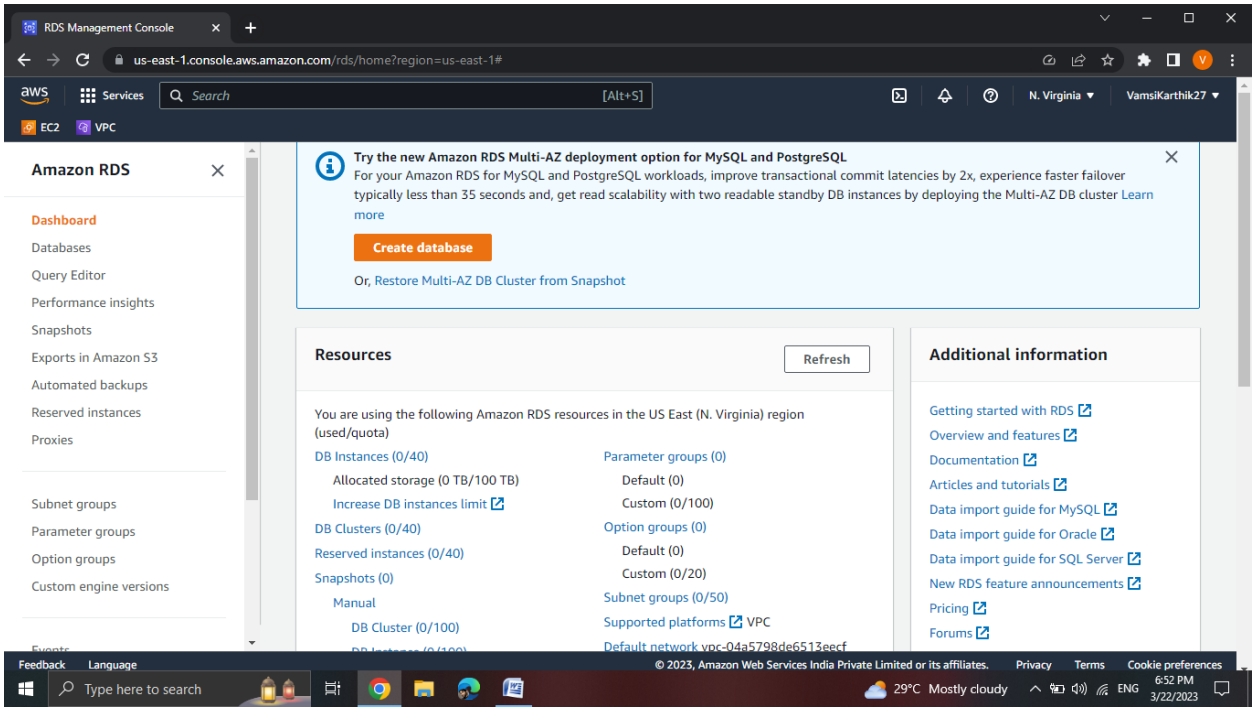
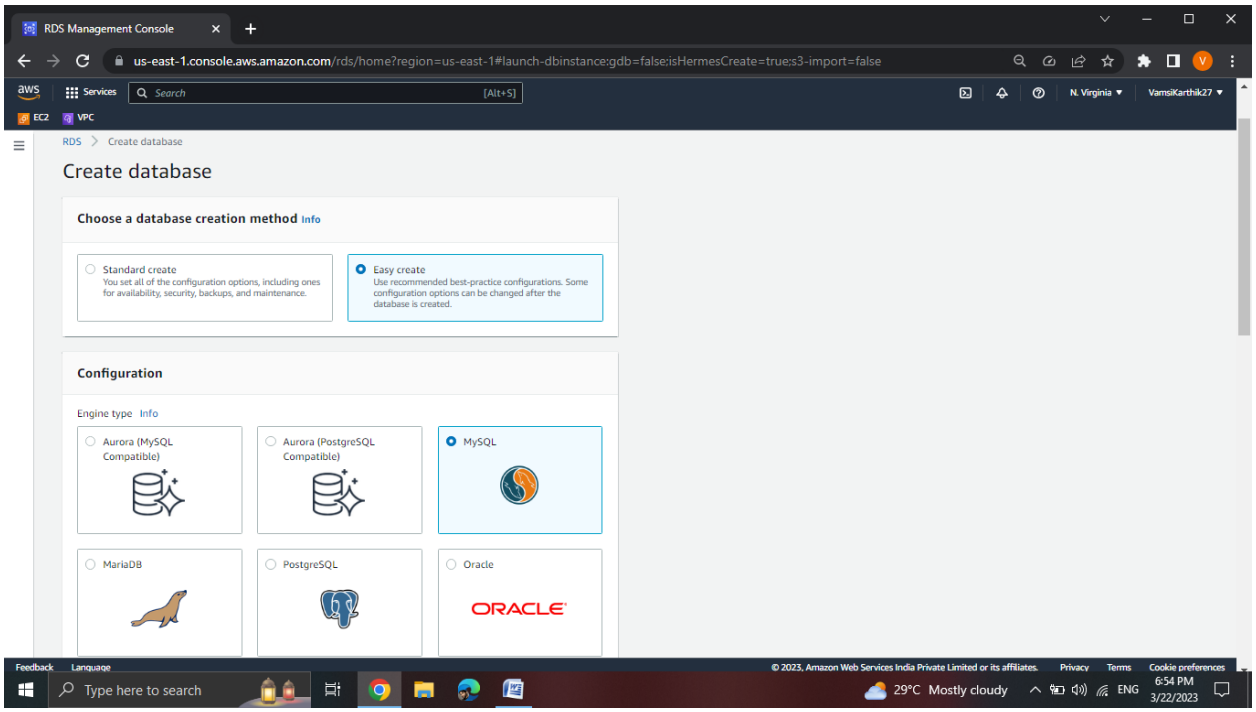
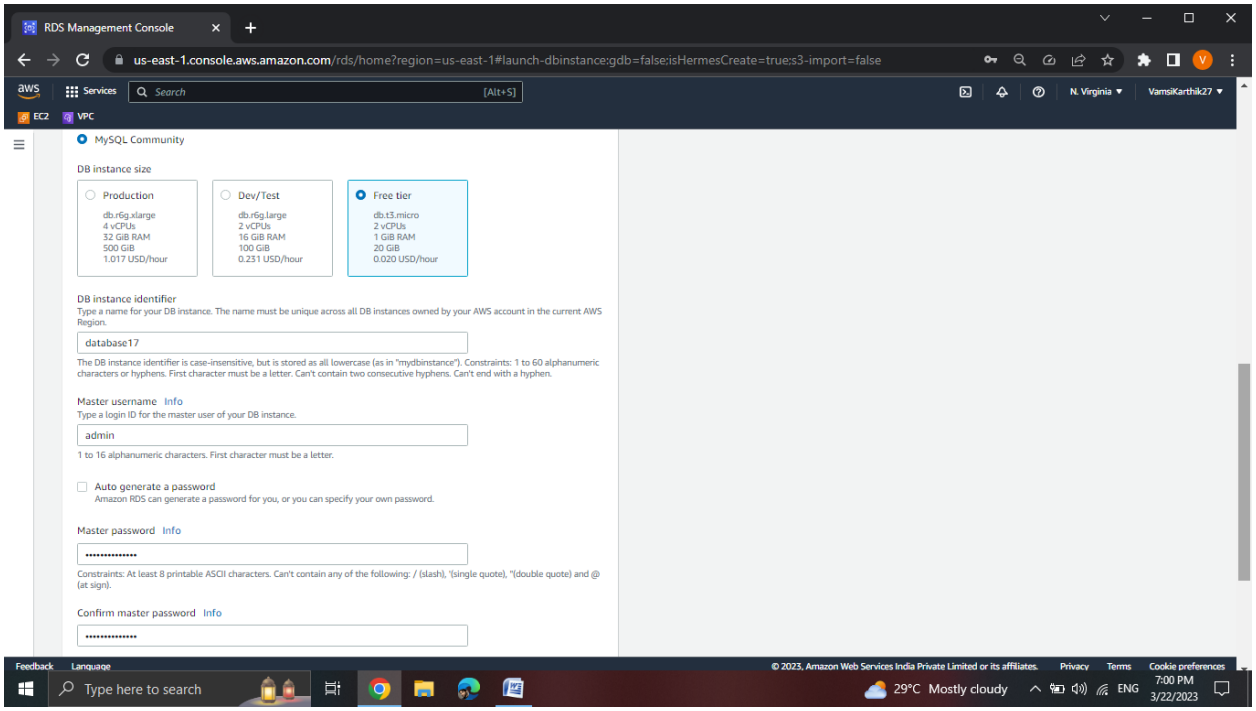
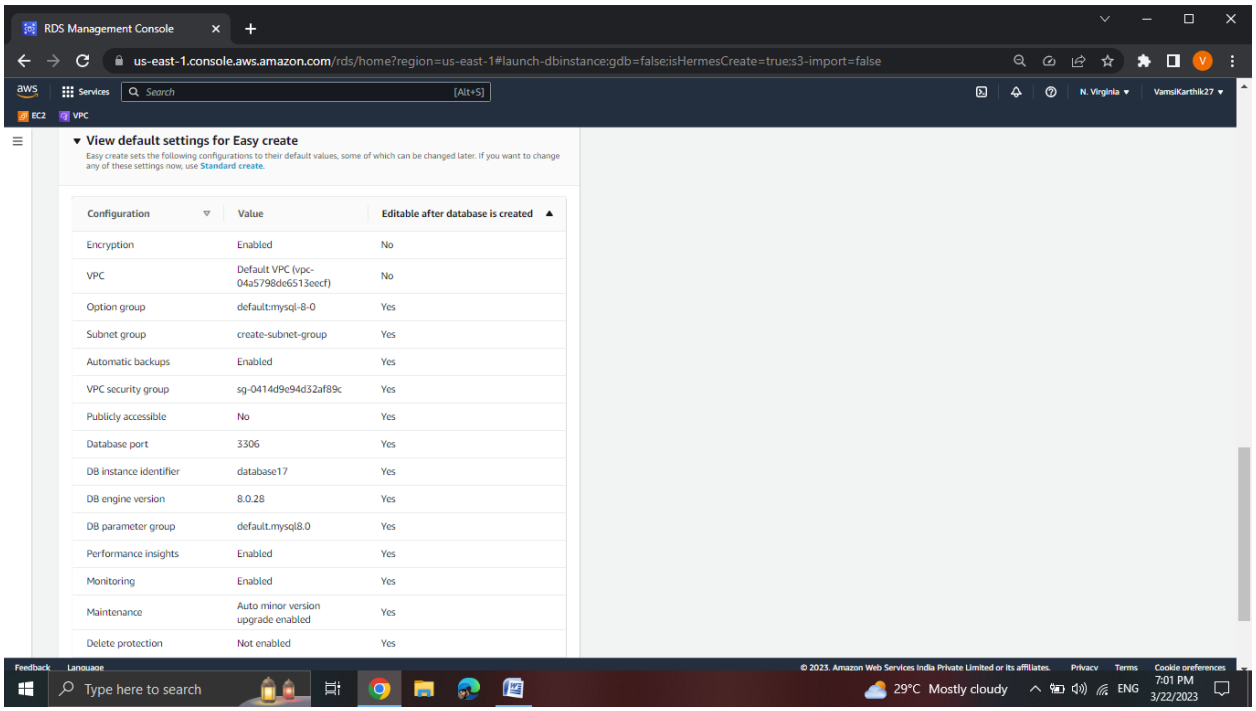
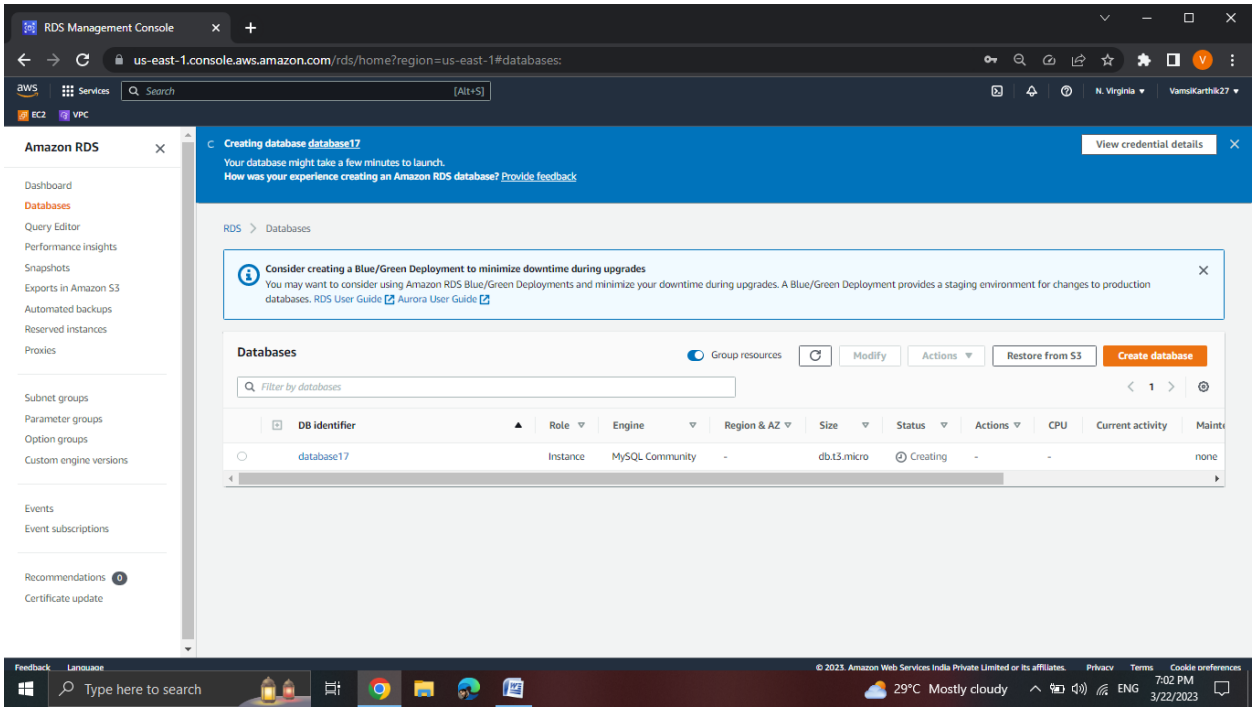
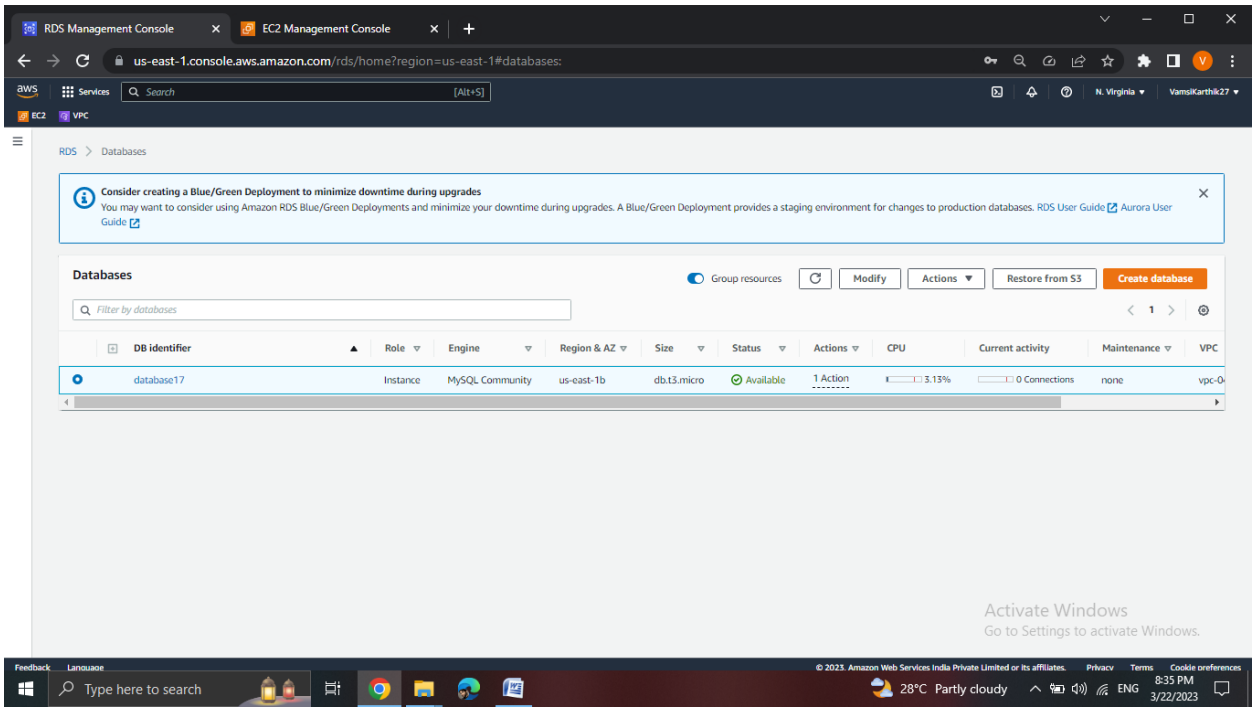

RDS Management Console
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Amazon RDS
Dashboard
Databases
Query Editor
Performance insights
Snapshots
Exports in Amazon S3
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Custom engine versions
Try the new Amazon RDS Multi-AZ deployment option for MySQL and PostgreSQL
For your Amazon RDS for MySQL and PostgreSQL workloads, improve transactional commit latencies by 2x, experience faster failover typically less than 35 seconds and, get read scalability with two readable standby DB instances by deploying the Multi-AZ DB cluster Learn more
Create database
Or, Restore Multi-AZ DB Cluster from Snapshot
Resources
Refresh
You are using the following Amazon RDS resources in the US East (N. Virginia) region (used/quota)
DB Instances (0/40)
Allocated storage (0 TB/100 TB)
Increase DB instances limit
DB Clusters (0/40)
Reserved instances (0/40)
Snapshots (0)
Manual
DB Cluster (0/100)
Parameter groups (0)
Default (0)
Custom (0/100)
Option groups (0)
Default (0)
Custom (0/20)
Subnet groups (0/50)
Supported platforms VPC
Additional information
Getting started with RDS
Overview and features
Documentation
Articles and tutorials
Data import guide for MySQL
Data import guide for Oracle
Data import guide for SQL Server
New RDS feature announcements
Pricing
Forums
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
29°C Mostly cloudy
ENG
6:52 PM
3/22/2023

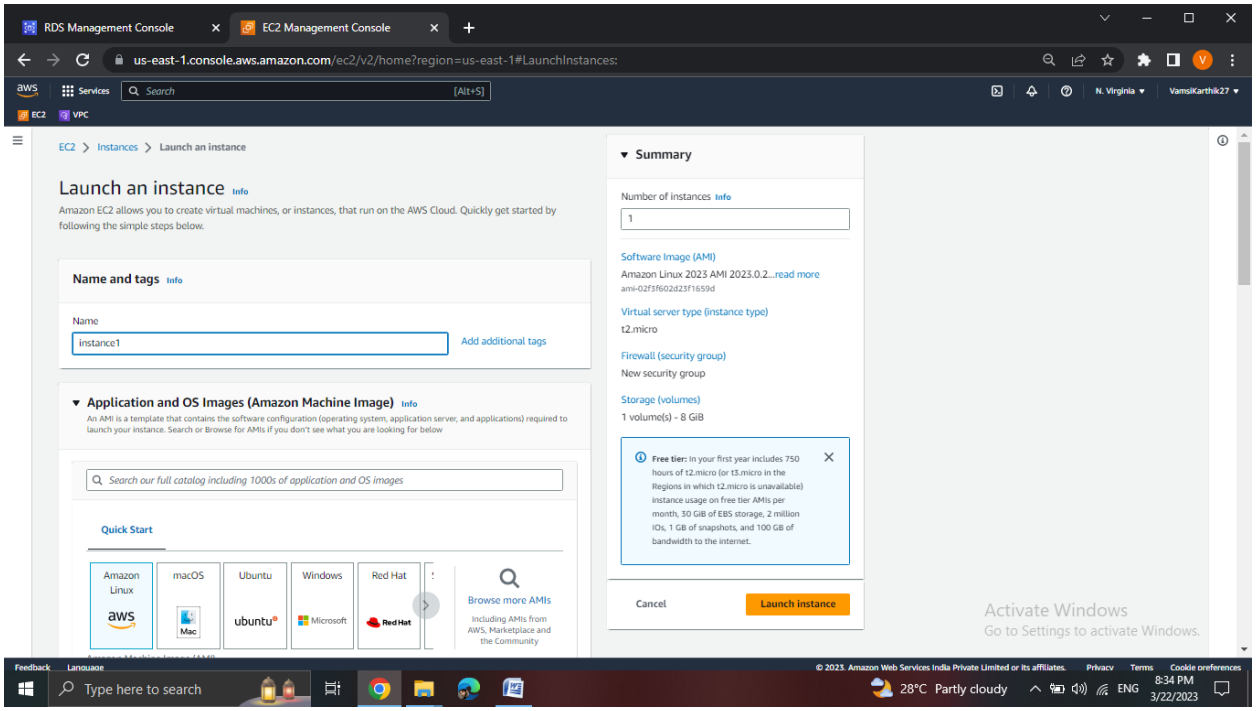

RDS Management Console
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#launch-dbinstance:gdb=false;isHermesCreate=true;s3-import=false
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
RDS
Create database
Create database
Choose a database creation method Info
Standard create
You set all of the configuration options, including ones for availability, security, backups, and maintenance.
Easy create
Use recommended best-practice configurations. Some configuration options can be changed after the database is created.
Configuration
Engine type Info
Aurora (MySQL Compatible)
Aurora (PostgreSQL Compatible)
MySQL
MariaDB
PostgreSQL
Oracle
ORACLE
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
29°C Mostly cloudy
ENG
6:54 PM
3/22/2023

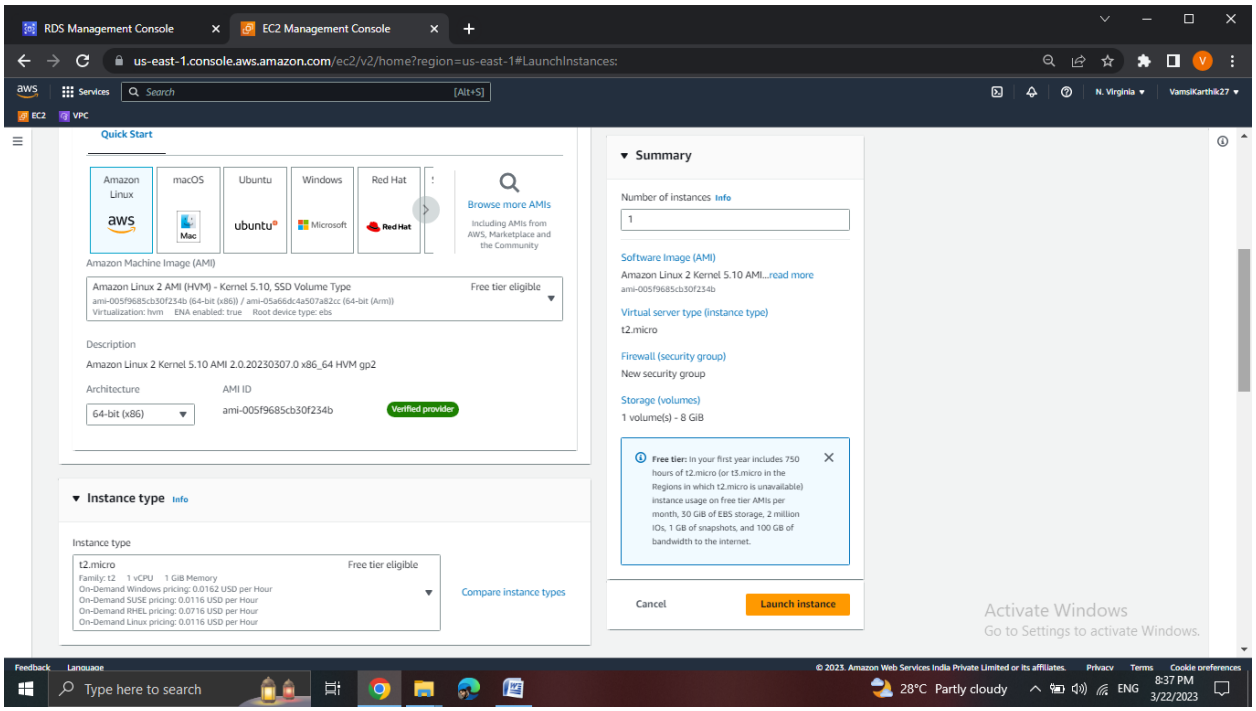

RDS Management Console
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#launch-dbinstance:gdb=false;isHermesCreate=true;s3-import=false
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
MySQL Community
DB instance size
Production
db.r6g.xlarge
4 vCPUs
32 GiB RAM
500 GiB
1.017 USD/hour
Dev/Test
db.r6g.large
2 vCPUs
16 GiB RAM
100 GiB
0.231 USD/hour
Free tier
db.t3.micro
2 vCPUs
1 GiB RAM
20 GiB
0.020 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.
database17
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
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
29°C Mostly cloudy
ENG
7:00 PM
3/22/2023

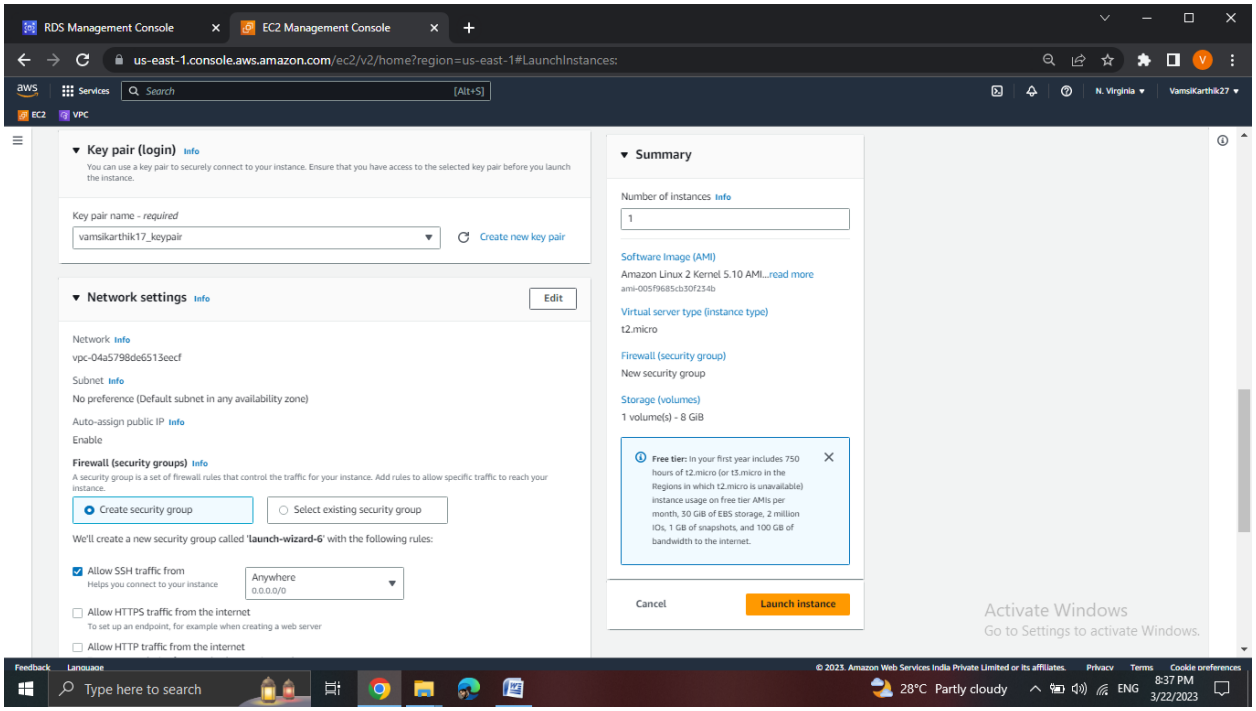

RDS Management Console
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#launch-dbinstance:gdb=false;isHermesCreate=true;s3-import=false
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
View default settings for Easy create
Easy create sets the following configurations to their default 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
VPC
Default VPC (vpc-04a5798de6513eecf)
No
Option group
default:mysql-8-0
Yes
Subnet group
create-subnet-group
Yes
Automatic backups
Enabled
Yes
VPC security group
sg-0414d9e94d32af89c
Yes
Publicly accessible
No
Yes
Database port
3306
Yes
DB instance identifier
database17
Yes
DB engine version
8.0.28
Yes
DB parameter group
default.mysql8.0
Yes
Performance insights
Enabled
Yes
Monitoring
Enabled
Yes
Maintenance
Auto minor version upgrade enabled
Yes
Delete protection
Not enabled
Yes
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
29°C Mostly cloudy
ENG
7:01 PM
3/22/2023

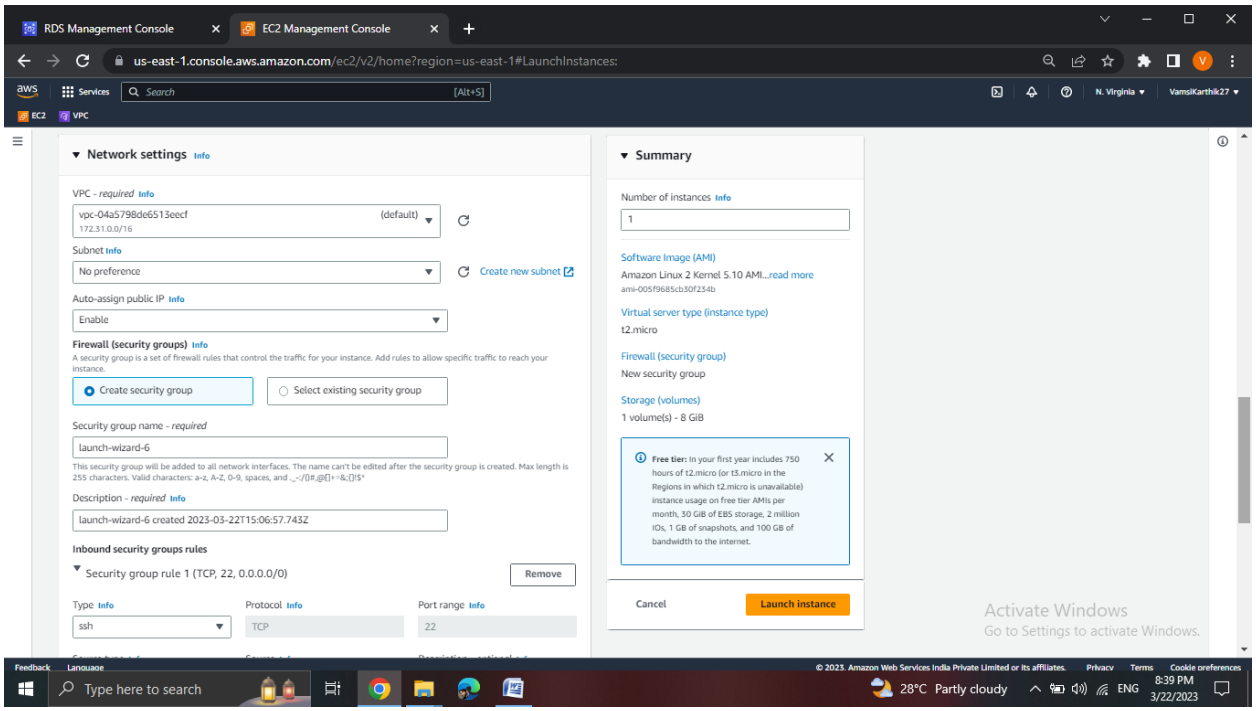

RDS Management Console
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#databases:
Amazon RDS
Creating database database17
Your database might take a few minutes to launch.
How was your experience creating an Amazon RDS database? Provide feedback
View credential details
RDS > Databases
Consider 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
database17
Instance
MySQL Community
db.t3.micro
Creating
none
Dashboard
Databases
Query Editor
Performance insights
Snapshots
Exports in Amazon S3
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Custom engine versions
Events
Event subscriptions
Recommendations
Certificate update
Type here to search
29°C Mostly cloudy
ENG
7:02 PM
3/22/2023

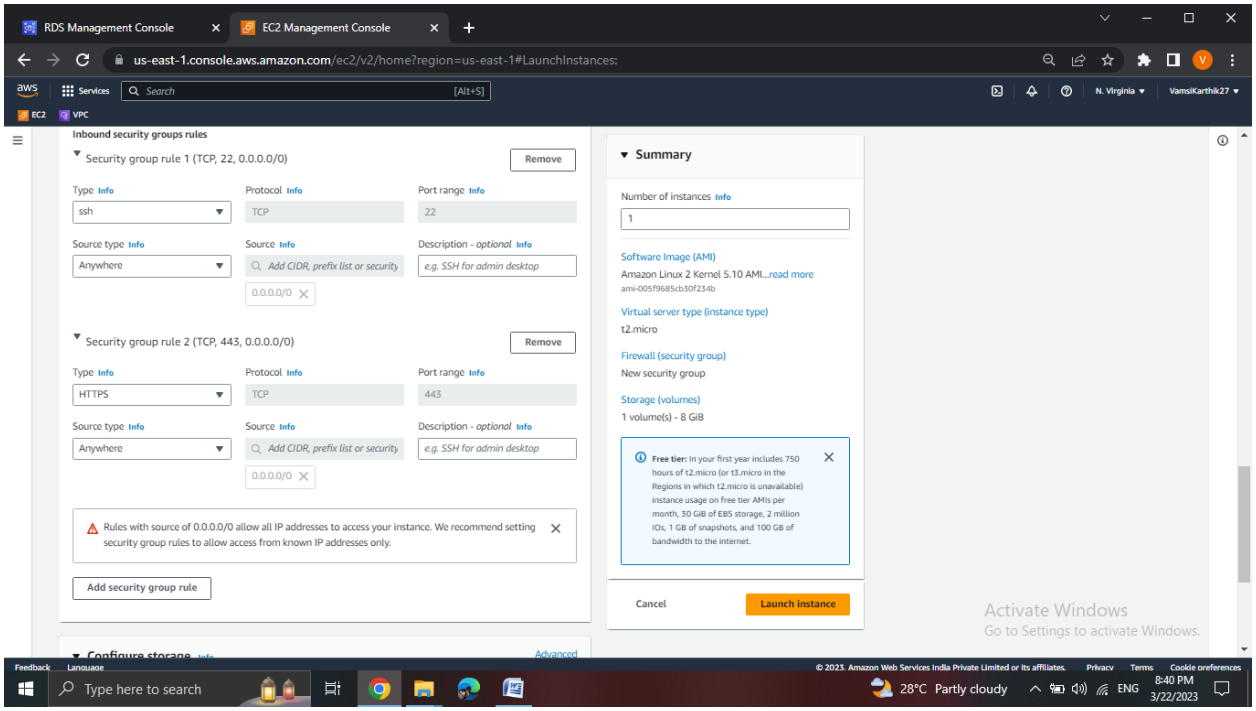

RDS Management Console
EC2 Management Console
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#databases:
RDS > Databases
Consider creating a Blue/Green Deployment to minimize downtime during upgrades
You may want to consider using Amazon RDS Blue/Green Deployments and minimize your downtime 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
database17
Instance
MySQL Community
us-east-1b
db.t3.micro
Available
1 Action
3.13%
0 Connections
none
Activate Windows
Go to Settings to activate Windows.
Type here to search
28°C Partly cloudy
ENG
8:35 PM
3/22/2023

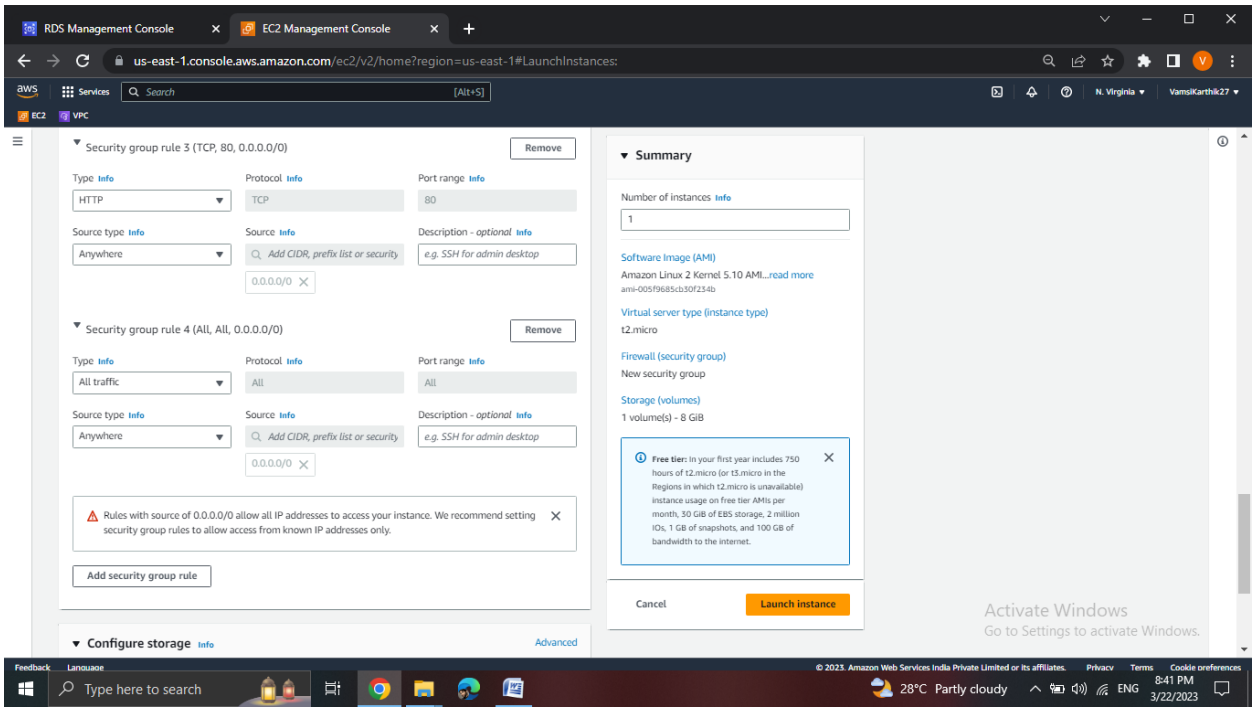

RDS Management Console
EC2 Management Console
us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
instance1
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Search our full catalog including 1000s of application and OS images
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2023 AMI 2023.0.2...read more
ami-02f3f602d23f1659d
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
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
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:34 PM
3/22/2023

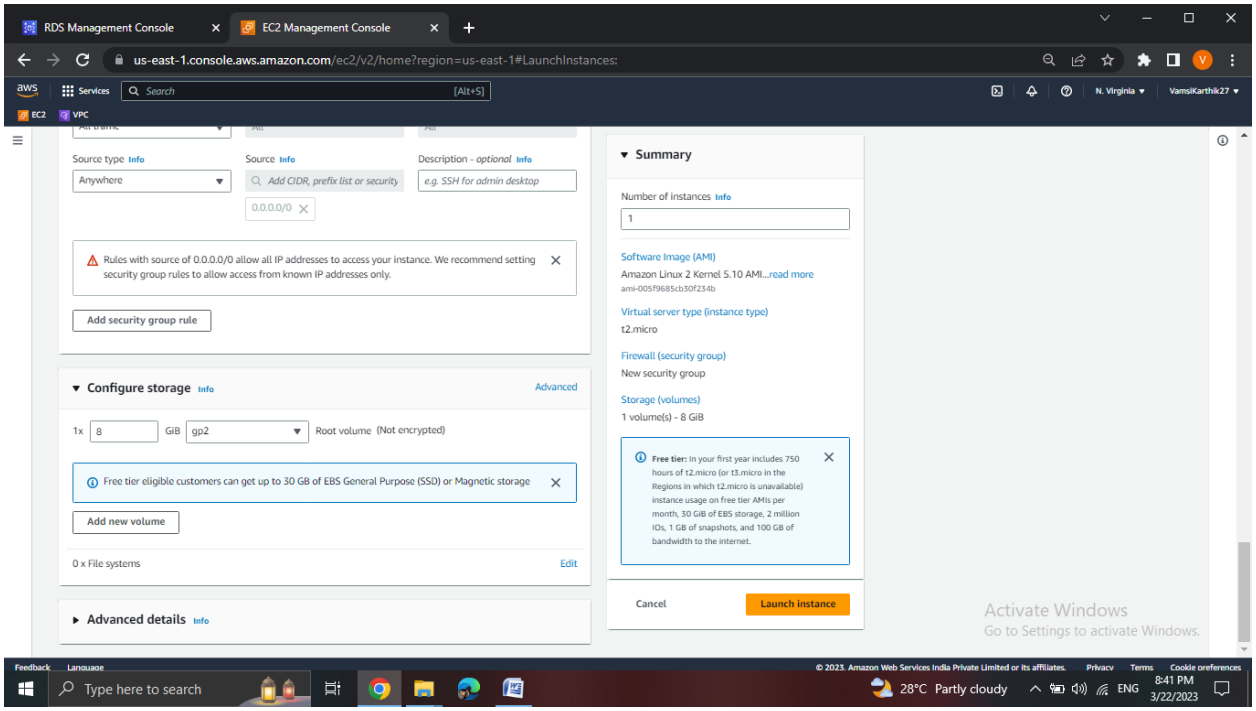

RDS Management Console
EC2 Management Console
us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Amazon Machine Image (AMI)
Amazon Linux 2 AMI (HVM) - Kernel 5.10, SSD Volume Type
Free tier eligible
ami-005f9685cb30f234b (64-bit (x86)) / ami-05a66dc4a507a82cc (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs
Description
Amazon Linux 2 Kernel 5.10 AMI 2.0.20230307.0 x86_64 HVM gp2
Architecture
AMI ID
64-bit (x86)
ami-005f9685cb30f234b
Verified provider
Instance type Info
Instance type
t2.micro
Free tier eligible
Family: t2 1 vCPU 1 GiB Memory
On-Demand Windows pricing: 0.0162 USD per Hour
On-Demand SUSE pricing: 0.0116 USD per Hour
On-Demand RHEL pricing: 0.0716 USD per Hour
On-Demand Linux pricing: 0.0116 USD per Hour
Compare instance types
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
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
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:37 PM
3/22/2023

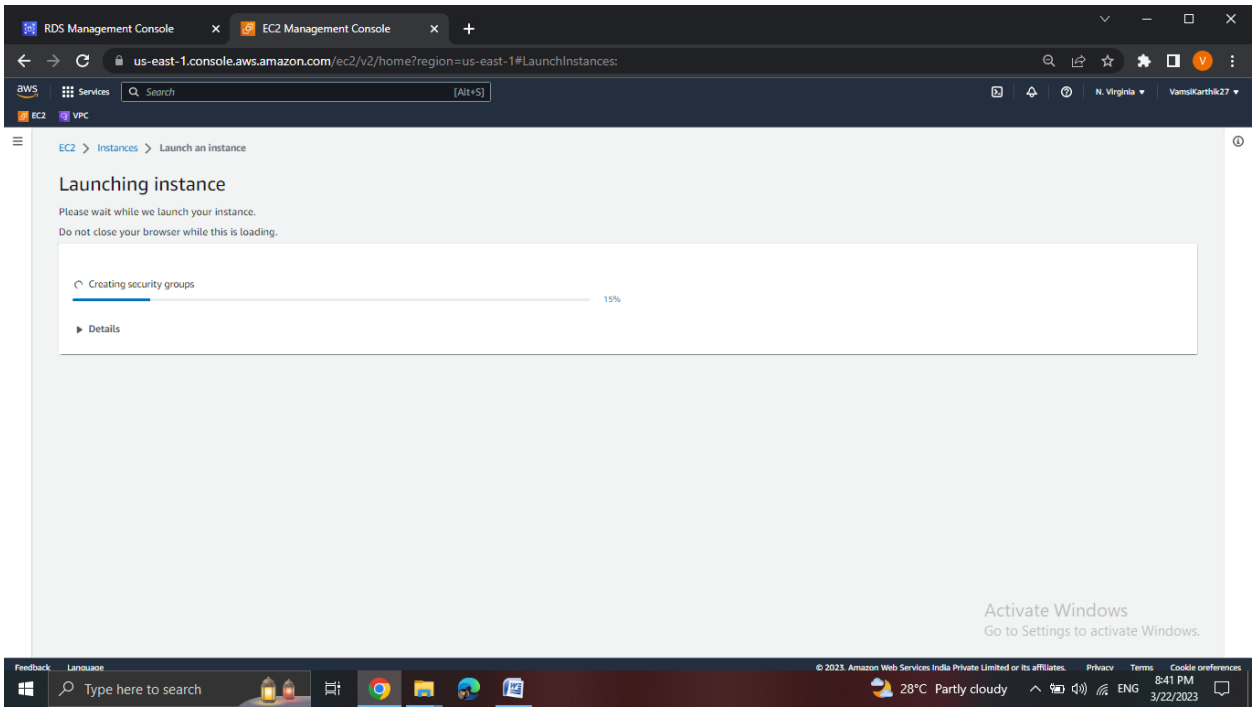

RDS Management Console
EC2 Management Console
us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
vamsikarthik17_keypair
Create new key pair
Network settings Info
Edit
Network Info
vpc-04a5798de6513eecf
Subnet Info
No preference (Default subnet in any availability zone)
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
We'll create a new security group called 'launch-wizard-6' with the following rules:
Allow SSH traffic from
Helps you connect to your instance
Anywhere
0.0.0.0/0
Allow HTTPS traffic from the internet
To set up an endpoint, for example when creating a web server
Allow HTTP traffic from the internet
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
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
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:37 PM
3/22/2023

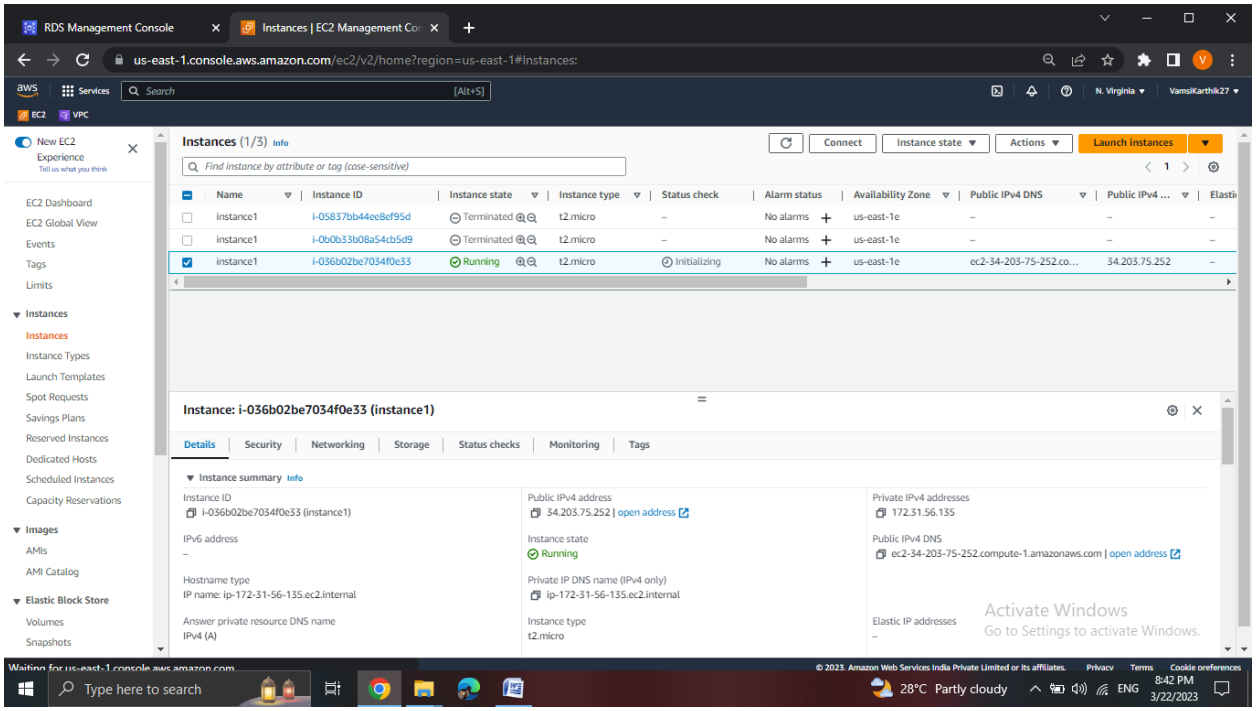

RDS Management Console
EC2 Management Console
us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Network settings Info
VPC - required Info
vpc-04a5798de6513eecf (default)
172.31.0.0/16
Subnet Info
No preference
Create 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
Security group name - required
launch-wizard-6
This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and ._-:/()#,@[]+=&;{}!$*
Description - required Info
launch-wizard-6 created 2023-03-22T15:06:57.743Z
Inbound security groups rules
Security group rule 1 (TCP, 22, 0.0.0.0/0)
Remove
Type Info
ssh
Protocol Info
TCP
Port range Info
22
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
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
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:39 PM
3/22/2023

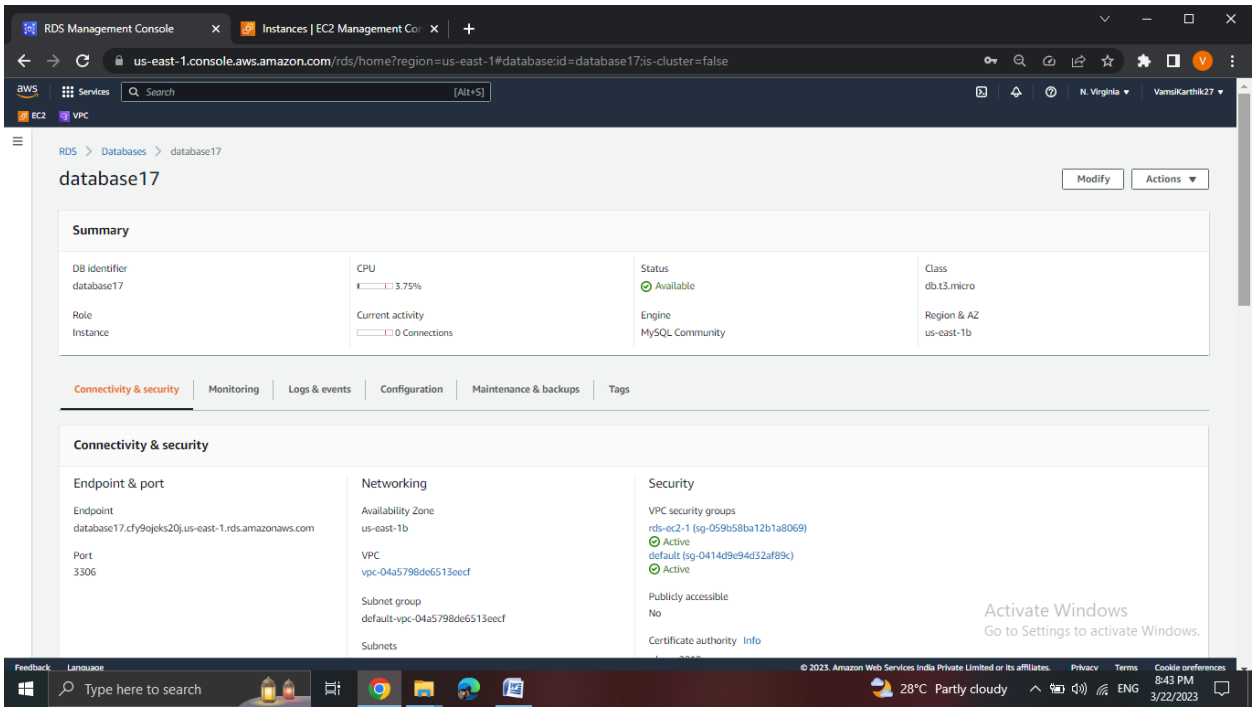

RDS Management Console
EC2 Management Console
us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Inbound security groups rules
Security group rule 1 (TCP, 22, 0.0.0.0/0)
Remove
Type Info
ssh
Protocol Info
TCP
Port range Info
22
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or security
0.0.0.0/0
Description - optional Info
e.g. SSH for admin desktop
Security group rule 2 (TCP, 443, 0.0.0.0/0)
Remove
Type Info
HTTPS
Protocol Info
TCP
Port range Info
443
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or security
0.0.0.0/0
Description - optional Info
e.g. SSH for admin desktop
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Add security group rule
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
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
Configure storage Info
Advanced
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:40 PM
3/22/2023

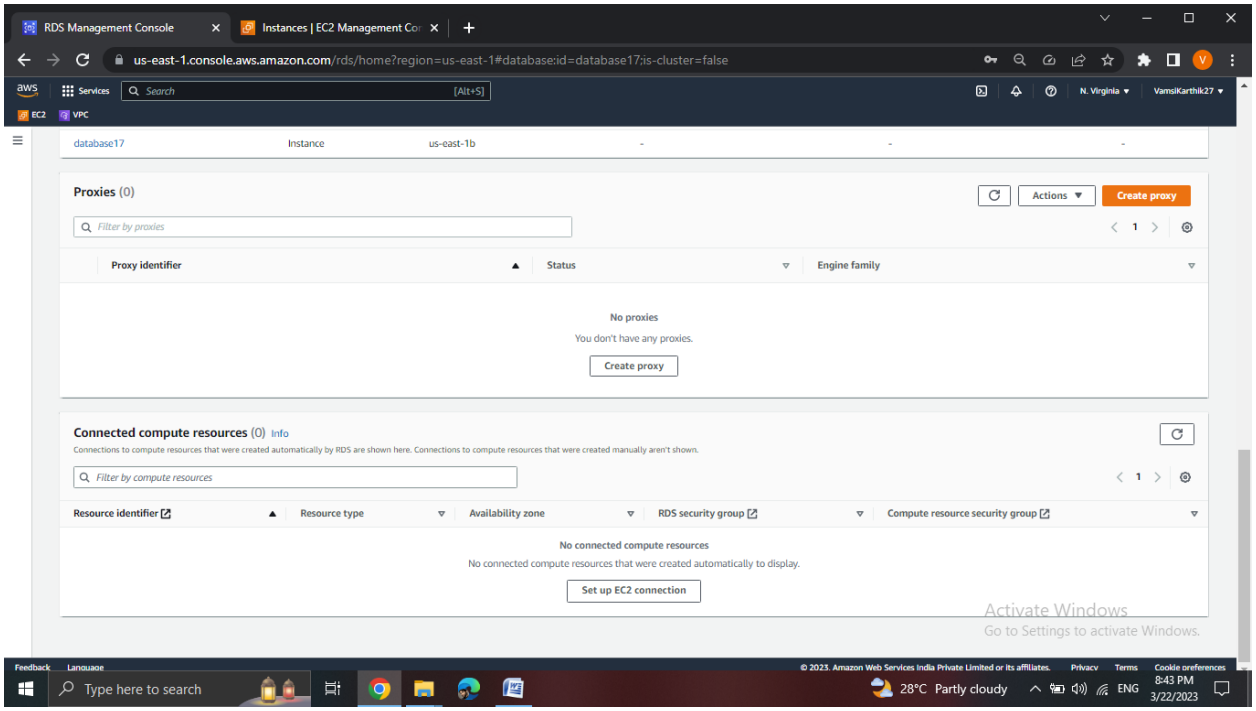

RDS Management Console
EC2 Management Console
us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Security group rule 3 (TCP, 80, 0.0.0.0/0)
Remove
Type Info
HTTP
Protocol Info
TCP
Port range Info
80
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or security
0.0.0.0/0
Description - optional Info
e.g. SSH for admin desktop
Security group rule 4 (All, All, 0.0.0.0/0)
Remove
Type Info
All traffic
Protocol Info
All
Port range Info
All
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or security
0.0.0.0/0
Description - optional Info
e.g. SSH for admin desktop
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Add security group rule
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
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
Configure storage Info
Advanced
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:41 PM
3/22/2023

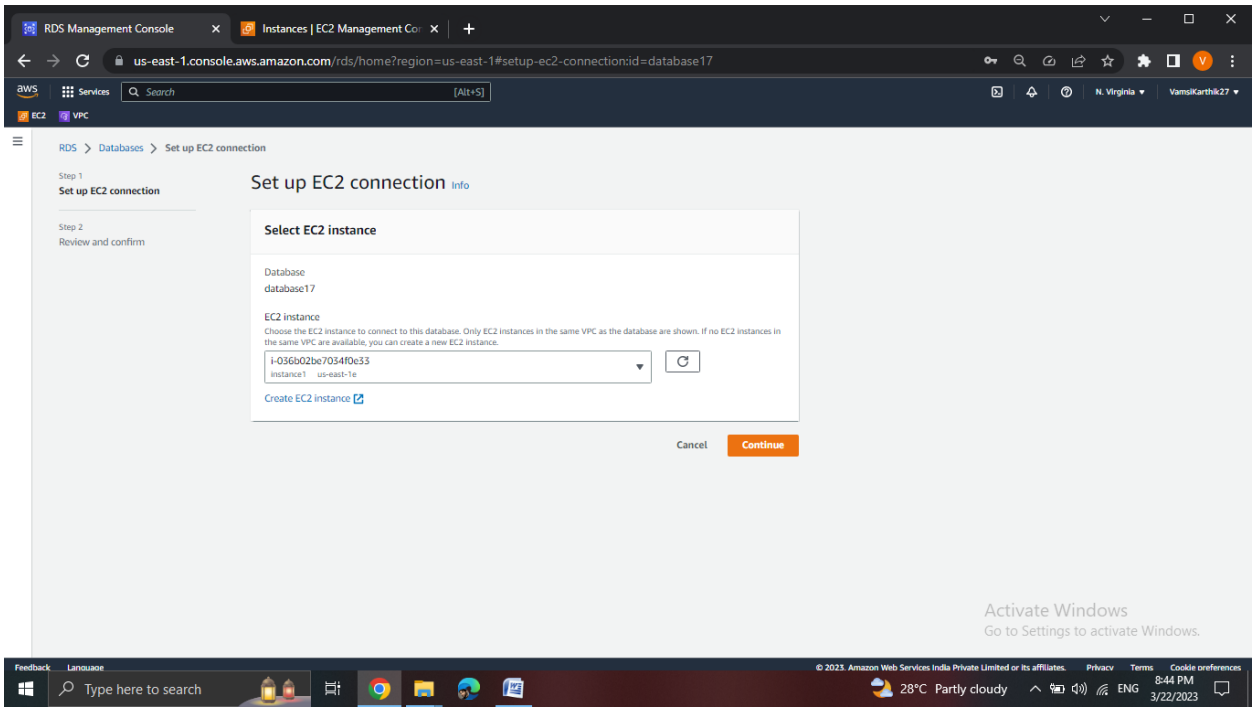

RDS Management Console
EC2 Management Console
us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Source type Info
Anywhere
Source Info
Add CIDR, prefix list or security
0.0.0.0/0
Description - optional Info
e.g. SSH for admin desktop
Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Add security group rule
Configure storage Info
Advanced
1x
8
GiB
gp2
Root volume (Not encrypted)
Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage
Add new volume
0 x File systems
Edit
Advanced details Info
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-005f9685cb30f234b
Virtual server type (instance type)
t2.micro
Firewall (security group)
New security group
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
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:41 PM
3/22/2023

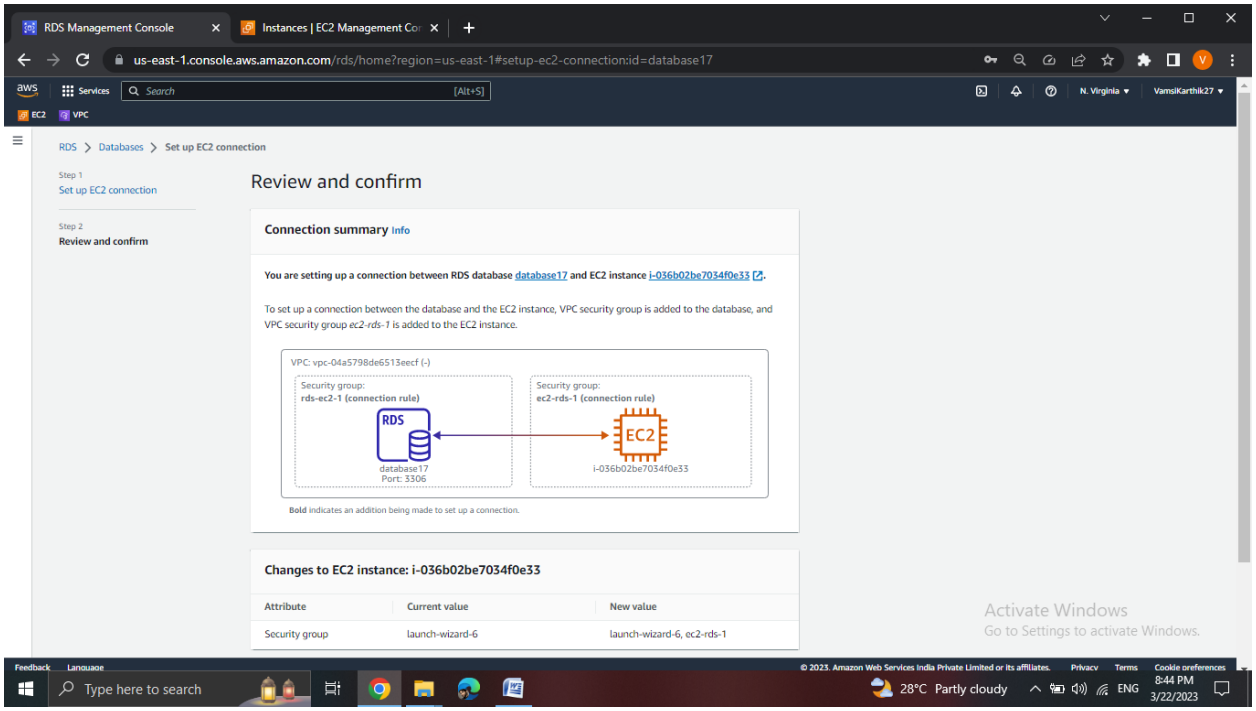

RDS Management Console
EC2 Management Console
us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#LaunchInstances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
EC2 > Instances > Launch an instance
Launching instance
Please wait while we launch your instance.
Do not close your browser while this is loading.
Creating security groups
15%
Details
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:41 PM
3/22/2023

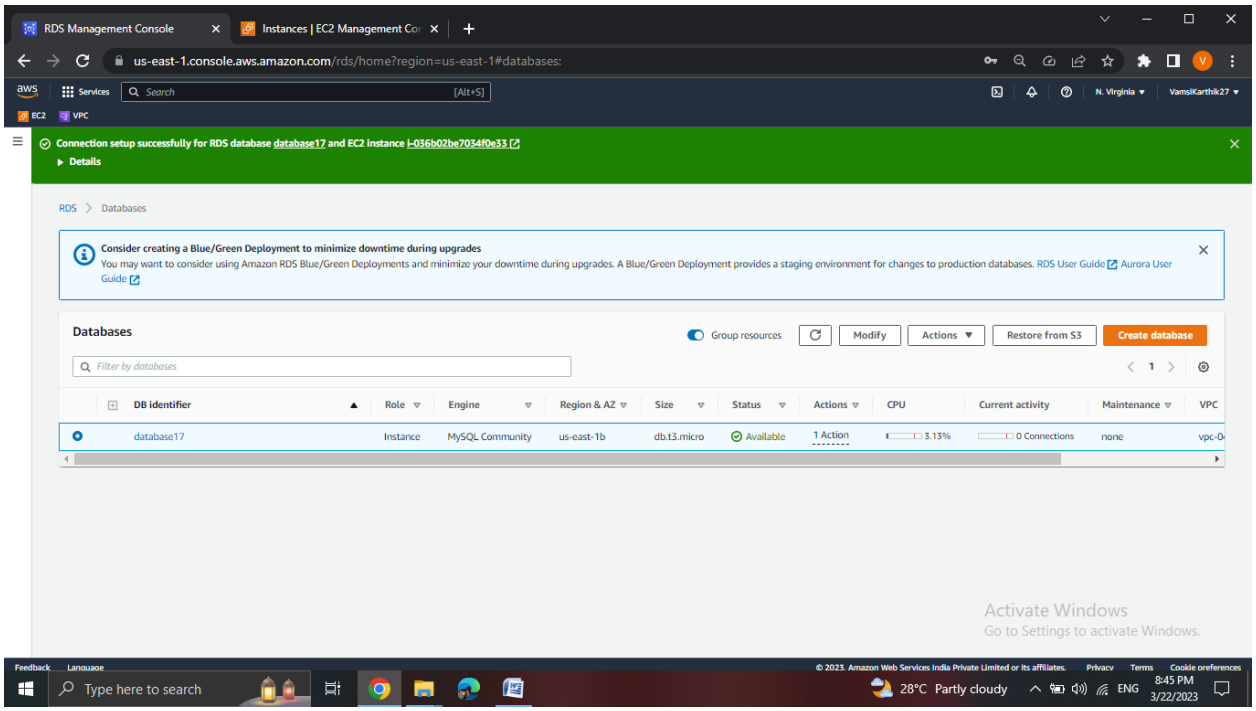

RDS Management Console
Instances | EC2 Management Cor
us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#Instances:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Instances (1/3) Info
Find instance by attribute or tag (case-sensitive)
Connect
Instance state
Actions
Launch instances
Name
Instance ID
Instance state
Instance type
Status check
Alarm status
Availability Zone
Public IPv4 DNS
Public IPv4 ...
instance1
i-05837bb44ee8ef95d
Terminated
t2.micro
–
No alarms
us-east-1e
instance1
i-0b0b33b08a54cb5d9
Terminated
t2.micro
–
No alarms
us-east-1e
instance1
i-036b02be7034f0e33
Running
t2.micro
Initializing
No alarms
us-east-1e
ec2-34-203-75-252.co...
34.203.75.252
Instance: i-036b02be7034f0e33 (instance1)
Details
Security
Networking
Storage
Status checks
Monitoring
Tags
Instance summary Info
Instance ID
i-036b02be7034f0e33 (instance1)
IPv6 address
–
Hostname type
IP name: ip-172-31-56-135.ec2.internal
Answer private resource DNS name
IPv4 (A)
Public IPv4 address
34.203.75.252 | open address
Instance state
Running
Private IP DNS name (IPv4 only)
ip-172-31-56-135.ec2.internal
Instance type
t2.micro
Private IPv4 addresses
172.31.56.135
Public IPv4 DNS
ec2-34-203-75-252.compute-1.amazonaws.com | open address
Elastic IP addresses
–
Activate Windows
Go to Settings to activate Windows.
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:42 PM
3/22/2023

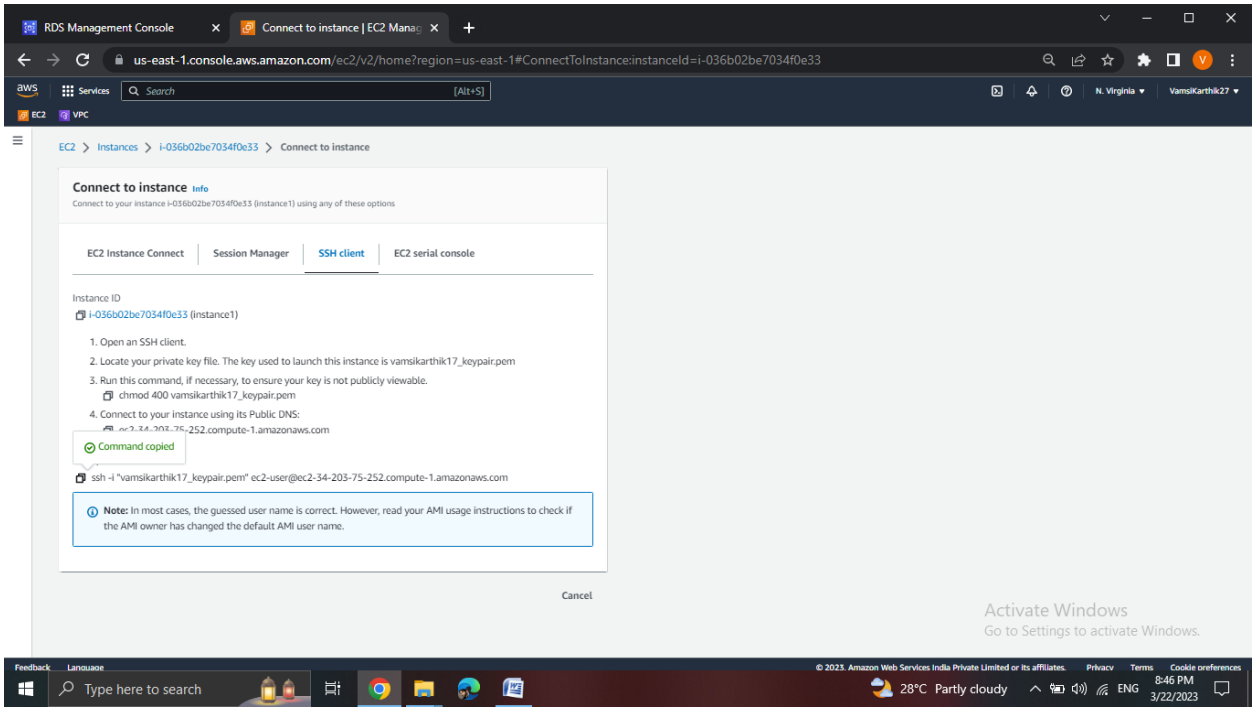

RDS Management Console
Instances | EC2 Management Cor
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#database:id=database17;is-cluster=false
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
RDS > Databases > database17
database17
Modify
Actions
Summary
DB identifier
database17
CPU
3.75%
Status
Available
Class
db.t3.micro
Role
Instance
Current activity
0 Connections
Engine
MySQL Community
Region & AZ
us-east-1b
Connectivity & security
Monitoring
Logs & events
Configuration
Maintenance & backups
Tags
Connectivity & security
Endpoint & port
Endpoint
database17.cfy9ojeks20j.us-east-1.rds.amazonaws.com
Port
3306
Networking
Availability Zone
us-east-1b
VPC
vpc-04a5798de6513eecf
Subnet group
default-vpc-04a5798de6513eecf
Subnets
Security
VPC security groups
rds-ec2-1 (sg-059b58ba12b1a8069)
Active
default (sg-0414d9e94d32af89c)
Active
Publicly accessible
No
Certificate authority Info
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:43 PM
3/22/2023

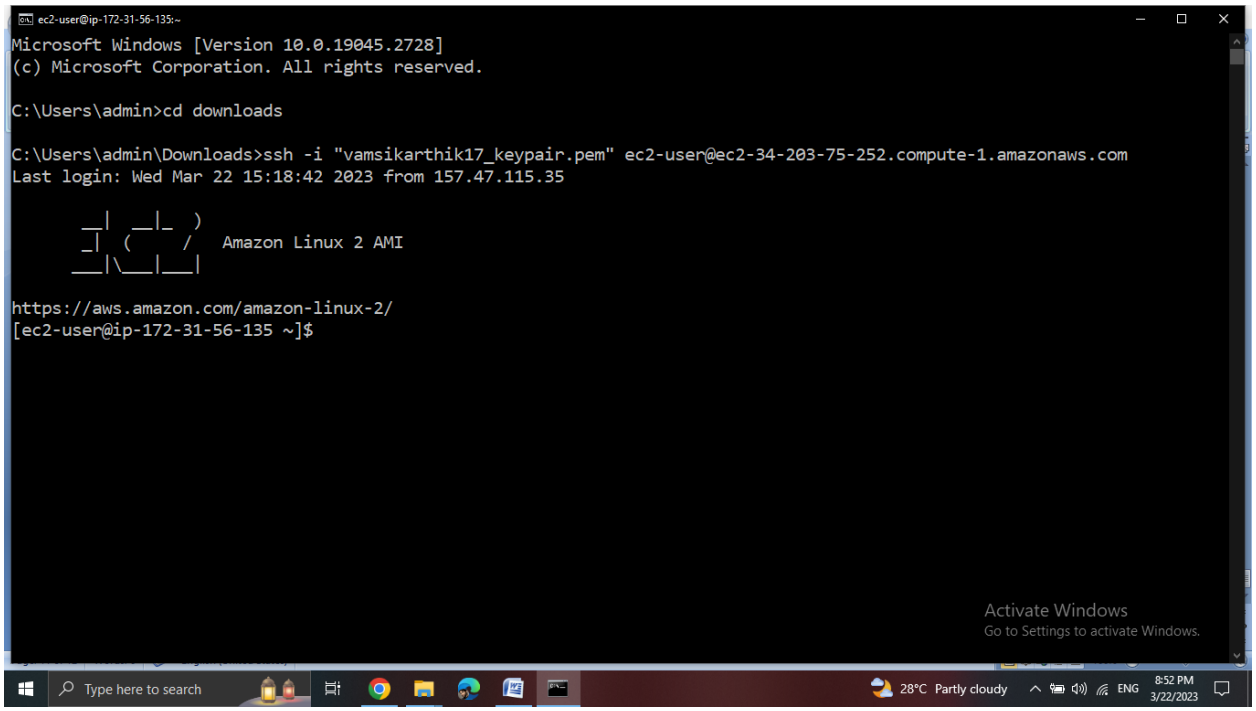

RDS Management Console
Instances | EC2 Management Cor
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#database:id=database17;is-cluster=false
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
database17
Instance
us-east-1b
Proxies (0)
Actions
Create proxy
Filter by proxies
Proxy identifier
Status
Engine family
No proxies
You don't have any proxies.
Create proxy
Connected compute resources (0) Info
Connections to compute resources that were created automatically by RDS are shown here. Connections to compute resources that were created manually aren't shown.
Filter by compute resources
Resource identifier
Resource type
Availability zone
RDS security group
Compute resource security group
No connected compute resources
No connected compute resources that were created automatically to display.
Set up EC2 connection
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:43 PM
3/22/2023

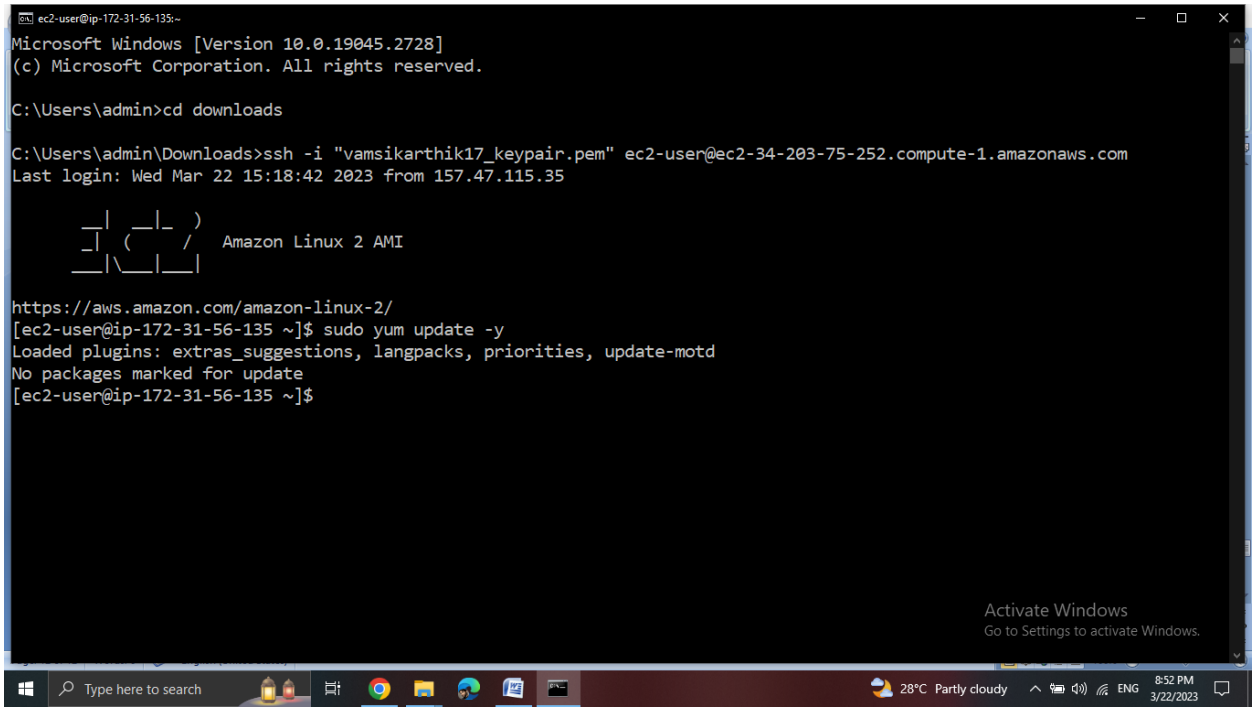

RDS Management Console
Instances | EC2 Management Cor
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#setup-ec2-connection:id=database17
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
RDS > Databases > Set up EC2 connection
Step 1
Set up EC2 connection
Step 2
Review and confirm
Set up EC2 connection Info
Select EC2 instance
Database
database17
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-036b02be7034f0e33
instance1 us-east-1e
Create EC2 instance
Cancel
Continue
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:44 PM
3/22/2023

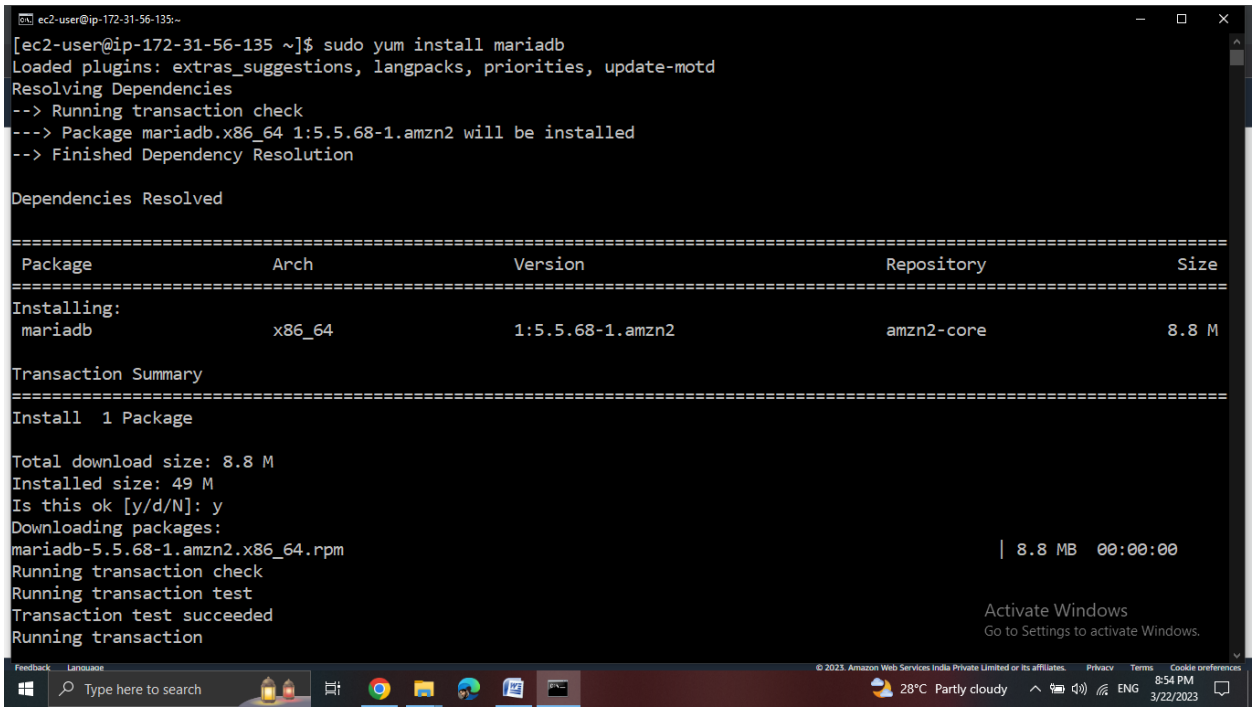

RDS Management Console
Instances | EC2 Management Cor
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#setup-ec2-connection:id=database17
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
RDS > Databases > Set up EC2 connection
Step 1
Set up EC2 connection
Step 2
Review and confirm
Review and confirm
Connection summary Info
You are setting up a connection between RDS database database17 and EC2 instance i-036b02be7034f0e33.
To set up a connection between the database and the EC2 instance, VPC security group is added to the database, and VPC security group ec2-rds-1 is added to the EC2 instance.
VPC: vpc-04a5798de6513eecf (-)
Security group:
rds-ec2-1 (connection rule)
RDS
database17
Port: 3306
Security group:
ec2-rds-1 (connection rule)
EC2
i-036b02be7034f0e33
Bold indicates an addition being made to set up a connection.
Changes to EC2 instance: i-036b02be7034f0e33
Attribute
Current value
New value
Security group
launch-wizard-6
launch-wizard-6, ec2-rds-1
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:44 PM
3/22/2023

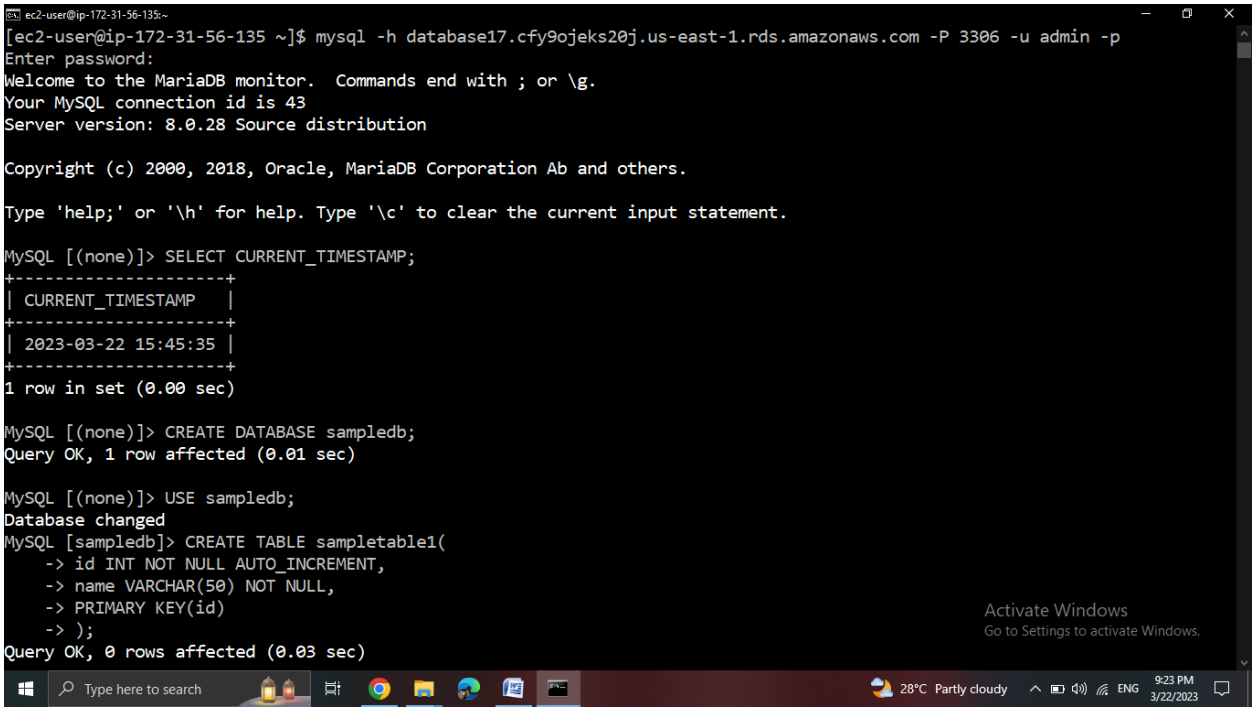

RDS Management Console
Instances | EC2 Management Cor
us-east-1.console.aws.amazon.com/rds/home?region=us-east-1#databases:
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
Connection setup successfully for RDS database database17 and EC2 instance i-036b02be7034f0e33
Details
RDS > Databases
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
database17
Instance
MySQL Community
us-east-1b
db.t3.micro
Available
1 Action
3.13%
0 Connections
none
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:45 PM
3/22/2023

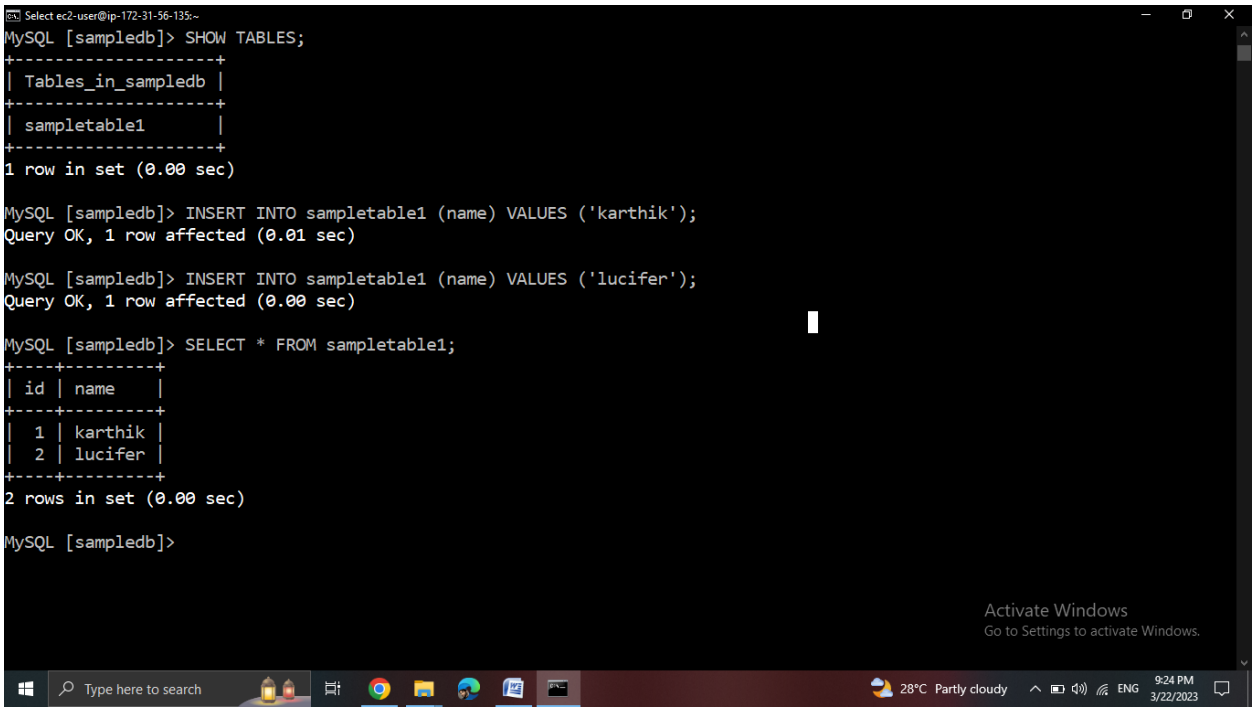

RDS Management Console
Connect to instance | EC2 Manag
us-east-1.console.aws.amazon.com/ec2/v2/home?region=us-east-1#ConnectToInstance:instanceId=i-036b02be7034f0e33
Services
Search
[Alt+S]
N. Virginia
VamsiKarthik27
EC2
VPC
EC2 > Instances > i-036b02be7034f0e33 > Connect to instance
Connect to instance Info
Connect to your instance i-036b02be7034f0e33 (instance1) using any of these options
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Instance ID
i-036b02be7034f0e33 (instance1)
1. Open an SSH client.
2. Locate your private key file. The key used to launch this instance is vamsikarthik17_keypair.pem
3. Run this command, if necessary, to ensure your key is not publicly viewable.
chmod 400 vamsikarthik17_keypair.pem
4. Connect to your instance using its Public DNS:
Command copied
ssh -i "vamsikarthik17_keypair.pem" ec2-user@ec2-34-203-75-252.compute-1.amazonaws.com
Note: In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.
Cancel
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:46 PM
3/22/2023


ec2-user@ip-172-31-56-135:~
Microsoft Windows [Version 10.0.19045.2728]
(c) Microsoft Corporation. All rights reserved.
C:\Users\admin>cd downloads
C:\Users\admin\Downloads>ssh -i "vamsikarthik17_keypair.pem" ec2-user@ec2-34-203-75-252.compute-1.amazonaws.com
Last login: Wed Mar 22 15:18:42 2023 from 157.47.115.35
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-56-135 ~]$
Activate Windows
Go to Settings to activate Windows.
Type here to search
28°C Partly cloudy
ENG
8:52 PM
3/22/2023


ec2-user@ip-172-31-56-135:~
Microsoft Windows [Version 10.0.19045.2728]
(c) Microsoft Corporation. All rights reserved.
C:\Users\admin>cd downloads
C:\Users\admin\Downloads>ssh -i "vamsikarthik17_keypair.pem" ec2-user@ec2-34-203-75-252.compute-1.amazonaws.com
Last login: Wed Mar 22 15:18:42 2023 from 157.47.115.35
Amazon Linux 2 AMI
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-172-31-56-135 ~]$ sudo yum update -y
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
No packages marked for update
[ec2-user@ip-172-31-56-135 ~]$
Activate Windows
Go to Settings to activate Windows.
Type here to search
28°C Partly cloudy
ENG
8:52 PM
3/22/2023


ec2-user@ip-172-31-56-135:~
[ec2-user@ip-172-31-56-135 ~]$ 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
Activate Windows
Go to Settings to activate Windows.
Feedback
Language
© 2023, Amazon Web Services India Private Limited or its affiliates.
Privacy
Terms
Cookie preferences
Type here to search
28°C Partly cloudy
ENG
8:54 PM
3/22/2023


ec2-user@ip-172-31-56-135:~
[ec2-user@ip-172-31-56-135 ~]$ mysql -h database17.cfy9ojeks20j.us-east-1.rds.amazonaws.com -P 3306 -u admin -p
Enter password:
Welcome to the MariaDB monitor. Commands end with ; or \g.
Your MySQL connection id is 43
Server version: 8.0.28 Source distribution
Copyright (c) 2000, 2018, Oracle, MariaDB Corporation Ab and others.
Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.
MySQL [(none)]> SELECT CURRENT_TIMESTAMP;
| CURRENT_TIMESTAMP |
| 2023-03-22 15:45:35 |
1 row in set (0.00 sec)
MySQL [(none)]> CREATE DATABASE sampledb;
Query OK, 1 row affected (0.01 sec)
MySQL [(none)]> USE sampledb;
Database changed
MySQL [sampledb]> CREATE TABLE sampletable1(
-> id INT NOT NULL AUTO_INCREMENT,
-> name VARCHAR(50) NOT NULL,
-> PRIMARY KEY(id)
->);
Query OK, 0 rows affected (0.03 sec)
Activate Windows
Go to Settings to activate Windows.
Type here to search
28°C Partly cloudy
ENG
9:23 PM
3/22/2023


Select ec2-user@ip-172-31-56-135:~
MySQL [sampledb]> SHOW TABLES;
| Tables_in_sampledb |
| sampletable1 |
1 row in set (0.00 sec)
MySQL [sampledb]> INSERT INTO sampletable1 (name) VALUES ('karthik');
Query OK, 1 row affected (0.01 sec)
MySQL [sampledb]> INSERT INTO sampletable1 (name) VALUES ('lucifer');
Query OK, 1 row affected (0.00 sec)
MySQL [sampledb]> SELECT * FROM sampletable1;
id	name
1	karthik
2	lucifer
2 rows in set (0.00 sec)
MySQL [sampledb]>
Activate Windows
Go to Settings to activate Windows.
Type here to search
28°C Partly cloudy
ENG
9:24 PM
3/22/2023