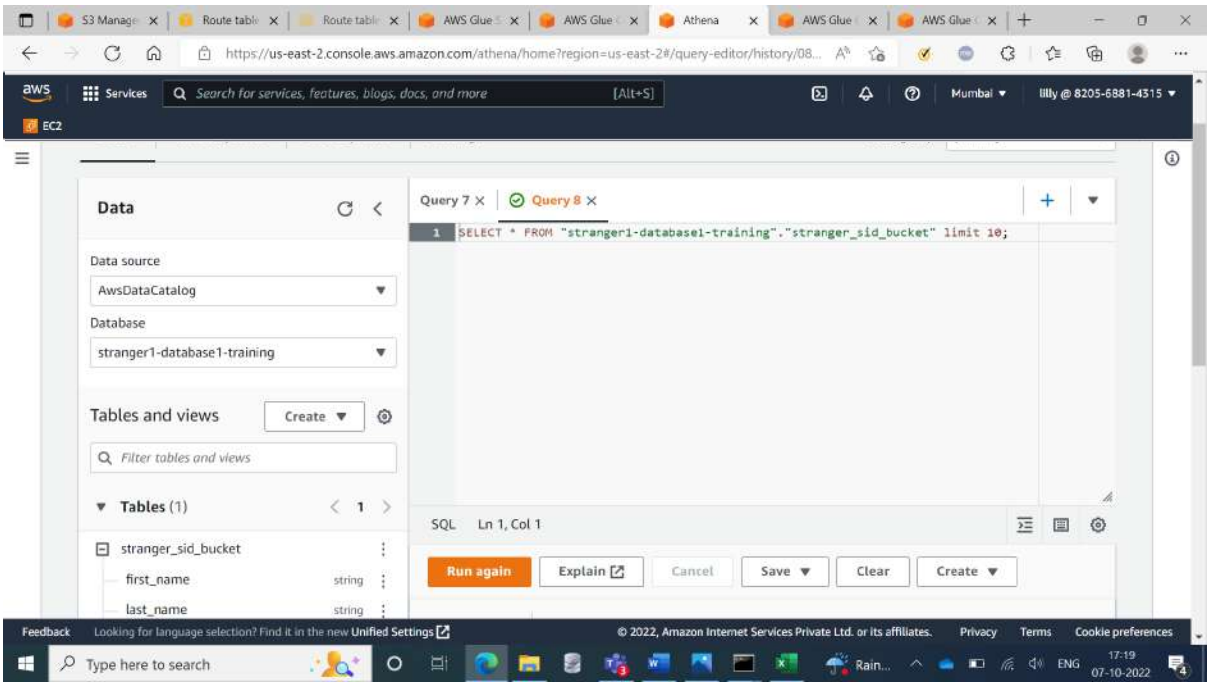
Data
Data source
AwsDataCatalog
Database
stranger1-database1-training
Tables and views
Create
Filter tables and views
Tables (1)
stranger_sid_bucket
first_name string
last_name string
Query 7
Query 8
1 SELECT * FROM "stranger1-database1-training"."stranger_sid_bucket" limit 10;
SQL Ln 1, Col 1
Run again
Explain
Cancel
Save
Clear
Create
Feedback
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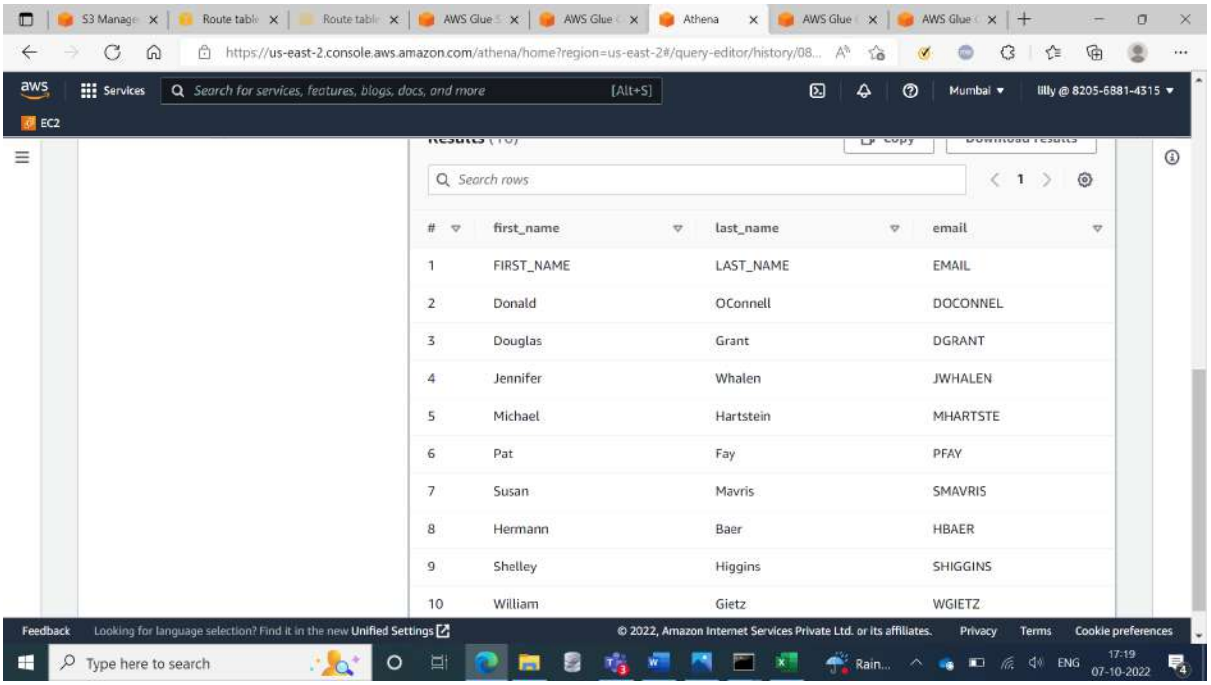
https://us-east-2.console.aws.amazon.com/athena/home?region=us-east-2#/query-editor/history/08...
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EC2
Search rows
first_name last_name email
1 FIRST_NAME LAST_NAME EMAIL
2 Donald OConnell DOCONNEL
3 Douglas Grant DGRANT
4 Jennifer Whalen JWHALEN
5 Michael Hartstein MHARTSTE
6 Pat Fay PFAY
7 Susan Mavris SMAVRIS
8 Hermann Baer HBAER
9 Shelley Higgins SHIGGINS
10 William Gietz WGIETZ
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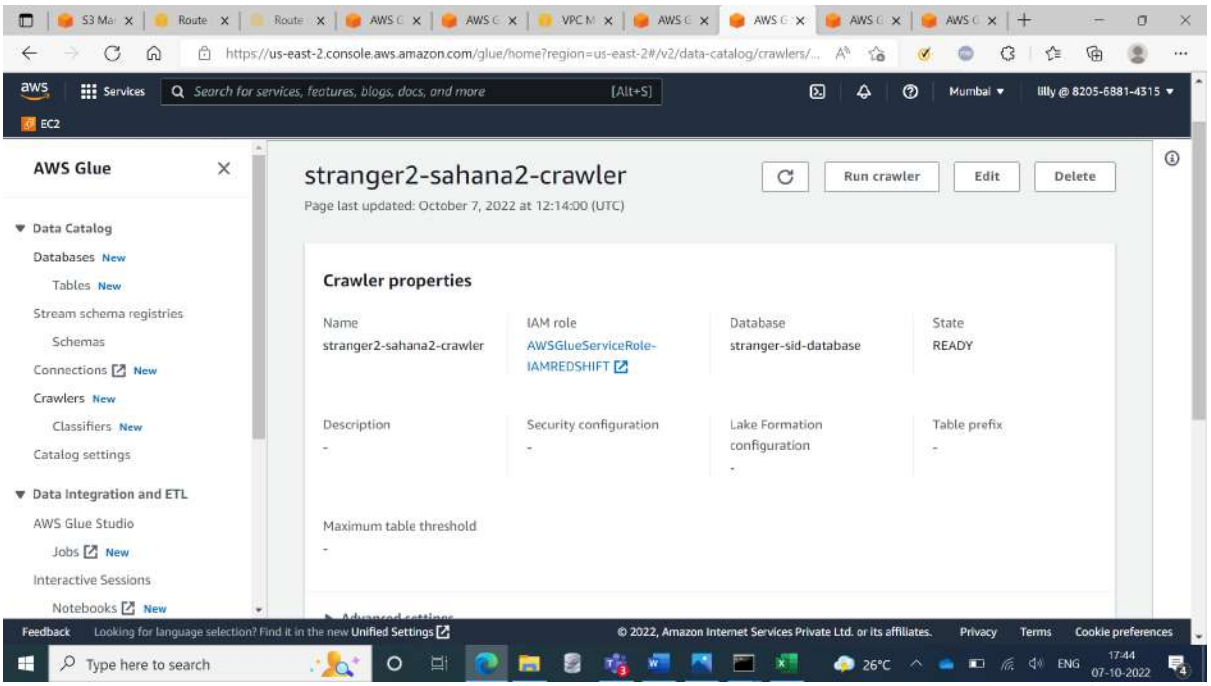
https://us-east-2.console.aws.amazon.com/glue/home?region=us-east-2#/v2/data-catalog/crawlers/...
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AWS Glue Studio
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Interactive Sessions
Notebooks New
stranger2-sahana2-crawler
Run crawler
Edit
Delete
Page last updated: October 7, 2022 at 12:14:00 (UTC)
Crawler properties
Name
stranger2-sahana2-crawler
IAM role
AWSGlueServiceRole-IAMREDSHIFT
Database
stranger-sid-database
State
READY
Description
-
Security configuration
-
Lake Formation configuration
-
Table prefix
-
Maximum table threshold
-
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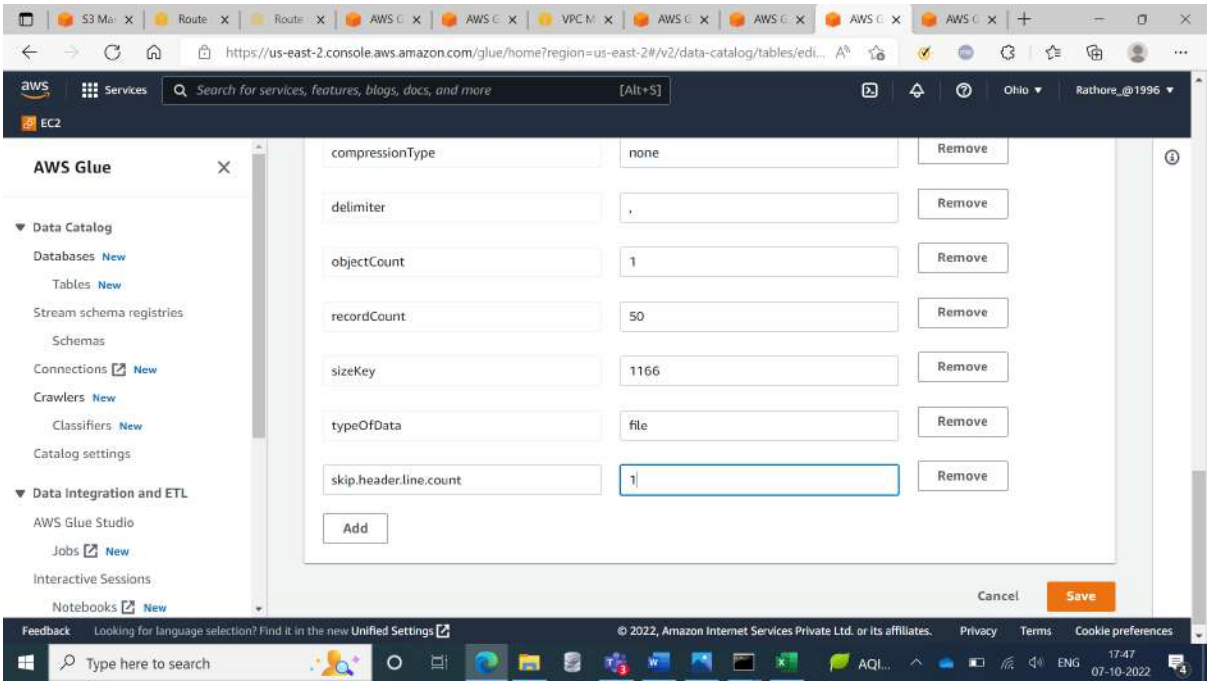
https://us-east-2.console.aws.amazon.com/glue/home?region=us-east-2#/v2/data-catalog/tables/edi...
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Notebooks New
compressionType
none
Remove
delimiter
,
objectCount
1
recordCount
50
sizeKey
1166
typeOfData
file
skip.header.line.count
1
Add
Cancel
Save
Feedback
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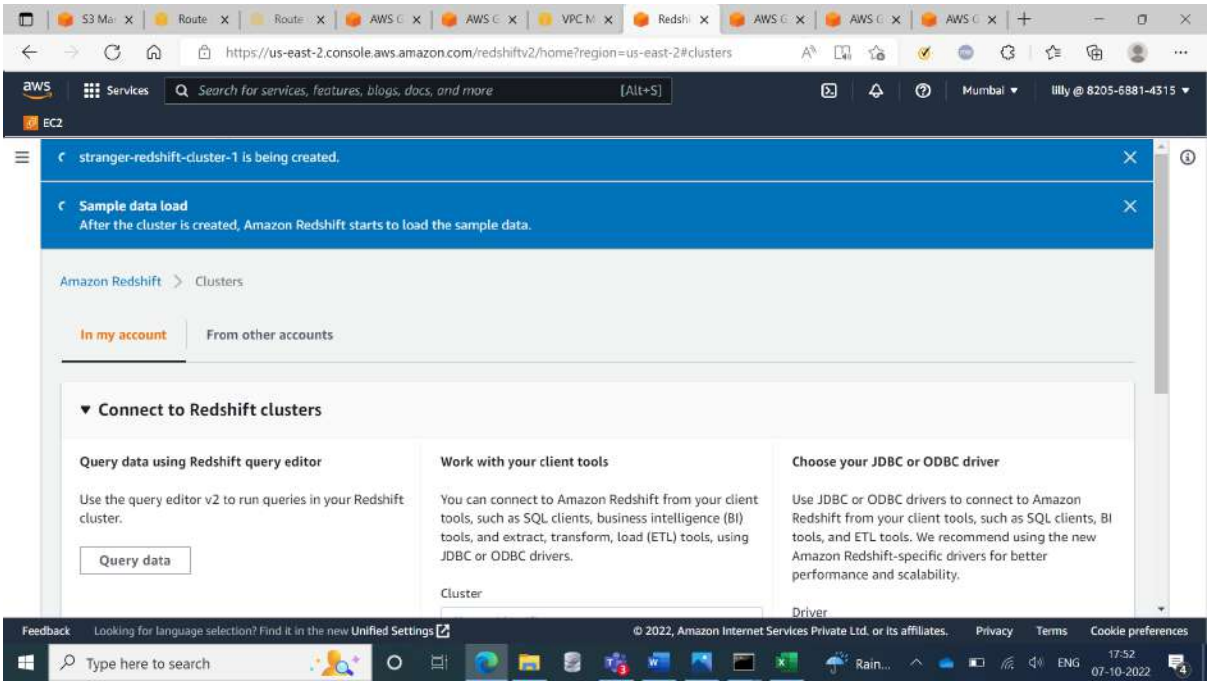
https://us-east-2.console.aws.amazon.com/redshiftv2/home?region=us-east-2#clusters
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EC2
stranger-redshift-cluster-1 is being created.
Sample data load
After the cluster is created, Amazon Redshift starts to load the sample data.
Amazon Redshift > Clusters
In my account
From other accounts
Connect to Redshift clusters
Query data using Redshift query editor
Use the query editor v2 to run queries in your Redshift cluster.
Query data
Work with your client tools
You can connect to Amazon Redshift from your client tools, such as SQL clients, business intelligence (BI) tools, and extract, transform, load (ETL) tools, using JDBC or ODBC drivers.
Cluster
Choose your JDBC or ODBC driver
Use JDBC or ODBC drivers to connect to Amazon Redshift from your client tools, such as SQL clients, BI tools, and ETL tools. We recommend using the new Amazon Redshift-specific drivers for better performance and scalability.
Driver
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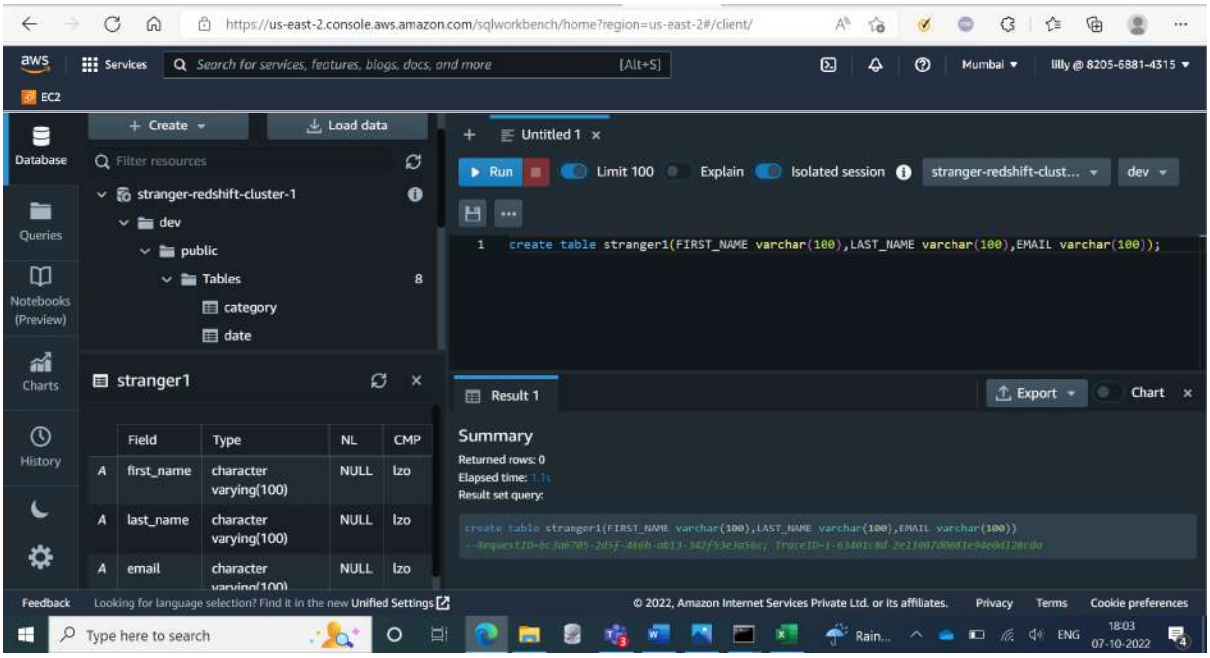
https://us-east-2.console.aws.amazon.com/sqlworkbench/home?region=us-east-2#/client/
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Database
Queries
Notebooks (Preview)
Charts
History
Create
Load data
Filter resources
stranger-redshift-cluster-1
dev
public
Tables
8
category
date
Untitled 1
Run
Limit 100
Explain
Isolated session
stranger-redshift-clust...
dev
1 create table stranger1(FIRST_NAME varchar(100),LAST_NAME varchar(100),EMAIL varchar(100));
stranger1
Field
Type
NL
CMP
A first_name character varying(100) NULL lzo
A last_name character varying(100) NULL lzo
A email character
Result 1
Export
Chart
Summary
Returned rows: 0
Elapsed time:
Result set query:
create table stranger1(FIRST_NAME varchar(100),LAST_NAME varchar(100),EMAIL varchar(100))
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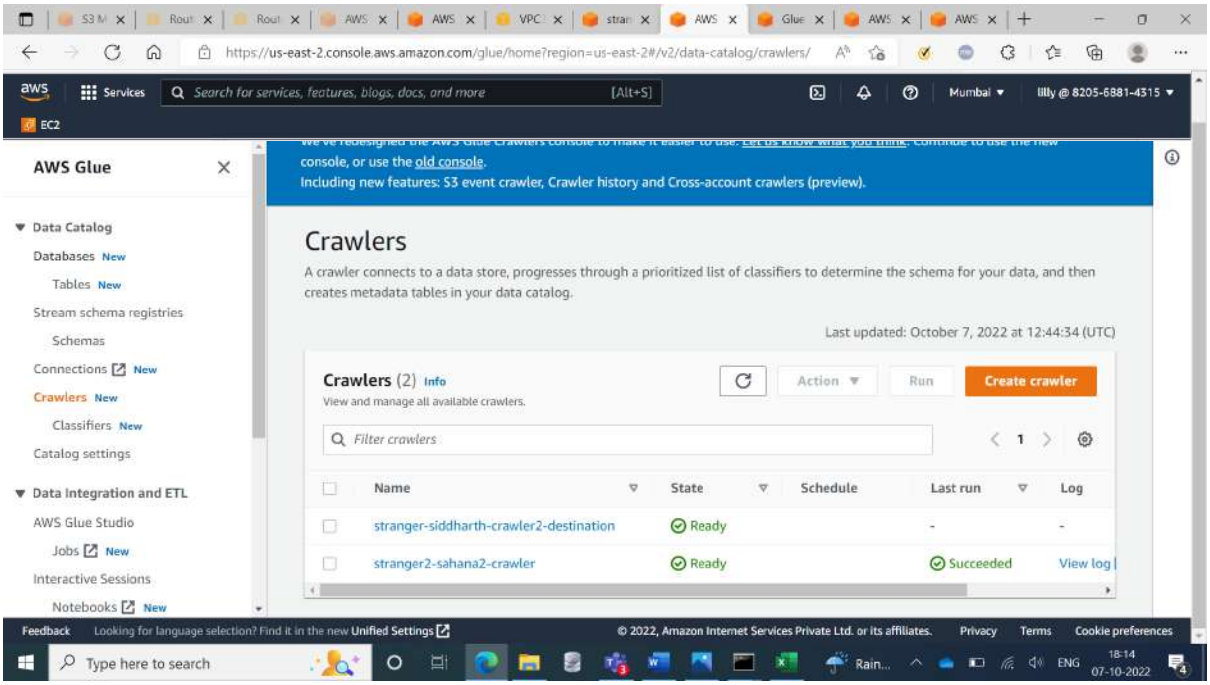
https://us-east-2.console.aws.amazon.com/glue/home?region=us-east-2#/v2/data-catalog/crawlers/
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console, or use the old console.
Including new features: S3 event crawler, Crawler history and Cross-account crawlers (preview).
Crawlers
A crawler connects to a data store, progresses through a prioritized list of classifiers to determine the schema for your data, and then creates metadata tables in your data catalog.
Last updated: October 7, 2022 at 12:44:34 (UTC)
Crawlers (2) Info
View and manage all available crawlers.
Action
Run
Create crawler
Filter crawlers
Name
State
Schedule
Last run
Log
stranger-siddharth-crawler2-destination
Ready
stranger2-sahana2-crawler
Ready
Succeeded
View log
Feedback
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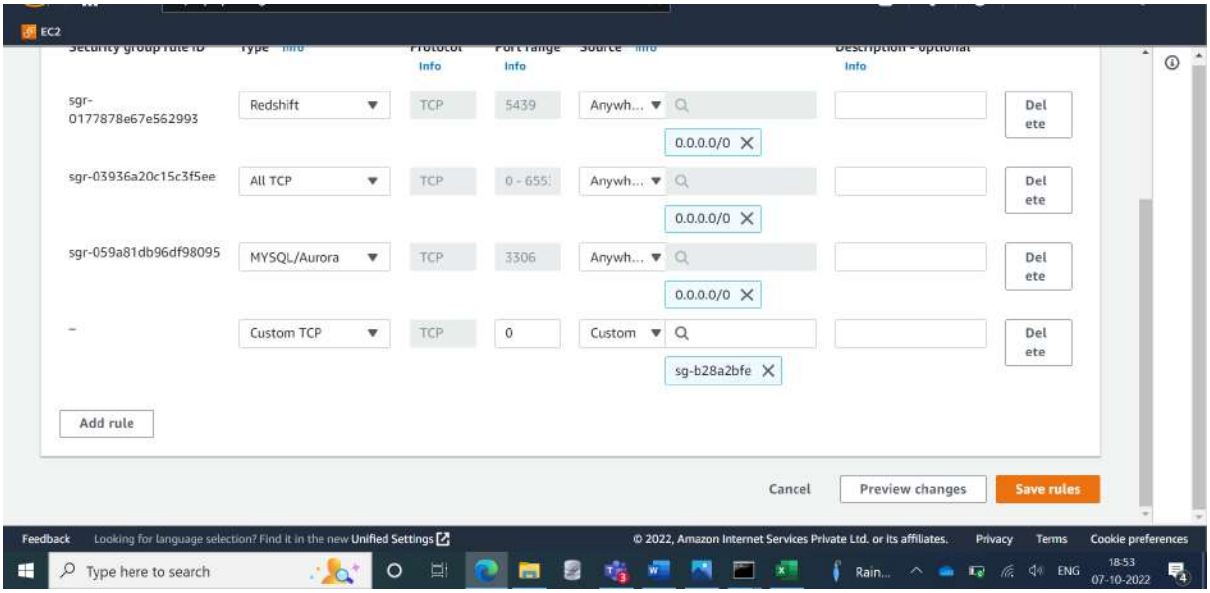
EC2
Info
Info
Info
sgr-0177878e67e562993
Redshift
TCP
5439
Anywh...
0.0.0.0/0
Delete
sgr-03936a20c15c3f5ee
All TCP
TCP
0 - 655
Anywh...
0.0.0.0/0
Delete
sgr-059a81db96df98095
MYSQL/Aurora
TCP
3306
Anywh...
0.0.0.0/0
Delete
-
Custom TCP
TCP
0
Custom
sg-b28a2bfe
Delete
Add rule
Cancel
Preview changes
Save rules
Feedback
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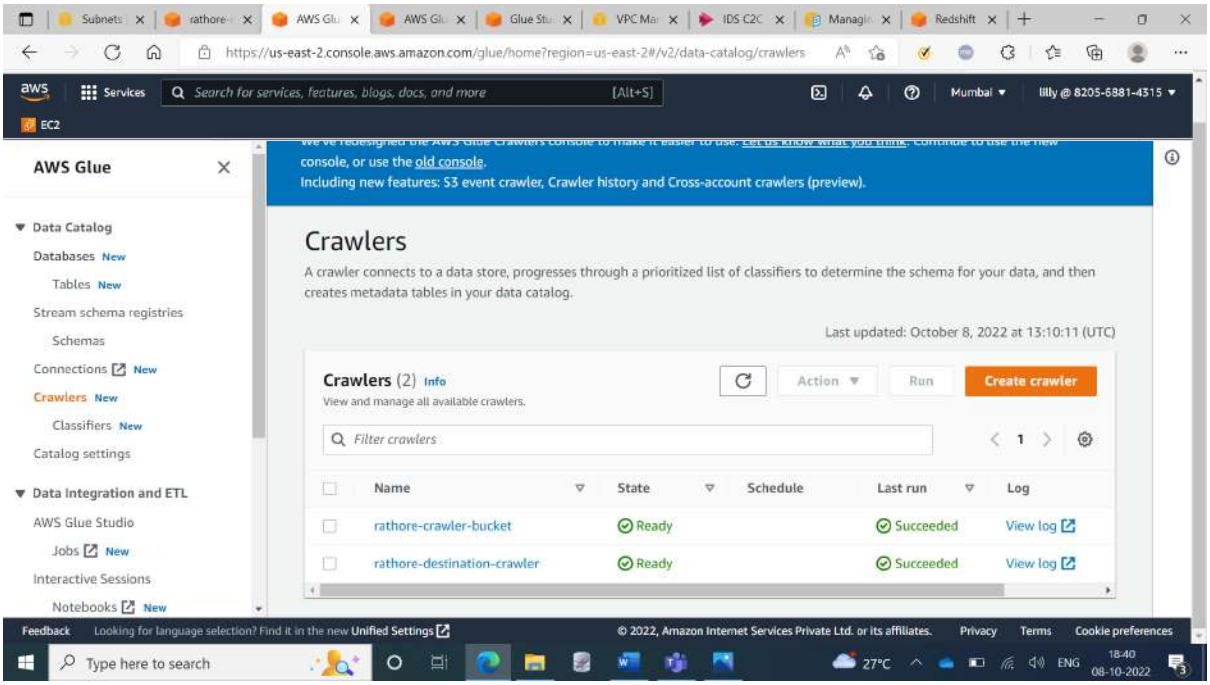
Type here to search
ENG
18:53
07-10-2022


https://us-east-2.console.aws.amazon.com/glue/home?region=us-east-2#/v2/data-catalog/crawlers
aws
Services
Search for services, features, blogs, docs, and more
[Alt+S]
Mumbai
lilly @ 8205-6881-4515
EC2
AWS Glue
Data Catalog
Databases New
Tables New
Stream schema registries
Schemas
Connections New
Crawlers New
Classifiers New
Catalog settings
Data Integration and ETL
AWS Glue Studio
Jobs New
Interactive Sessions
Notebooks New
console, or use the old console.
Including new features: S3 event crawler, Crawler history and Cross-account crawlers (preview).
Crawlers
A crawler connects to a data store, progresses through a prioritized list of classifiers to determine the schema for your data, and then creates metadata tables in your data catalog.
Last updated: October 8, 2022 at 13:10:11 (UTC)
Crawlers (2) Info
View and manage all available crawlers.
Action
Run
Create crawler
Filter crawlers
Name
State
Schedule
Last run
Log
rathore-crawler-bucket
Ready
Succeeded
View log
rathore-destination-crawler
Ready
Succeeded
View log
Feedback
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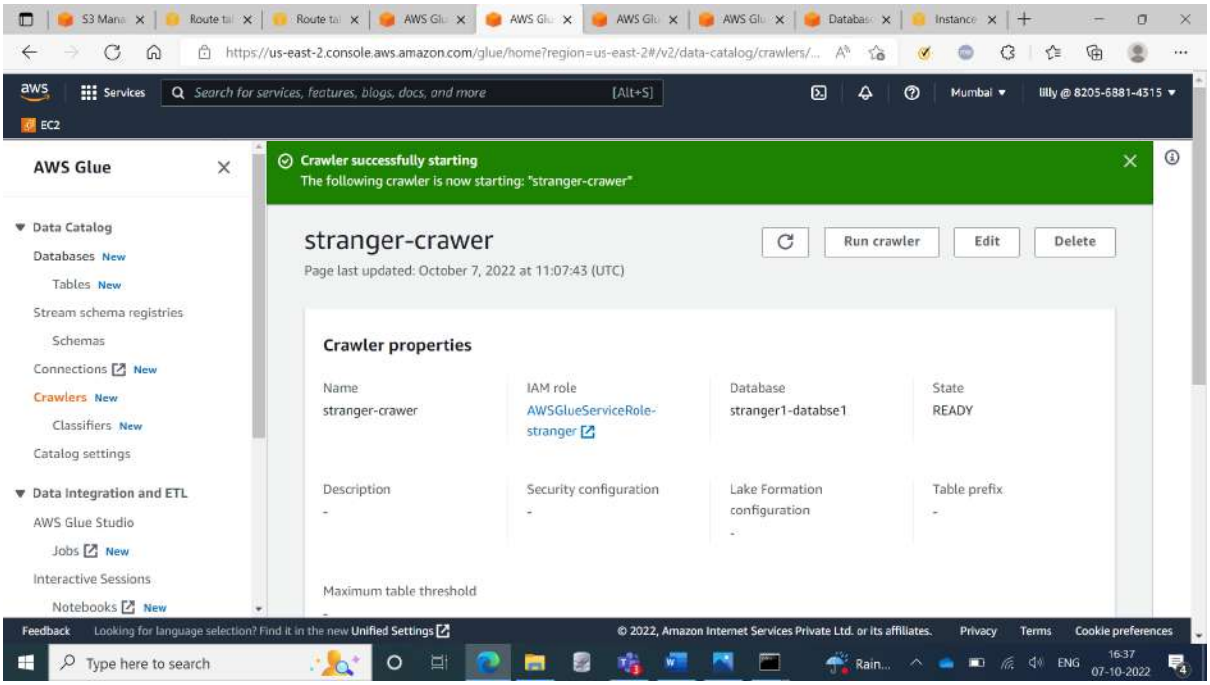
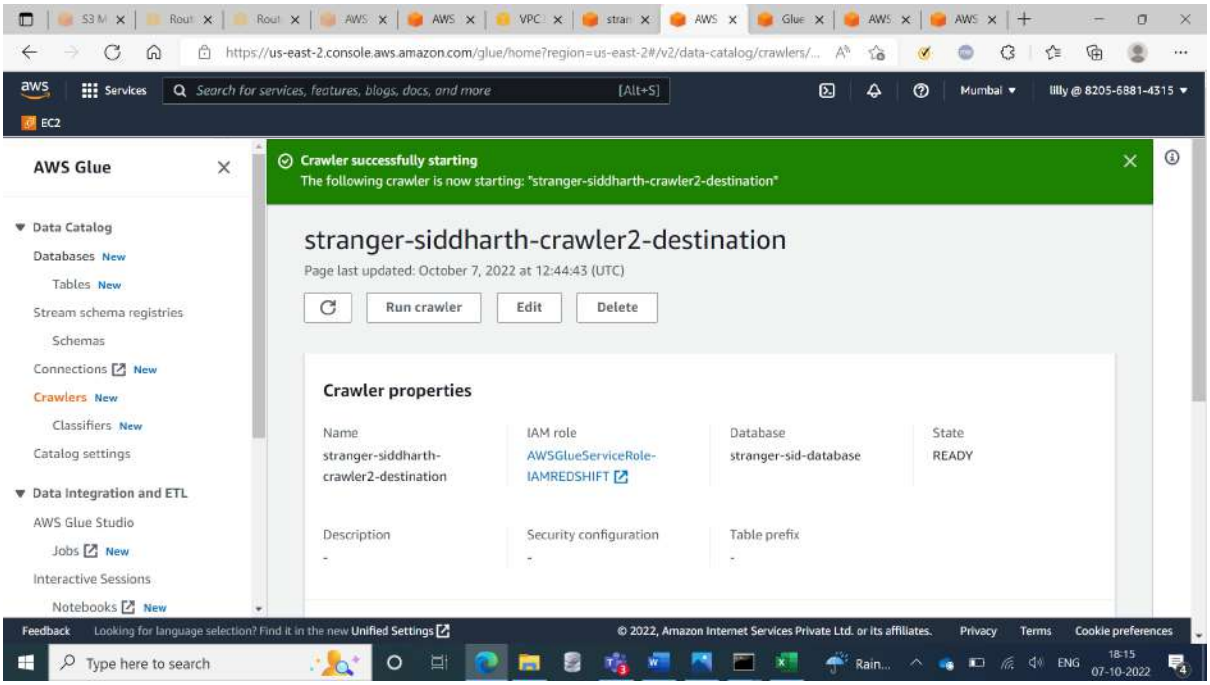
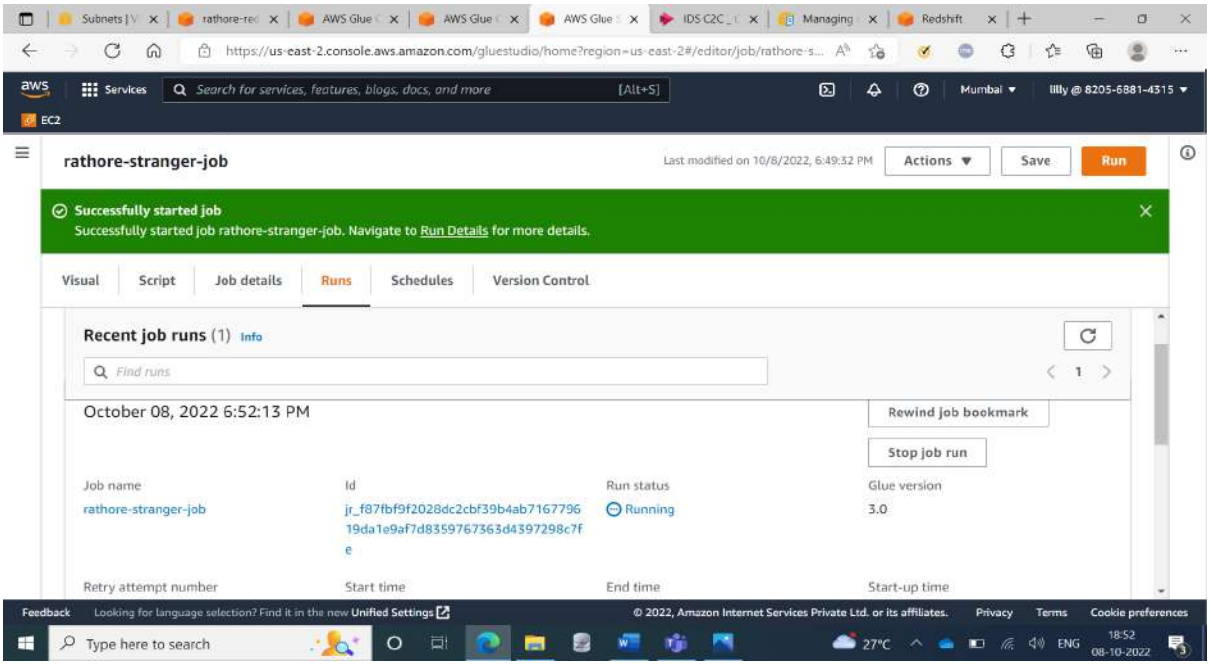
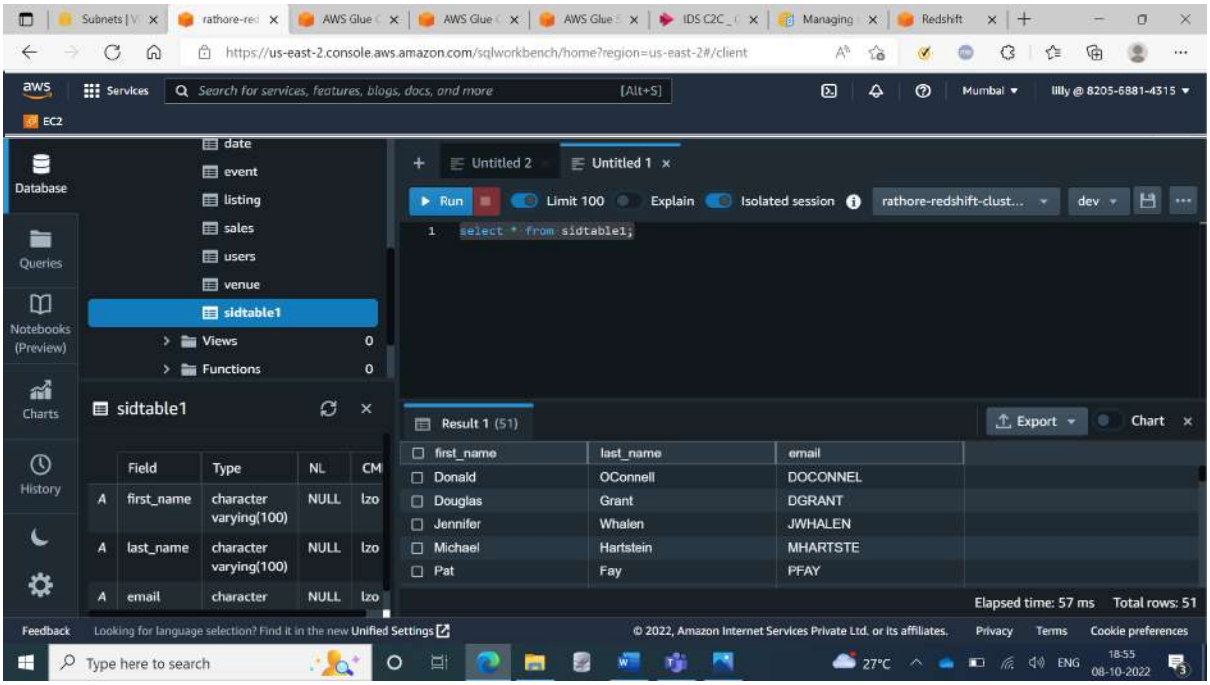
27°C
ENG
18:40
08-10-2022


Crawler successfully starting
The following crawler is now starting: "stranger-crawer"
stranger-crawer
Run crawler
Edit
Delete
Page last updated: October 7, 2022 at 11:07:43 (UTC)
Crawler properties
Name
stranger-crawer
IAM role
AWSGlueServiceRole-stranger
Database
stranger1-databse1
State
READY
Description
-
Security configuration
-
Lake Formation configuration
-
Table prefix
-
Maximum table threshold
-


Crawler successfully starting
The following crawler is now starting: "stranger-siddharth-crawler2-destination"
stranger-siddharth-crawler2-destination
Page last updated: October 7, 2022 at 12:44:43 (UTC)
Run crawler
Edit
Delete
Crawler properties
Name
stranger-siddharth-crawler2-destination
IAM role
AWSGlueServiceRole-IAMREDSHIFT
Database
stranger-sid-database
State
READY
Description
-
Security configuration
-
Table prefix
-


rathore-stranger-job
Last modified on 10/8/2022, 6:49:32 PM
Actions
Save
Run
Successfully started job
Successfully started job rathore-stranger-job. Navigate to Run Details for more details.
Visual
Script
Job details
Runs
Schedules
Version Control
Recent job runs (1) Info
Find runs
October 08, 2022 6:52:13 PM
Rewind job bookmark
Stop job run
Job name
rathore-stranger-job
Id
jr_f87fbf9f2028dc2cbf39b4ab716779619da1e9af7d8359767363d4397298c7fe
Run status
Running
Glue version
3.0
Retry attempt number
Start time
End time
Start-up time


Database
Queries
Notebooks (Preview)
Charts
History
date
event
listing
sales
users
venue
sidtable1
Views 0
Functions 0
sidtable1
Field
Type
NL
first_name
character varying(100)
last_name
character varying(100)
email
character
Untitled 2
Untitled 1
Run
Limit 100
Explain
Isolated session
rathore-redshift-clust...
dev
1 select * from sidtable1;
Result 1 (51)
Export
Chart
first_name
last_name
email
Donald
OConnell
DOCONNEL
Douglas
Grant
DGRANT
Jennifer
Whalen
JWHALEN
Michael
Hartstein
MHARTSTE
Pat
Fay
PFAY
Elapsed time: 57 ms
Total rows: 51