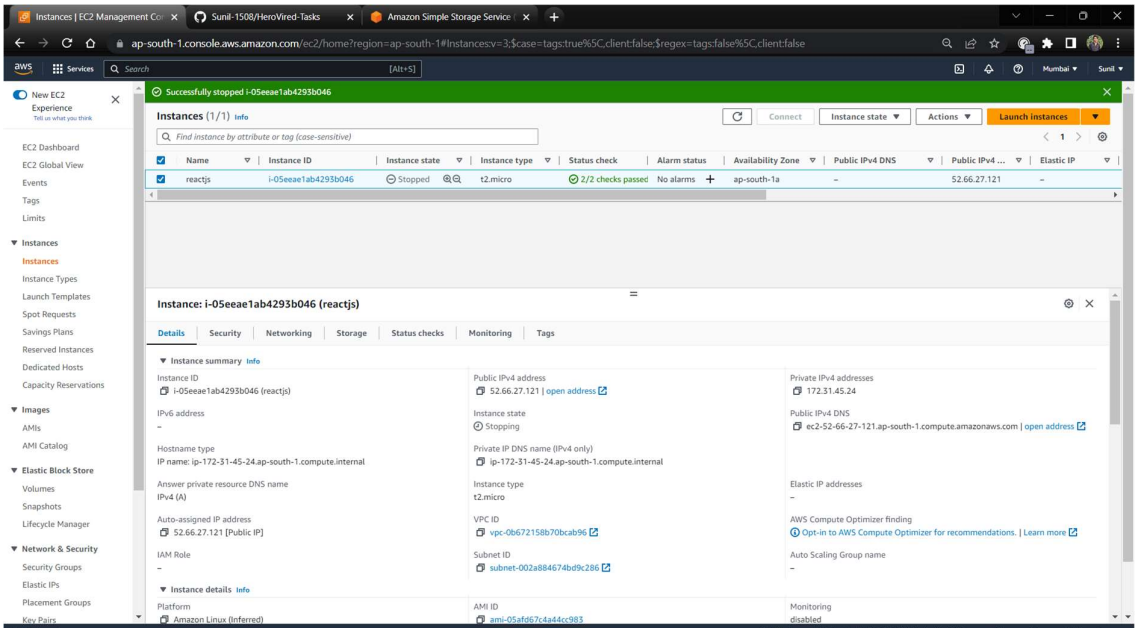
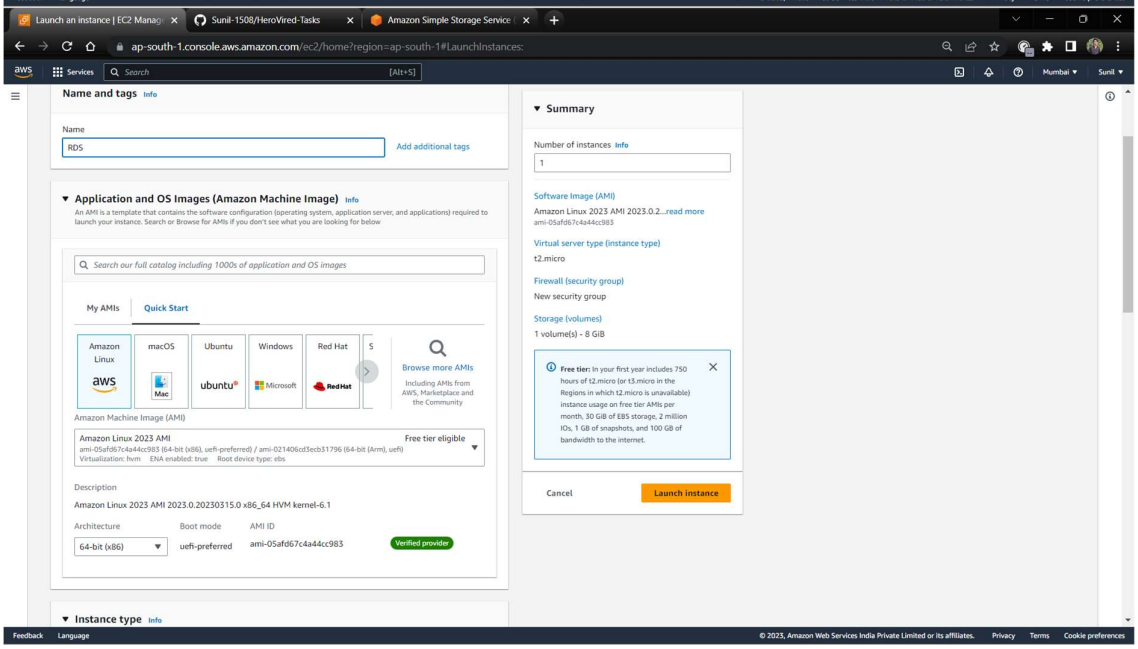
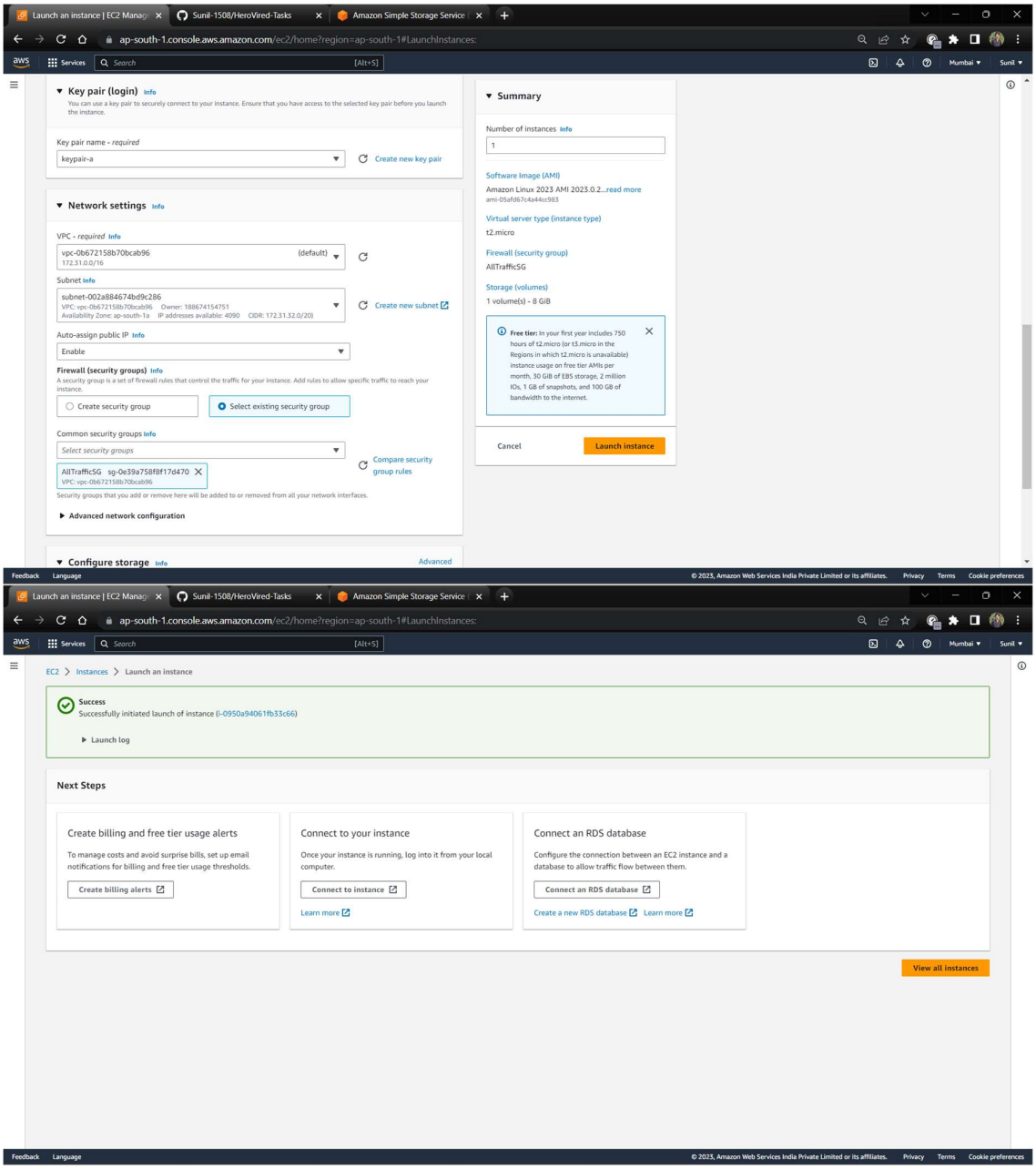
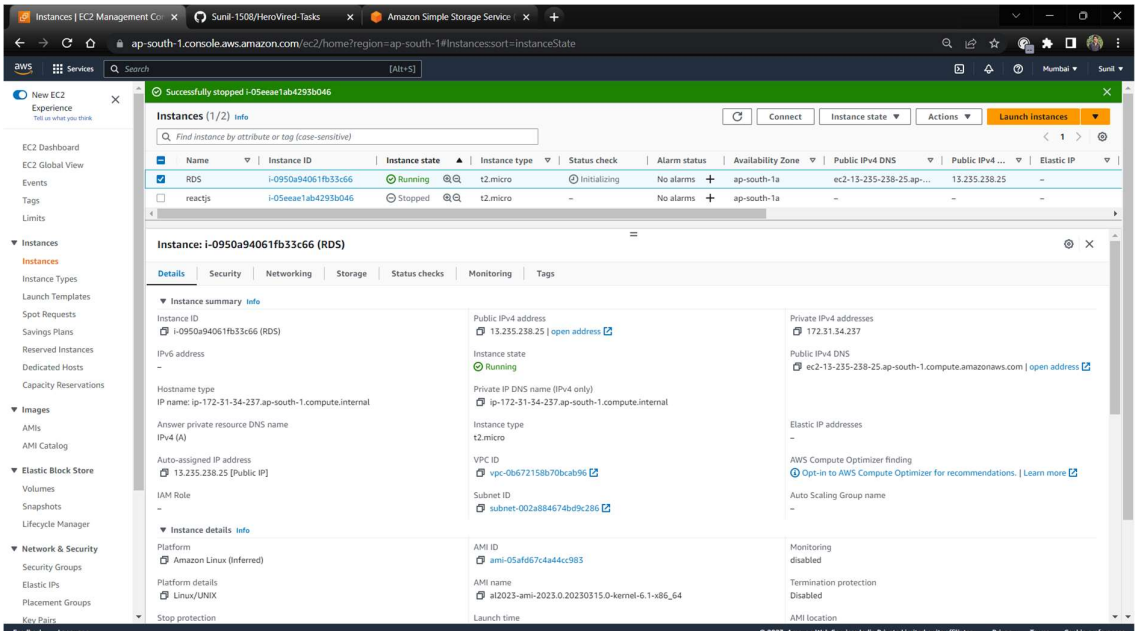
Create an rds connection with ec2 intance and use it to create an sql database and a sample table.

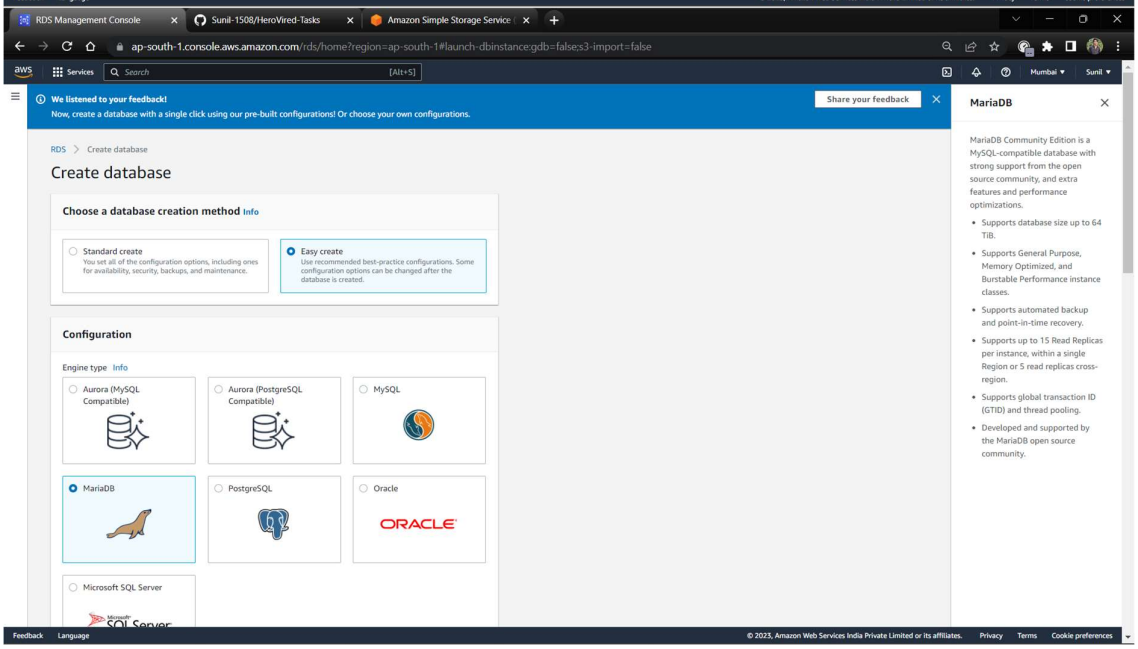




RollNo:- 20A91A05B1 NAME:- Sunil Noolu

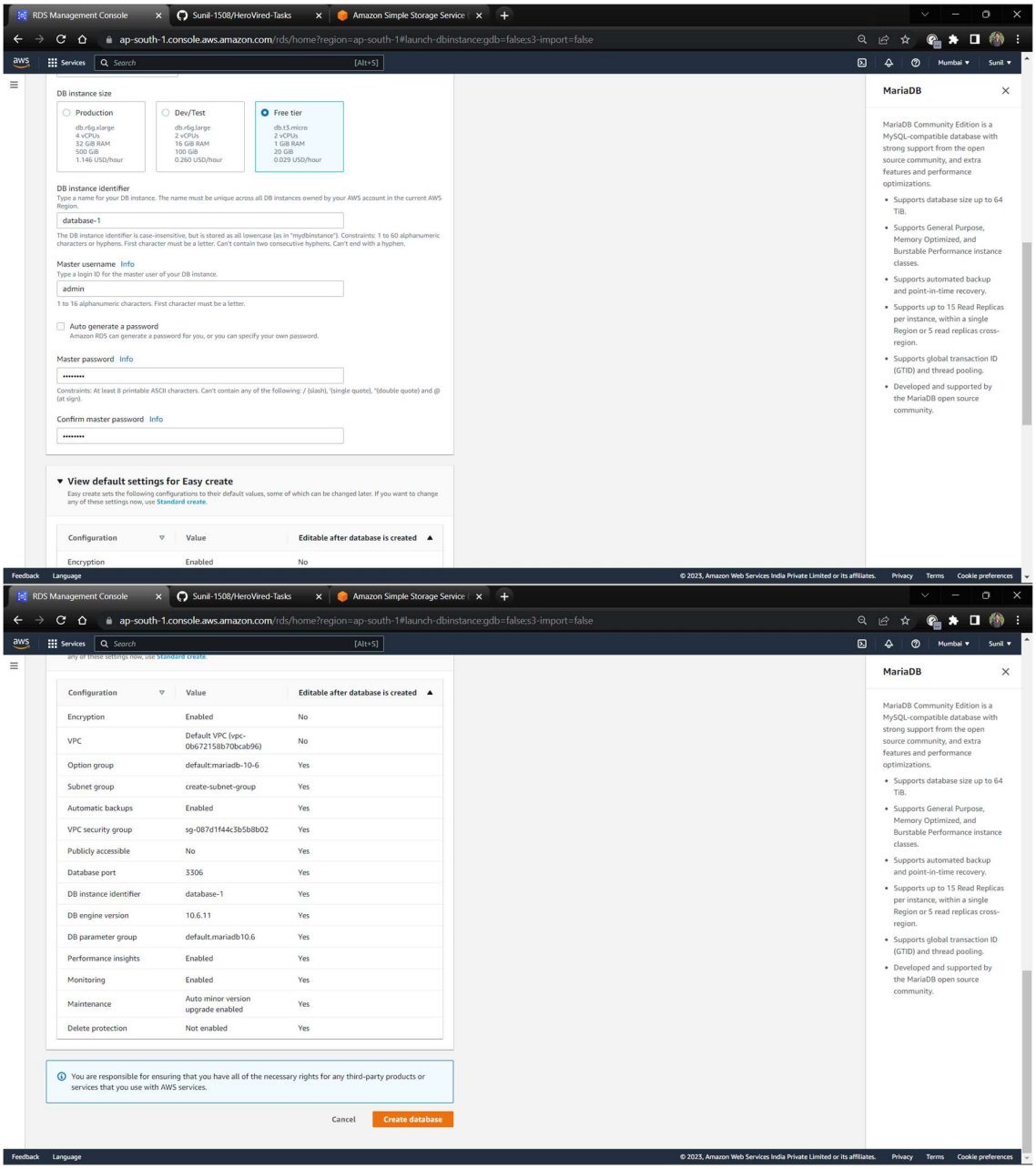

Launch an instance | EC2 Manag
Sunil-1508/HeroVired-Tasks
Amazon Simple Storage Service
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#LaunchInstances:
Services
Search
[Alt+S]
Mumbai
Sunil
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
keypair-a
Create new key pair
Network settings Info
VPC - required Info
vpc-0b672158b70bcab96 (default)
172.31.0.0/16
Subnet Info
subnet-002a884674bd9c286
VPC: vpc-0b672158b70bcab96 Owner: 188674154751
Availability Zone: ap-south-1a IP addresses available: 4090 CIDR: 172.31.32.0/20)
Create new subnet
Auto-assign public IP Info
Enable
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
Common security groups Info
Select security groups
AllTrafficSG sg-0e39a758f8f17d470
VPC: vpc-0b672158b70bcab96
Compare security group rules
Security groups that you add or remove here will be added to or removed from all your network interfaces.
Advanced network configuration
Configure storage Info
Advanced
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.0.2...read more
ami-05afd67c4a44cc983
Virtual server type (instance type)
t2.micro
Firewall (security group)
AllTrafficSG
Storage (volumes)
1 volume(s) - 8 GiB
Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 30 GiB of EBS storage, 2 million IOs, 1 GB of snapshots, and 100 GB of bandwidth to the internet.
Cancel
Launch instance
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
EC2 > Instances > Launch an instance
Success
Successfully initiated launch of instance (i-0950a94061fb33c66)
Launch log
Next Steps
Create billing and free tier usage alerts
To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.
Create billing alerts
Connect to your instance
Once your instance is running, log into it from your local computer.
Connect to instance
Learn more
Connect an RDS database
Configure the connection between an EC2 instance and a database to allow traffic flow between them.
Connect an RDS database
Create a new RDS database
Learn more
View all instances





RollNo:- 20A91A05B1

NAME:- Sunil Noolu


RDS Management Console
Sunil-1508/HeroVired-Tasks
Amazon Simple Storage Service
ap-south-1.console.aws.amazon.com/rds/home?region=ap-south-1#launch-dbinstance:gdb=false;s3-import=false
Services
Search
[Alt+S]
Mumbai
Sunil
DB instance size
Production
db.r6g.xlarge
4 vCPUs
32 GiB RAM
500 GiB
1.146 USD/hour
Dev/Test
db.r6g.large
2 vCPUs
16 GiB RAM
100 GiB
0.260 USD/hour
Free tier
db.t3.micro
2 vCPUs
1 GiB RAM
20 GiB
0.029 USD/hour
DB instance identifier
Type a name for your DB instance. The name must be unique across all DB instances owned by your AWS account in the current AWS Region.
database-1
The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.
Master username Info
Type a login ID for the master user of your DB instance.
admin
1 to 16 alphanumeric characters. First character must be a letter.
Auto generate a password
Amazon RDS can generate a password for you, or you can specify your own password.
Master password Info
Constraints: At least 8 printable ASCII characters. Can't contain any of the following: / (slash), '(single quote), "(double quote) and @ (at sign).
Confirm master password Info
View default settings for Easy create
Easy create sets the following configurations to their default values, some of which can be changed later. If you want to change any of these settings now, use Standard create.
Configuration
Value
Editable after database is created
Encryption
Enabled
No
MariaDB
MariaDB Community Edition is a MySQL-compatible database with strong support from the open source community, and extra features and performance optimizations.
Supports database size up to 64 TiB.
Supports General Purpose, Memory Optimized, and Burstable Performance instance classes.
Supports automated backup and point-in-time recovery.
Supports up to 15 Read Replicas per instance, within a single Region or 5 read replicas cross-region.
Supports global transaction ID (GTID) and thread pooling.
Developed and supported by the MariaDB open source community.
Feedback
Language
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Privacy
Terms
Cookie preferences
RDS Management Console
Sunil-1508/HeroVired-Tasks
Amazon Simple Storage Service
ap-south-1.console.aws.amazon.com/rds/home?region=ap-south-1#launch-dbinstance:gdb=false;s3-import=false
Services
Search
[Alt+S]
Mumbai
Sunil
Standard create.
Configuration
Value
Editable after database is created
Encryption
Enabled
No
VPC
Default VPC (vpc-0b672158b70bcab96)
No
Option group
default:mariadb-10-6
Yes
Subnet group
create-subnet-group
Yes
Automatic backups
Enabled
Yes
VPC security group
sg-087d1f44c3b5b8b02
Yes
Publicly accessible
No
Yes
Database port
3306
Yes
DB instance identifier
database-1
Yes
DB engine version
10.6.11
Yes
DB parameter group
default.mariadb10.6
Yes
Performance insights
Enabled
Yes
Monitoring
Enabled
Yes
Maintenance
Auto minor version upgrade enabled
Yes
Delete protection
Not enabled
Yes
You are responsible for ensuring that you have all of the necessary rights for any third-party products or services that you use with AWS services.
Cancel
Create database
MariaDB
MariaDB Community Edition is a MySQL-compatible database with strong support from the open source community, and extra features and performance optimizations.
Supports database size up to 64 TiB.
Supports General Purpose, Memory Optimized, and Burstable Performance instance classes.
Supports automated backup and point-in-time recovery.
Supports up to 15 Read Replicas per instance, within a single Region or 5 read replicas cross-region.
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Feedback
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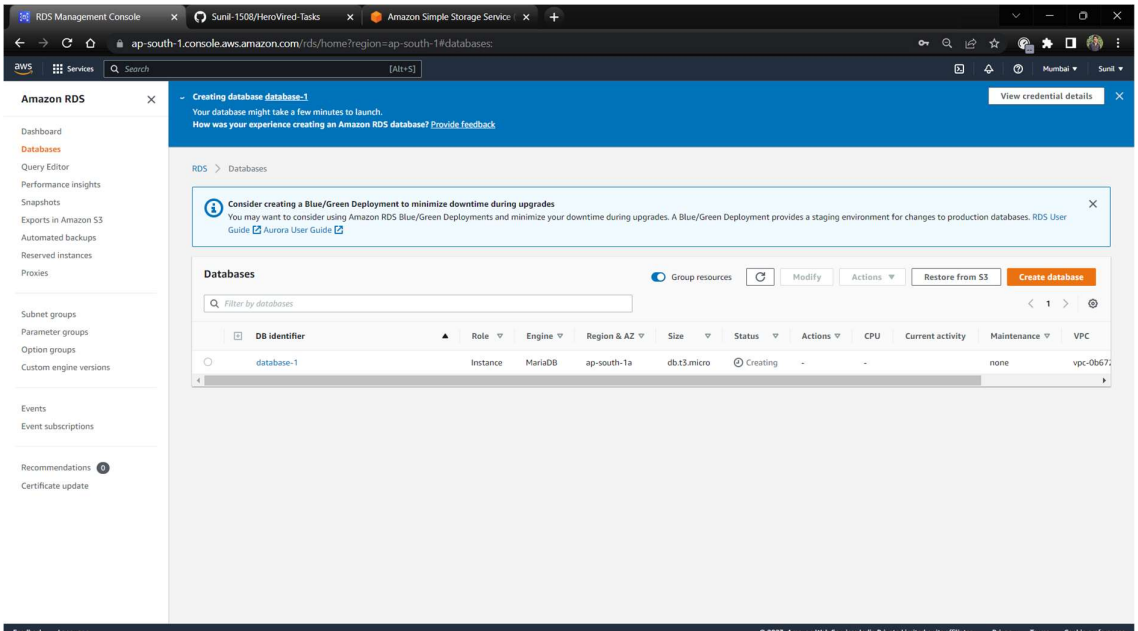
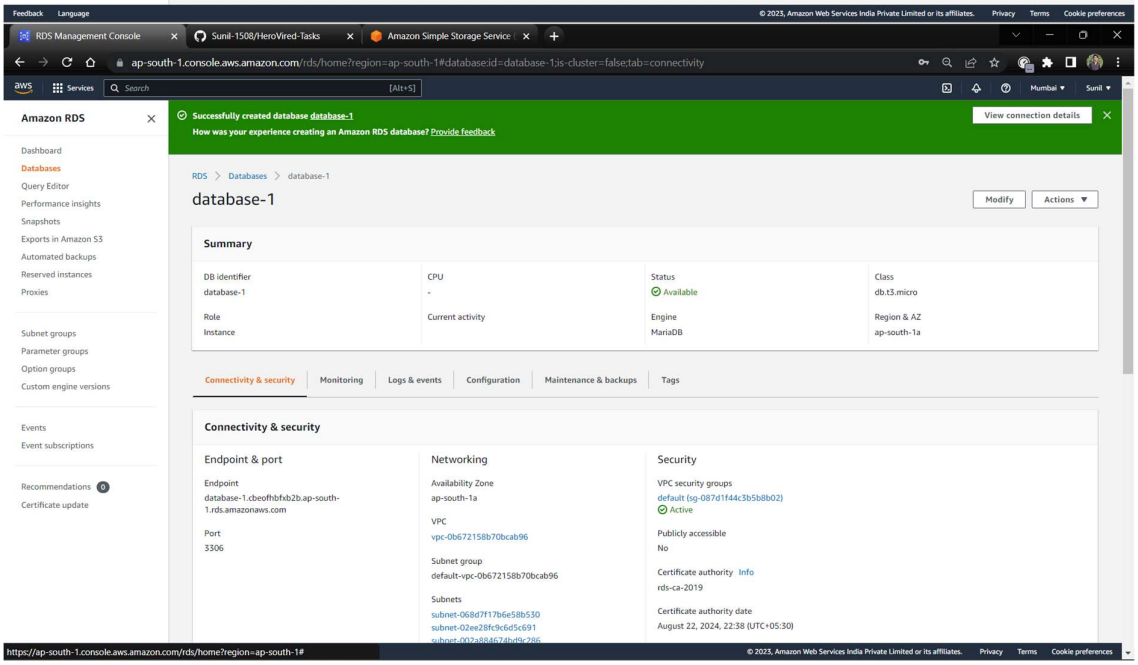
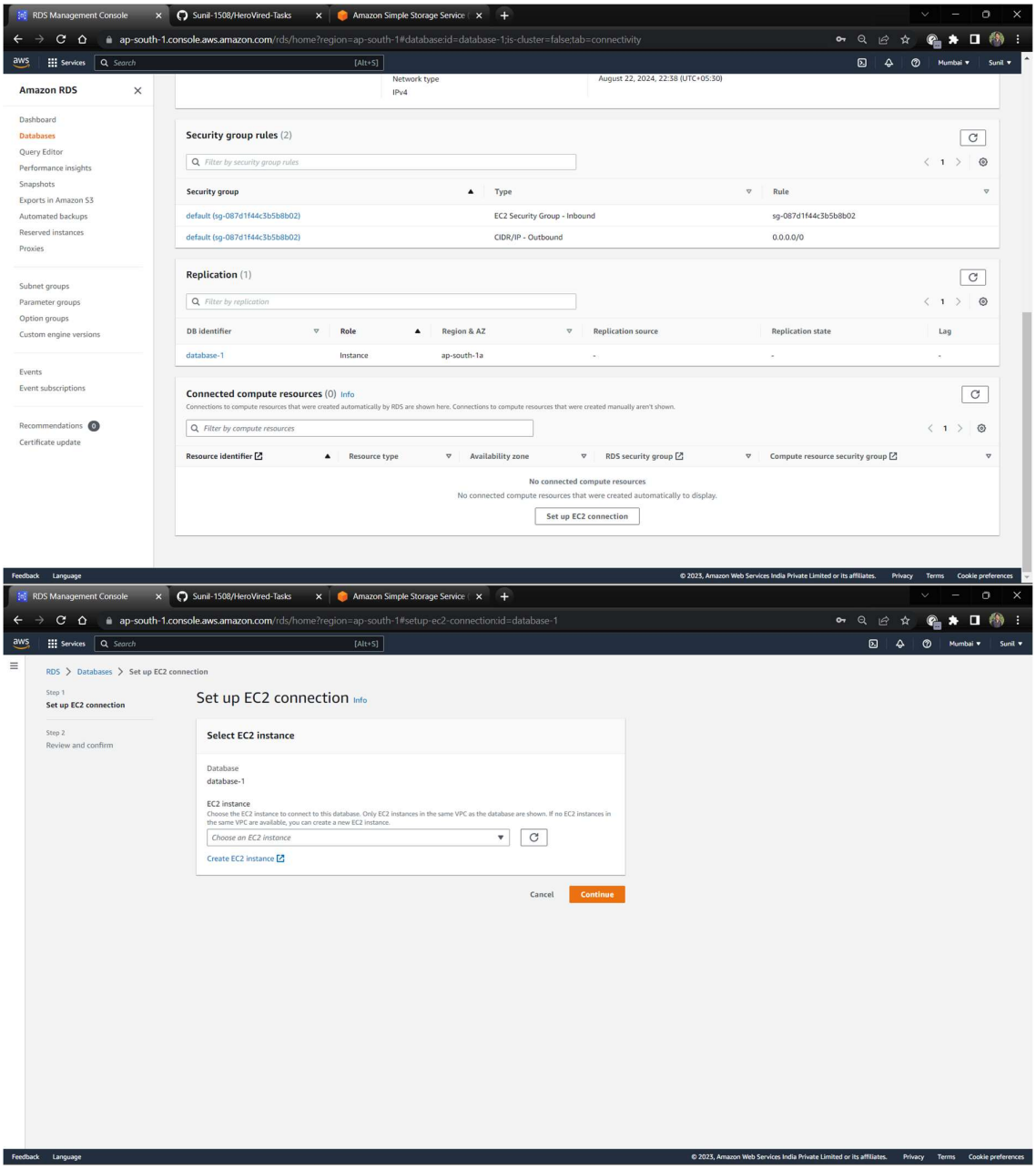




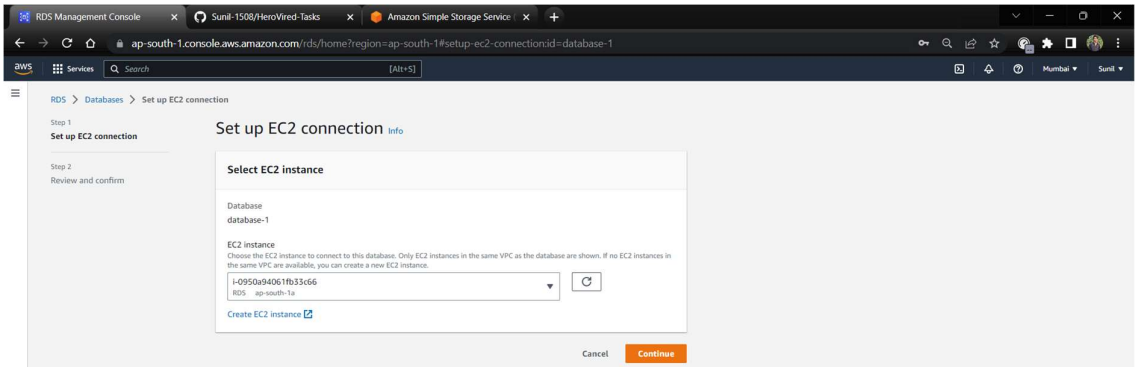
RollNo:- 20A91A05B1

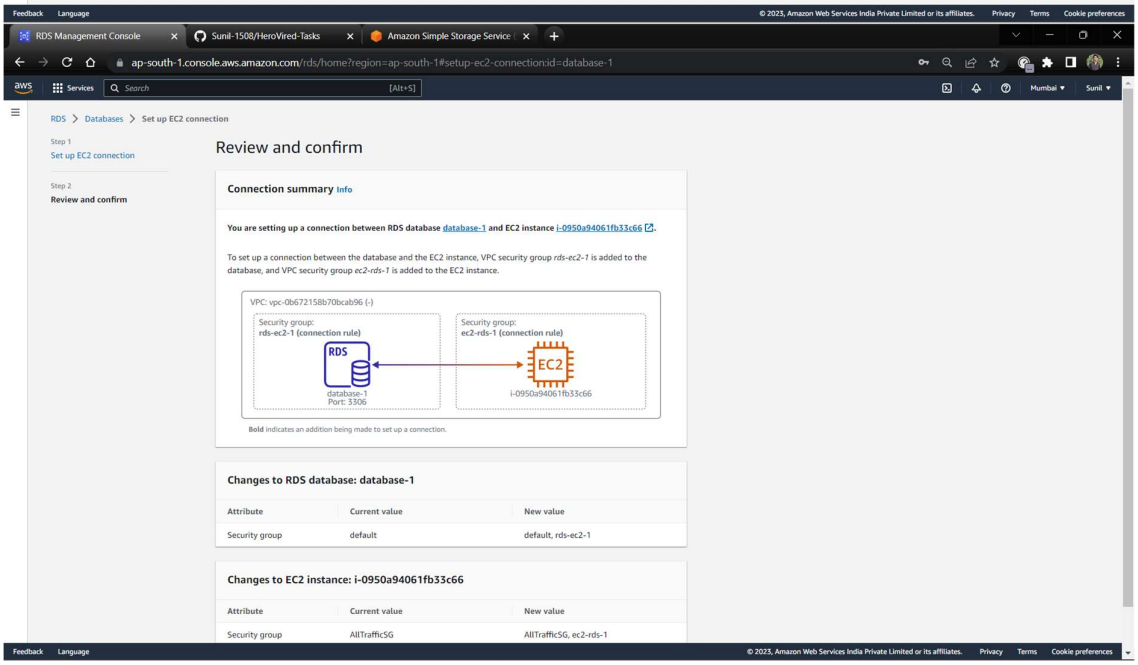
NAME:- Sunil Noolu



RollNo:- 20A91A05B1

NAME:- Sunil Noolu


RDS Management Console
Sunil-1508/HeroVired-Tasks
Amazon Simple Storage Service
ap-south-1.console.aws.amazon.com/rds/home?region=ap-south-1#setup-ec2-connection:id=database-1
Services
Search
[Alt+S]
Mumbai
Sunil
RDS > Databases > Set up EC2 connection
Step 1
Set up EC2 connection
Step 2
Review and confirm
Set up EC2 connection Info
Select EC2 instance
Database
database-1
EC2 instance
Choose the EC2 instance to connect to this database. Only EC2 instances in the same VPC as the database are shown. If no EC2 instances in the same VPC are available, you can create a new EC2 instance.
i-0950a94061fb33c66
RDS ap-south-1a
Create EC2 instance
Cancel
Continue


Feedback
Language
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Cookie preferences
RDS Management Console
Sunil-1508/HeroVired-Tasks
Amazon Simple Storage Service
ap-south-1.console.aws.amazon.com/rds/home?region=ap-south-1#setup-ec2-connection:id=database-1
Services
Search
[Alt+S]
Mumbai
Sunil
RDS > Databases > Set up EC2 connection
Step 1
Set up EC2 connection
Step 2
Review and confirm
Review and confirm
Connection summary Info
You are setting up a connection between RDS database database-1 and EC2 instance i-0950a94061fb33c66.
To set up a connection between the database and the EC2 instance, VPC security group rds-ec2-1 is added to the database, and VPC security group ec2-rds-1 is added to the EC2 instance.
VPC: vpc-0b672158b70bcab96 (-)
Security group:
rds-ec2-1 (connection rule)
RDS
database-1
Port: 3306
Security group:
ec2-rds-1 (connection rule)
EC2
i-0950a94061fb33c66
Bold indicates an addition being made to set up a connection.
Changes to RDS database: database-1
Attribute
Current value
New value
Security group
default
default, rds-ec2-1
Changes to EC2 instance: i-0950a94061fb33c66
Attribute
Current value
New value
Security group
AllTrafficSG
AllTrafficSG, ec2-rds-1
Feedback
Language
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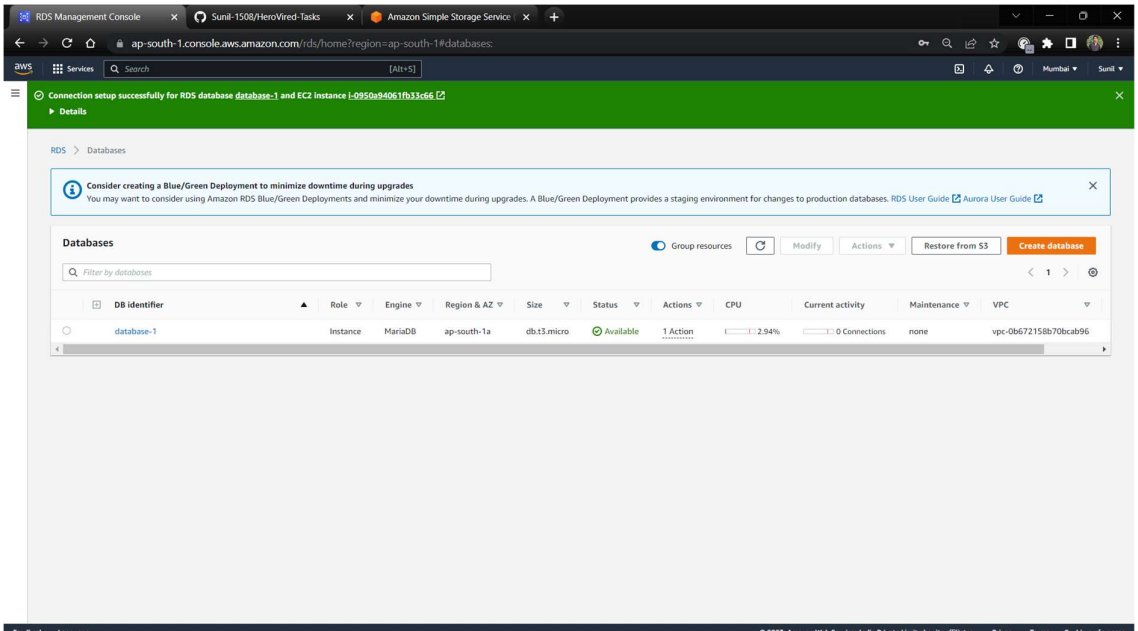
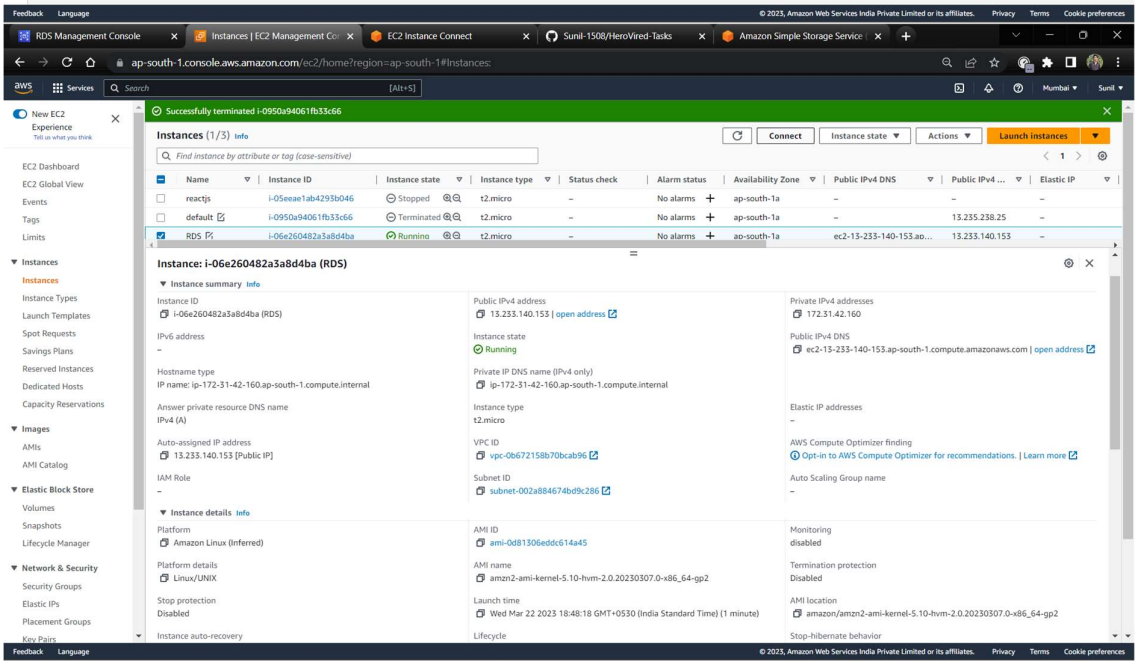
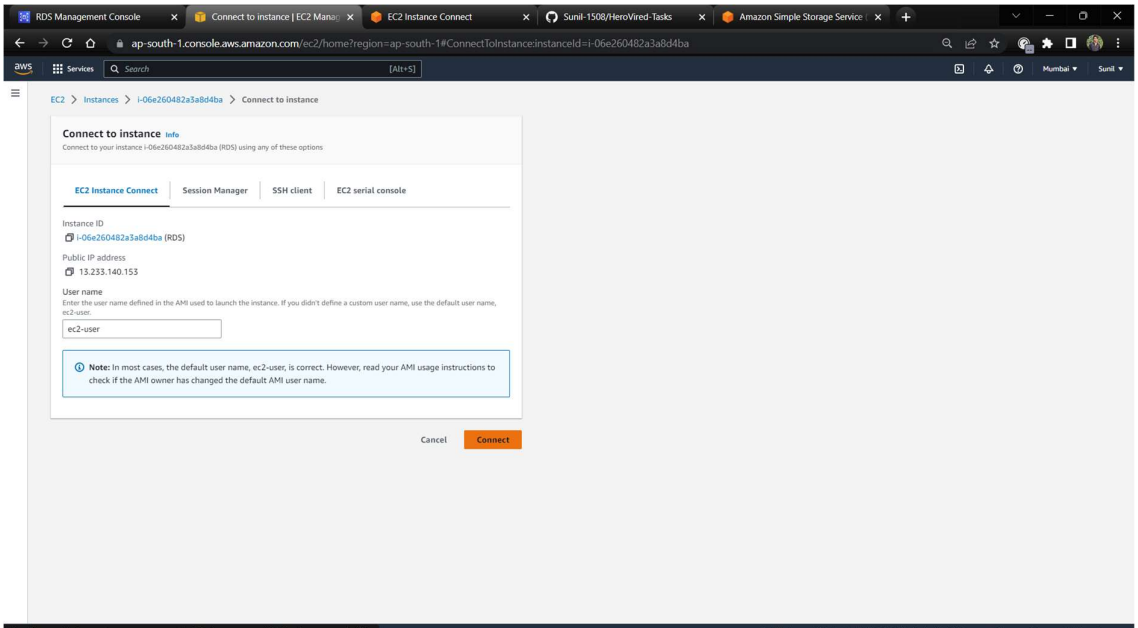
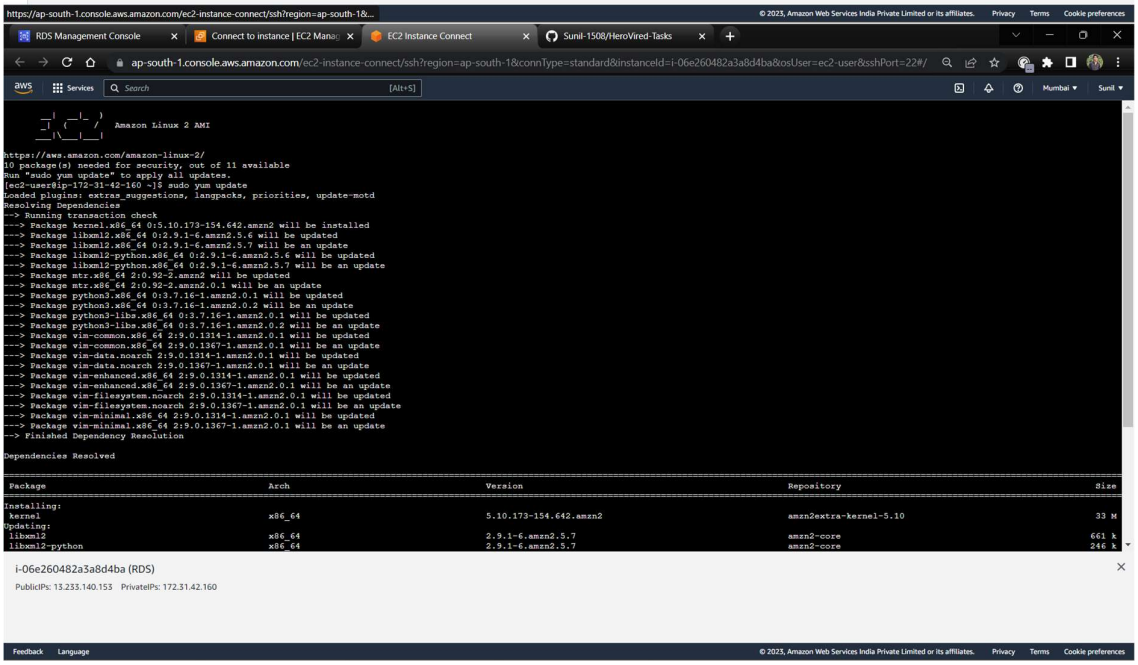

RDS Management Console
Sunil-1508/HeroVired-Tasks
Amazon Simple Storage Service
ap-south-1.console.aws.amazon.com/rds/home?region=ap-south-1#databases:
Connection setup successfully for RDS database database-1 and EC2 instance i-0950a94061fb33c66
Details
RDS > Databases
Consider creating a Blue/Green Deployment to minimize downtime during upgrades
You may want to consider using Amazon RDS Blue/Green Deployments and minimize your downtime during upgrades. A Blue/Green Deployment provides a staging environment for changes to production databases. RDS User Guide Aurora User Guide
Databases
Group resources
Modify
Actions
Restore from S3
Create database
Filter by databases
DB identifier
Role
Engine
Region & AZ
Size
Status
Actions
CPU
Current activity
Maintenance
VPC
database-1
Instance
MariaDB
ap-south-1a
db.t3.micro
Available
1 Action
2.94%
0 Connections
none
vpc-0b672158b70bcab96


RDS Management Console
Instances | EC2 Management Co
EC2 Instance Connect
Sunil-1508/HeroVired-Tasks
Amazon Simple Storage Service
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#Instances:
Successfully terminated i-0950a94061fb33c66
Instances (1/3) Info
Connect
Instance state
Actions
Launch instances
Find instance by attribute or tag (case-sensitive)
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
Public IPv4 ...
Elastic IP
reactjs
i-05eeae1ab4293b046
Stopped
t2.micro
No alarms
ap-south-1a
default
i-0950a94061fb33c66
Terminated
t2.micro
No alarms
ap-south-1a
13.235.238.25
RDS
i-06e260482a3a8d4ba
Running
t2.micro
No alarms
ap-south-1a
ec2-13-233-140-153.ap...
13.233.140.153
Instance: i-06e260482a3a8d4ba (RDS)
Instance summary Info
Instance ID
i-06e260482a3a8d4ba (RDS)
Public IPv4 address
13.233.140.153 | open address
Private IPv4 addresses
172.31.42.160
IPv6 address
Instance state
Running
Public IPv4 DNS
ec2-13-233-140-153.ap-south-1.compute.amazonaws.com | open address
Hostname type
IP name: ip-172-31-42-160.ap-south-1.compute.internal
Private IP DNS name (IPv4 only)
ip-172-31-42-160.ap-south-1.compute.internal
Answer private resource DNS name
IPv4 (A)
Instance type
t2.micro
Elastic IP addresses
Auto-assigned IP address
13.233.140.153 [Public IP]
VPC ID
vpc-0b672158b70bcab96
AWS Compute Optimizer finding
Opt-in to AWS Compute Optimizer for recommendations. | Learn more
IAM Role
Subnet ID
subnet-002a884674bd9c286
Auto Scaling Group name
Instance details Info
Platform
Amazon Linux (Inferred)
AMI ID
ami-0d81306eddc614a45
Monitoring
disabled
Platform details
Linux/UNIX
AMI name
amzn2-ami-kernel-5.10-hvm-2.0.20230307.0-x86_64-gp2
Termination protection
Disabled
Stop protection
Disabled
Launch time
Wed Mar 22 2023 18:48:18 GMT+0530 (India Standard Time) (1 minute)
AMI location
amazon/amzn2-ami-kernel-5.10-hvm-2.0.20230307.0-x86_64-gp2
Instance auto-recovery
Lifecycle
Stop-hibernate behavior
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs


RDS Management Console
Connect to instance | EC2 Manag
EC2 Instance Connect
Sunil-1508/HeroVired-Tasks
Amazon Simple Storage Service
ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-06e260482a3a8d4ba
Services
Search
[Alt+S]
Mumbai
Sunil
EC2 > Instances > i-06e260482a3a8d4ba > Connect to instance
Connect to instance Info
Connect to your instance i-06e260482a3a8d4ba (RDS) using any of these options
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Instance ID
i-06e260482a3a8d4ba (RDS)
Public IP address
13.233.140.153
User name
Enter the user name defined in the AMI used to launch the instance. If you didn't define a custom user name, use the default user name, ec2-user.
ec2-user
Note: In most cases, the default user name, ec2-user, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.
Cancel
Connect


https://ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&...
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RDS Management Console
Connect to instance | EC2 Manag
EC2 Instance Connect
Sunil-1508/HeroVired-Tasks
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-06e260482a3a8d4ba&osUser=ec2-user&sshPort=22#/
Services
Search
[Alt+S]
Mumbai
Sunil
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
10 package(s) needed for security, out of 11 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-172-31-42-160 ~]$ sudo yum update
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
---> Package kernel.x86_64 0:5.10.173-154.642.amzn2 will be installed
---> Package libxml2.x86_64 0:2.9.1-6.amzn2.5.6 will be updated
---> Package libxml2.x86_64 0:2.9.1-6.amzn2.5.7 will be an update
---> Package libxml2-python.x86_64 0:2.9.1-6.amzn2.5.6 will be updated
---> Package libxml2-python.x86_64 0:2.9.1-6.amzn2.5.7 will be an update
---> Package mtr.x86_64 2:0.92-2.amzn2 will be updated
---> Package mtr.x86_64 2:0.92-2.amzn2.0.1 will be an update
---> Package python3.x86_64 0:3.7.16-1.amzn2.0.1 will be updated
---> Package python3.x86_64 0:3.7.16-1.amzn2.0.2 will be an update
---> Package python3-libs.x86_64 0:3.7.16-1.amzn2.0.1 will be updated
---> Package python3-libs.x86_64 0:3.7.16-1.amzn2.0.2 will be an update
---> Package vim-common.x86_64 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-common.x86_64 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-data.noarch 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-data.noarch 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-enhanced.x86_64 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-enhanced.x86_64 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-filesystem.noarch 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-filesystem.noarch 2:9.0.1367-1.amzn2.0.1 will be an update
---> Package vim-minimal.x86_64 2:9.0.1314-1.amzn2.0.1 will be updated
---> Package vim-minimal.x86_64 2:9.0.1367-1.amzn2.0.1 will be an update
--> Finished Dependency Resolution
Dependencies Resolved
Package
Arch
Version
Repository
Size
Installing:
kernel
x86_64
5.10.173-154.642.amzn2
amzn2extra-kernel-5.10
33 M
Updating:
libxml2
x86_64
2.9.1-6.amzn2.5.7
amzn2-core
661 k
libxml2-python
x86_64
2.9.1-6.amzn2.5.7
amzn2-core
246 k
i-06e260482a3a8d4ba (RDS)
PublicIPs: 13.233.140.153 PrivateIPs: 172.31.42.160
Feedback
Language
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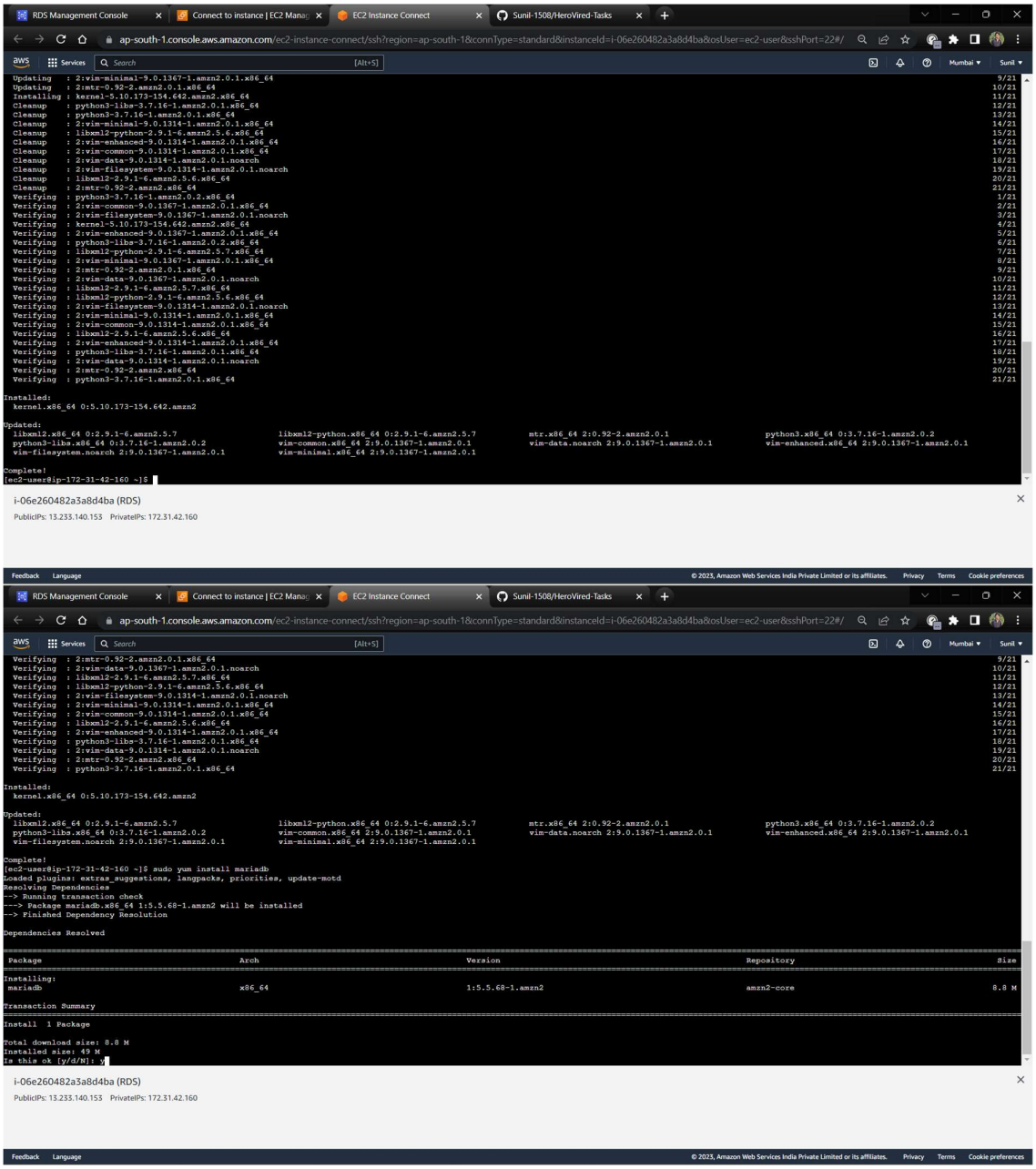
Cookie preferences


RDS Management Console
Connect to instance | EC2 Manag
EC2 Instance Connect
Sunil-1508/HeroVired-Tasks
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-06e260482a3a8d4ba&osUser=ec2-user&sshPort=22#/
Services
Search
[Alt+S]
Mumbai
Sunil
Updating : 2:vim-minimal-9.0.1367-1.amzn2.0.1.x86_64 9/21
Updating : 2:mtr-0.92-2.amzn2.0.1.x86_64 10/21
Installing : kernel-5.10.173-154.642.amzn2.x86_64 11/21
Cleanup : python3-libs-3.7.16-1.amzn2.0.1.x86_64 12/21
Cleanup : python3-3.7.16-1.amzn2.0.1.x86_64 13/21
Cleanup : 2:vim-minimal-9.0.1314-1.amzn2.0.1.x86_64 14/21
Cleanup : libxml2-python-2.9.1-6.amzn2.5.6.x86_64 15/21
Cleanup : 2:vim-enhanced-9.0.1314-1.amzn2.0.1.x86_64 16/21
Cleanup : 2:vim-common-9.0.1314-1.amzn2.0.1.x86_64 17/21
Cleanup : 2:vim-data-9.0.1314-1.amzn2.0.1.noarch 18/21
Cleanup : 2:vim-filesystem-9.0.1314-1.amzn2.0.1.noarch 19/21
Cleanup : libxml2-2.9.1-6.amzn2.5.6.x86_64 20/21
Cleanup : 2:mtr-0.92-2.amzn2.x86_64 21/21
Verifying : python3-3.7.16-1.amzn2.0.2.x86_64 1/21
Verifying : 2:vim-common-9.0.1367-1.amzn2.0.1.x86_64 2/21
Verifying : 2:vim-filesystem-9.0.1367-1.amzn2.0.1.noarch 3/21
Verifying : kernel-5.10.173-154.642.amzn2.x86_64 4/21
Verifying : 2:vim-enhanced-9.0.1367-1.amzn2.0.1.x86_64 5/21
Verifying : python3-libs-3.7.16-1.amzn2.0.2.x86_64 6/21
Verifying : libxml2-python-2.9.1-6.amzn2.5.7.x86_64 7/21
Verifying : 2:vim-minimal-9.0.1367-1.amzn2.0.1.x86_64 8/21
Verifying : 2:mtr-0.92-2.amzn2.0.1.x86_64 9/21
Verifying : 2:vim-data-9.0.1367-1.amzn2.0.1.noarch 10/21
Verifying : libxml2-2.9.1-6.amzn2.5.7.x86_64 11/21
Verifying : libxml2-python-2.9.1-6.amzn2.5.6.x86_64 12/21
Verifying : 2:vim-filesystem-9.0.1314-1.amzn2.0.1.noarch 13/21
Verifying : 2:vim-minimal-9.0.1314-1.amzn2.0.1.x86_64 14/21
Verifying : 2:vim-common-9.0.1314-1.amzn2.0.1.x86_64 15/21
Verifying : libxml2-2.9.1-6.amzn2.5.6.x86_64 16/21
Verifying : 2:vim-enhanced-9.0.1314-1.amzn2.0.1.x86_64 17/21
Verifying : python3-libs-3.7.16-1.amzn2.0.1.x86_64 18/21
Verifying : 2:vim-data-9.0.1314-1.amzn2.0.1.noarch 19/21
Verifying : 2:mtr-0.92-2.amzn2.x86_64 20/21
Verifying : python3-3.7.16-1.amzn2.0.1.x86_64 21/21
Installed:
kernel.x86_64 0:5.10.173-154.642.amzn2
Updated:
libxml2.x86_64 0:2.9.1-6.amzn2.5.7
libxml2-python.x86_64 0:2.9.1-6.amzn2.5.7
mtr.x86_64 2:0.92-2.amzn2.0.1
python3.x86_64 0:3.7.16-1.amzn2.0.2
python3-libs.x86_64 0:3.7.16-1.amzn2.0.2
vim-common.x86_64 2:9.0.1367-1.amzn2.0.1
vim-data.noarch 2:9.0.1367-1.amzn2.0.1
vim-enhanced.x86_64 2:9.0.1367-1.amzn2.0.1
vim-filesystem.noarch 2:9.0.1367-1.amzn2.0.1
vim-minimal.x86_64 2:9.0.1367-1.amzn2.0.1
Complete!
[ec2-user@ip-172-31-42-160 ~]$
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RDS Management Console
Connect to instance | EC2 Manag
EC2 Instance Connect
Sunil-1508/HeroVired-Tasks
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-06e260482a3a8d4ba&osUser=ec2-user&sshPort=22#/
Services
Search
[Alt+S]
Mumbai
Sunil
Verifying : 2:mtr-0.92-2.amzn2.0.1.x86_64 9/21
Verifying : 2:vim-data-9.0.1367-1.amzn2.0.1.noarch 10/21
Verifying : libxml2-2.9.1-6.amzn2.5.7.x86_64 11/21
Verifying : libxml2-python-2.9.1-6.amzn2.5.6.x86_64 12/21
Verifying : 2:vim-filesystem-9.0.1314-1.amzn2.0.1.noarch 13/21
Verifying : 2:vim-minimal-9.0.1314-1.amzn2.0.1.x86_64 14/21
Verifying : 2:vim-common-9.0.1314-1.amzn2.0.1.x86_64 15/21
Verifying : libxml2-2.9.1-6.amzn2.5.6.x86_64 16/21
Verifying : 2:vim-enhanced-9.0.1314-1.amzn2.0.1.x86_64 17/21
Verifying : python3-libs-3.7.16-1.amzn2.0.1.x86_64 18/21
Verifying : 2:vim-data-9.0.1314-1.amzn2.0.1.noarch 19/21
Verifying : 2:mtr-0.92-2.amzn2.x86_64 20/21
Verifying : python3-3.7.16-1.amzn2.0.1.x86_64 21/21
Installed:
kernel.x86_64 0:5.10.173-154.642.amzn2
Updated:
libxml2.x86_64 0:2.9.1-6.amzn2.5.7
libxml2-python.x86_64 0:2.9.1-6.amzn2.5.7
mtr.x86_64 2:0.92-2.amzn2.0.1
python3.x86_64 0:3.7.16-1.amzn2.0.2
python3-libs.x86_64 0:3.7.16-1.amzn2.0.2
vim-common.x86_64 2:9.0.1367-1.amzn2.0.1
vim-data.noarch 2:9.0.1367-1.amzn2.0.1
vim-enhanced.x86_64 2:9.0.1367-1.amzn2.0.1
vim-filesystem.noarch 2:9.0.1367-1.amzn2.0.1
vim-minimal.x86_64 2:9.0.1367-1.amzn2.0.1
Complete!
[ec2-user@ip-172-31-42-160 ~]$ sudo 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 Version 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
i-06e260482a3a8d4ba (RDS)
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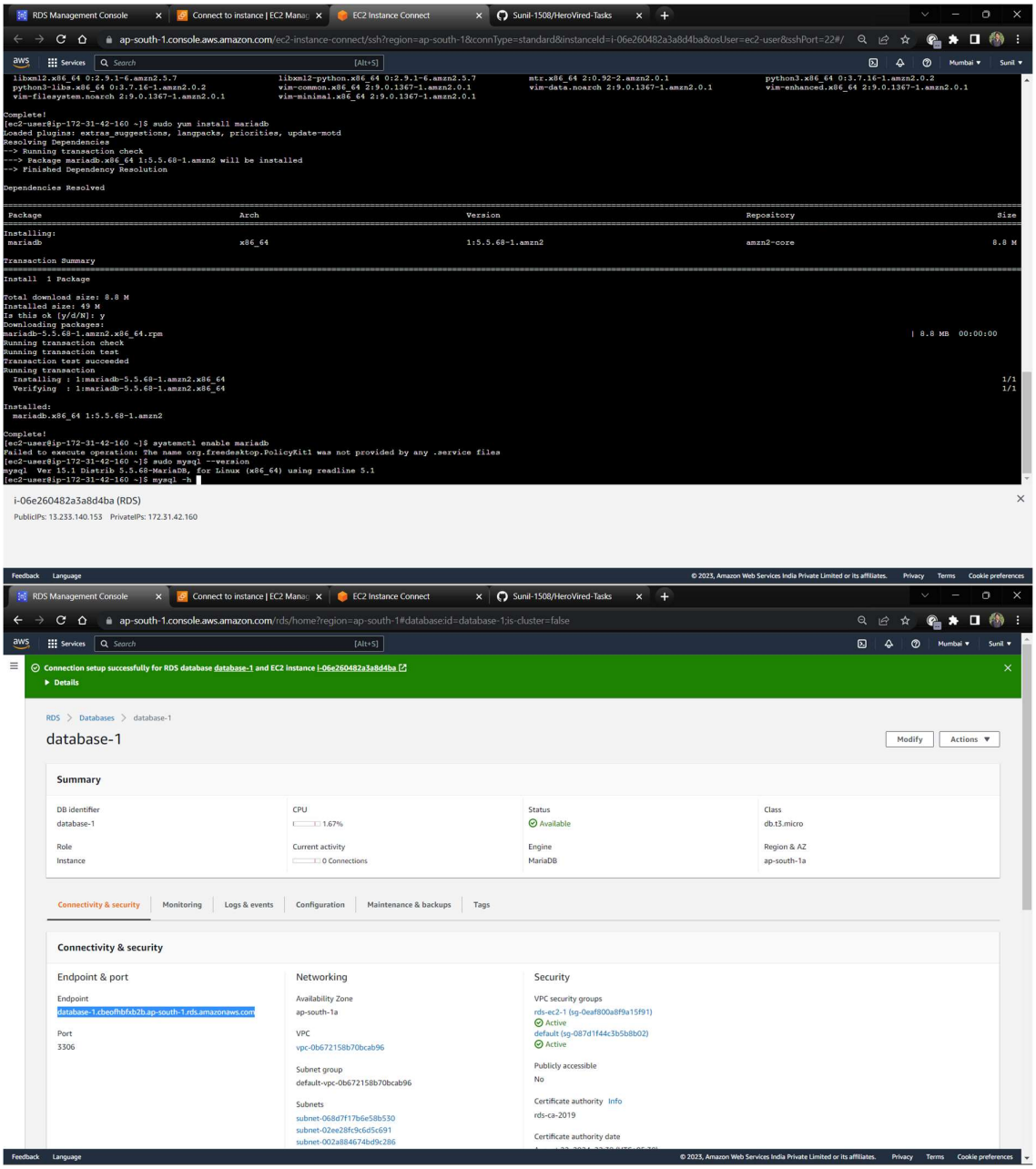
RDS Management Console
Connect to instance | EC2 Manag
EC2 Instance Connect
Sunil-1508/HeroVired-Tasks
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-06e260482a3a8d4ba&osUser=ec2-user&sshPort=22#/
libxml2.x86_64 0:2.9.1-6.amzn2.5.7
libxml2-python.x86_64 0:2.9.1-6.amzn2.5.7
mtr.x86_64 2:0.92-2.amzn2.0.1
python3.x86_64 0:3.7.16-1.amzn2.0.2
python3-libs.x86_64 0:3.7.16-1.amzn2.0.2
vim-common.x86_64 2:9.0.1367-1.amzn2.0.1
vim-data.noarch 2:9.0.1367-1.amzn2.0.1
vim-enhanced.x86_64 2:9.0.1367-1.amzn2.0.1
vim-filesystem.noarch 2:9.0.1367-1.amzn2.0.1
vim-minimal.x86_64 2:9.0.1367-1.amzn2.0.1
Complete!
[ec2-user@ip-172-31-42-160 ~]$ sudo 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
Version
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!
[ec2-user@ip-172-31-42-160 ~]$ systemctl enable mariadb
Failed to execute operation: The name org.freedesktop.PolicyKit1 was not provided by any .service files
[ec2-user@ip-172-31-42-160 ~]$ sudo mysql --version
mysql Ver 15.1 Distrib 5.5.68-MariaDB, for Linux (x86_64) using readline 5.1
[ec2-user@ip-172-31-42-160 ~]$ mysql -h
i-06e260482a3a8d4ba (RDS)
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RDS Management Console
Connect to instance | EC2 Manag
EC2 Instance Connect
Sunil-1508/HeroVired-Tasks
ap-south-1.console.aws.amazon.com/rds/home?region=ap-south-1#database:id=database-1;is-cluster=false
Connection setup successfully for RDS database database-1 and EC2 instance i-06e260482a3a8d4ba
Details
RDS > Databases > database-1
database-1
Modify
Actions
Summary
DB identifier
database-1
CPU
1.67%
Status
Available
Class
db.t3.micro
Role
Instance
Current activity
0 Connections
Engine
MariaDB
Region & AZ
ap-south-1a
Connectivity & security
Monitoring
Logs & events
Configuration
Maintenance & backups
Tags
Connectivity & security
Endpoint & port
Endpoint
database-1.cbeofhbfxb2b.ap-south-1.rds.amazonaws.com
Port
3306
Networking
Availability Zone
ap-south-1a
VPC
vpc-0b672158b70bcab96
Subnet group
default-vpc-0b672158b70bcab96
Subnets
subnet-068d7f17b6e58b530
subnet-02ee28fc9c6d5c691
subnet-002a884674bd9c286
Security
VPC security groups
rds-ec2-1 (sg-0eaf800a8f9a15f91)
Active
default (sg-087d1f44c3b5b8b02)
Active
Publicly accessible
No
Certificate authority Info
rds-ca-2019
Certificate authority date
Feedback
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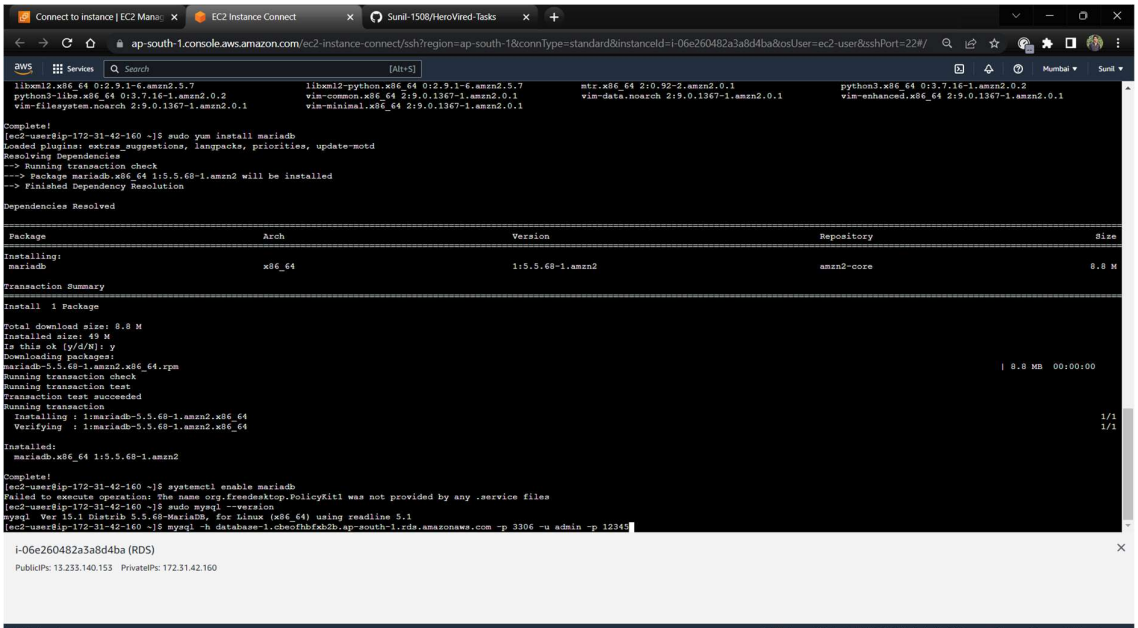
Connect to instance | EC2 Mana
EC2 Instance Connect
Sunil-1508/HeroVired-Tasks
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-06e260482a3a8d4ba&osUser=ec2-user&sshPort=22#/
libxml2.x86_64 0:2.9.1-6.amzn2.5.7 libxml2-python.x86_64 0:2.9.1-6.amzn2.5.7 mtr.x86_64 2:0.92-2.amzn2.0.1 python3.x86_64 0:3.7.16-1.amzn2.0.2
python3-libs.x86_64 0:3.7.16-1.amzn2.0.2 vim-common.x86_64 2:9.0.1367-1.amzn2.0.1 vim-data.noarch 2:9.0.1367-1.amzn2.0.1 vim-enhanced.x86_64 2:9.0.1367-1.amzn2.0.1
vim-filesystem.noarch 2:9.0.1367-1.amzn2.0.1 vim-minimal.x86_64 2:9.0.1367-1.amzn2.0.1
Complete!
[ec2-user@ip-172-31-42-160 ~]$ sudo 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 Version 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!
[ec2-user@ip-172-31-42-160 ~]$ systemctl enable mariadb
Failed to execute operation: The name org.freedesktop.PolicyKit1 was not provided by any .service files
[ec2-user@ip-172-31-42-160 ~]$ sudo mysql --version
mysql Ver 15.1 Distrib 5.5.68-MariaDB, for Linux (x86_64) using readline 5.1
[ec2-user@ip-172-31-42-160 ~]$ mysql -h database-1.cbeofhbfxb2b.ap-south-1.rds.amazonaws.com -p 3306 -u admin -p 12345
i-06e260482a3a8d4ba (RDS)
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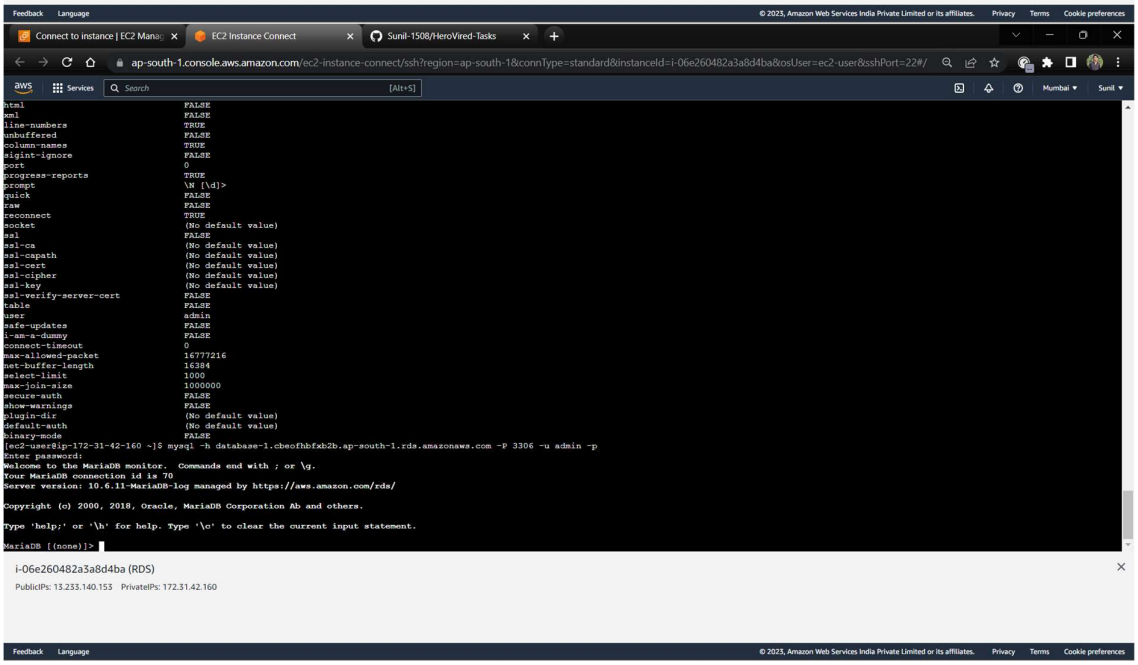
Connect to instance | EC2 Mana
EC2 Instance Connect
Sunil-1508/HeroVired-Tasks
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-06e260482a3a8d4ba&osUser=ec2-user&sshPort=22#/
html FALSE
xml FALSE
line-numbers TRUE
unbuffered FALSE
column-names TRUE
sigint-ignore FALSE
port 0
progress-reports TRUE
prompt \N [\d]>
quick FALSE
raw FALSE
reconnect TRUE
socket (No default value)
ssl FALSE
ssl-ca (No default value)
ssl-capath (No default value)
ssl-cert (No default value)
ssl-cipher (No default value)
ssl-key (No default value)
ssl-verify-server-cert FALSE
table FALSE
user admin
safe-updates FALSE
i-am-a-dummy FALSE
connect-timeout 0
max-allowed-packet 16777216
net-buffer-length 16384
select-limit 1000
max-join-size 1000000
secure-auth FALSE
show-warnings FALSE
plugin-dir (No default value)
default-auth (No default value)
binary-mode FALSE
[ec2-user@ip-172-31-42-160 ~]$ mysql -h database-1.cbeofhbfxb2b.ap-south-1.rds.amazonaws.com -P 3306 -u admin -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 70
Server version: 10.6.11-MariaDB-log managed by https://aws.amazon.com/rds/
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MariaDB [(none)]>
i-06e260482a3a8d4ba (RDS)
PublicIPs: 13.233.140.153 PrivateIPs: 172.31.42.160
Feedback Language
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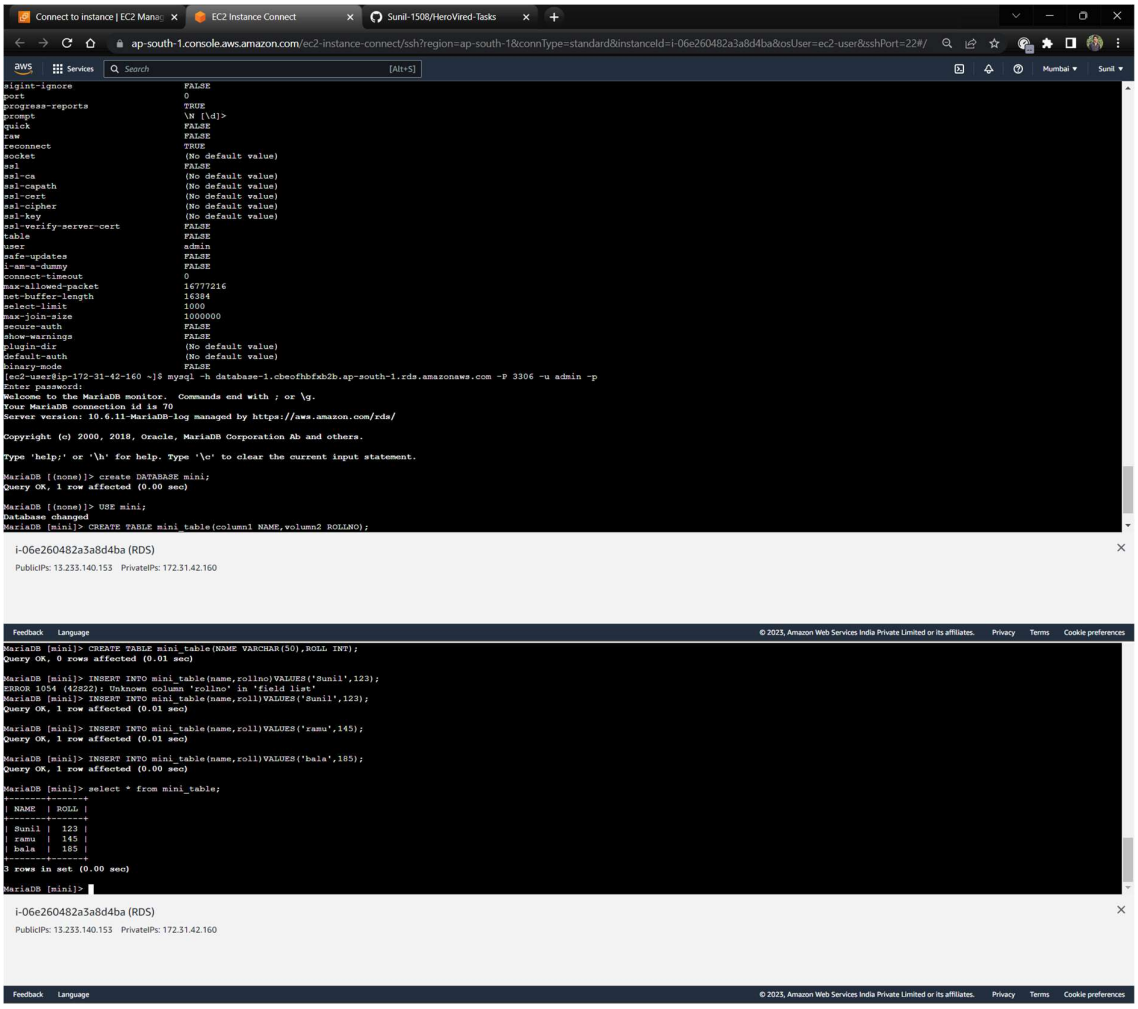
Connect to instance | EC2 Manag
EC2 Instance Connect
Sunil-1508/HeroVired-Tasks
ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-south-1&connType=standard&instanceId=i-06e260482a3a8d4ba&osUser=ec2-user&sshPort=22#/
Services
Search
[Alt+S]
Mumbai
Sunil
sigint-ignore FALSE
port 0
progress-reports TRUE
prompt \N [\d]>
quick FALSE
raw FALSE
reconnect TRUE
socket (No default value)
ssl FALSE
ssl-ca (No default value)
ssl-capath (No default value)
ssl-cert (No default value)
ssl-cipher (No default value)
ssl-key (No default value)
ssl-verify-server-cert FALSE
table FALSE
user admin
safe-updates FALSE
i-am-a-dummy FALSE
connect-timeout 0
max-allowed-packet 16777216
net-buffer-length 16384
select-limit 1000
max-join-size 1000000
secure-auth FALSE
show-warnings FALSE
plugin-dir (No default value)
default-auth (No default value)
binary-mode FALSE
[ec2-user@ip-172-31-42-160 ~]$ mysql -h database-1.cbeofhbfxb2b.ap-south-1.rds.amazonaws.com -P 3306 -u admin -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MariaDB connection id is 70
Server version: 10.6.11-MariaDB-log managed by https://aws.amazon.com/rds/
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MariaDB [(none)]> create DATABASE mini;
Query OK, 1 row affected (0.00 sec)
MariaDB [(none)]> USE mini;
Database changed
MariaDB [mini]> CREATE TABLE mini_table(column1 NAME,volumn2 ROLLNO);
i-06e260482a3a8d4ba (RDS)
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MariaDB [mini]> CREATE TABLE mini_table(NAME VARCHAR(50),ROLL INT);
Query OK, 0 rows affected (0.01 sec)
MariaDB [mini]> INSERT INTO mini_table(name,rollno)VALUES('Sunil',123);
ERROR 1054 (42S22): Unknown column 'rollno' in 'field list'
MariaDB [mini]> INSERT INTO mini_table(name,roll)VALUES('Sunil',123);
Query OK, 1 row affected (0.01 sec)
MariaDB [mini]> INSERT INTO mini_table(name,roll)VALUES('ramu',145);
Query OK, 1 row affected (0.01 sec)
MariaDB [mini]> INSERT INTO mini_table(name,roll)VALUES('bala',185);
Query OK, 1 row affected (0.00 sec)
MariaDB [mini]> select * from mini_table;
+-------+------+
| NAME | ROLL |
+-------+------+
Sunil	123
ramu	145
bala	185
+-------+------+
3 rows in set (0.00 sec)
MariaDB [mini]>
i-06e260482a3a8d4ba (RDS)
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