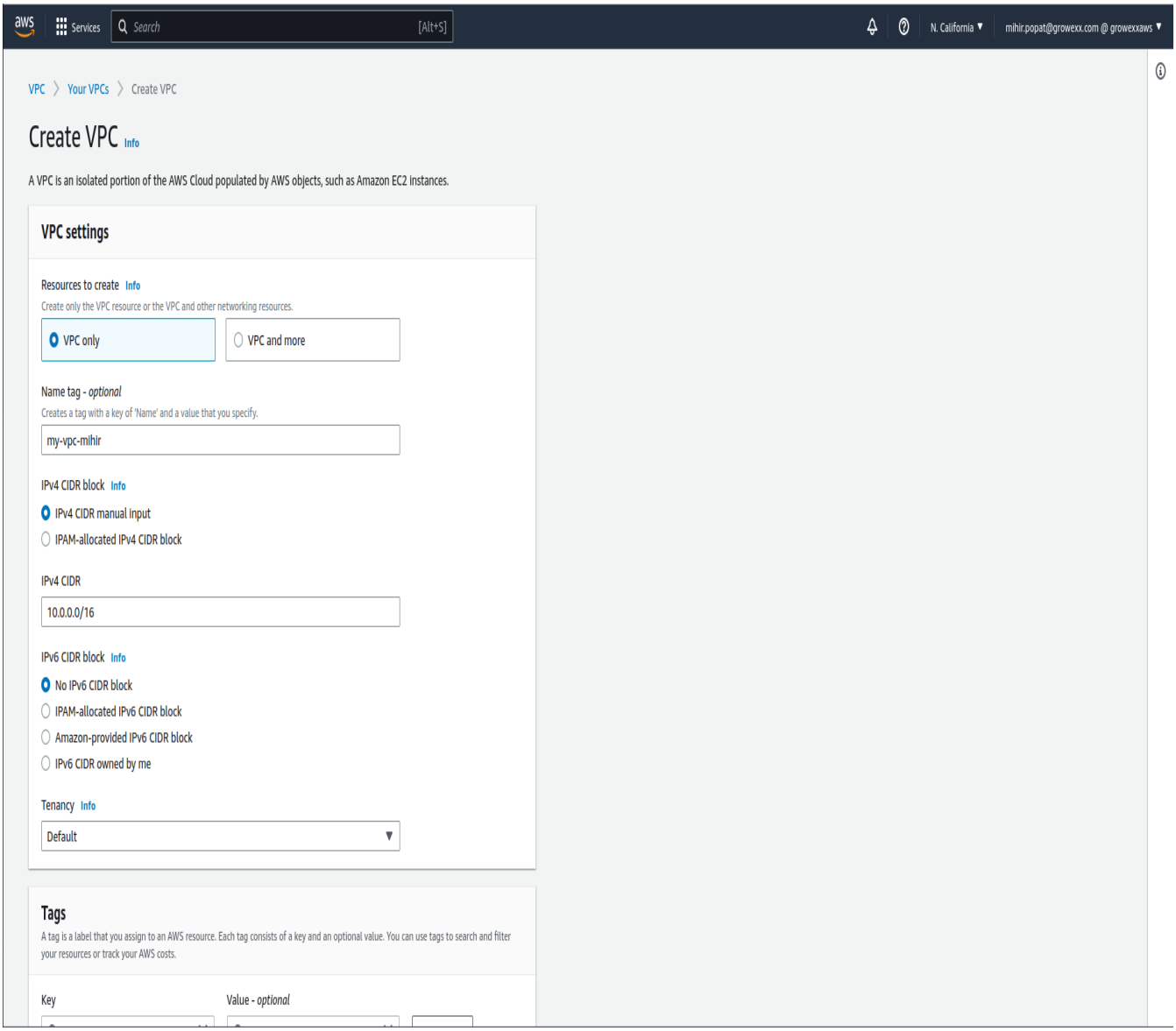
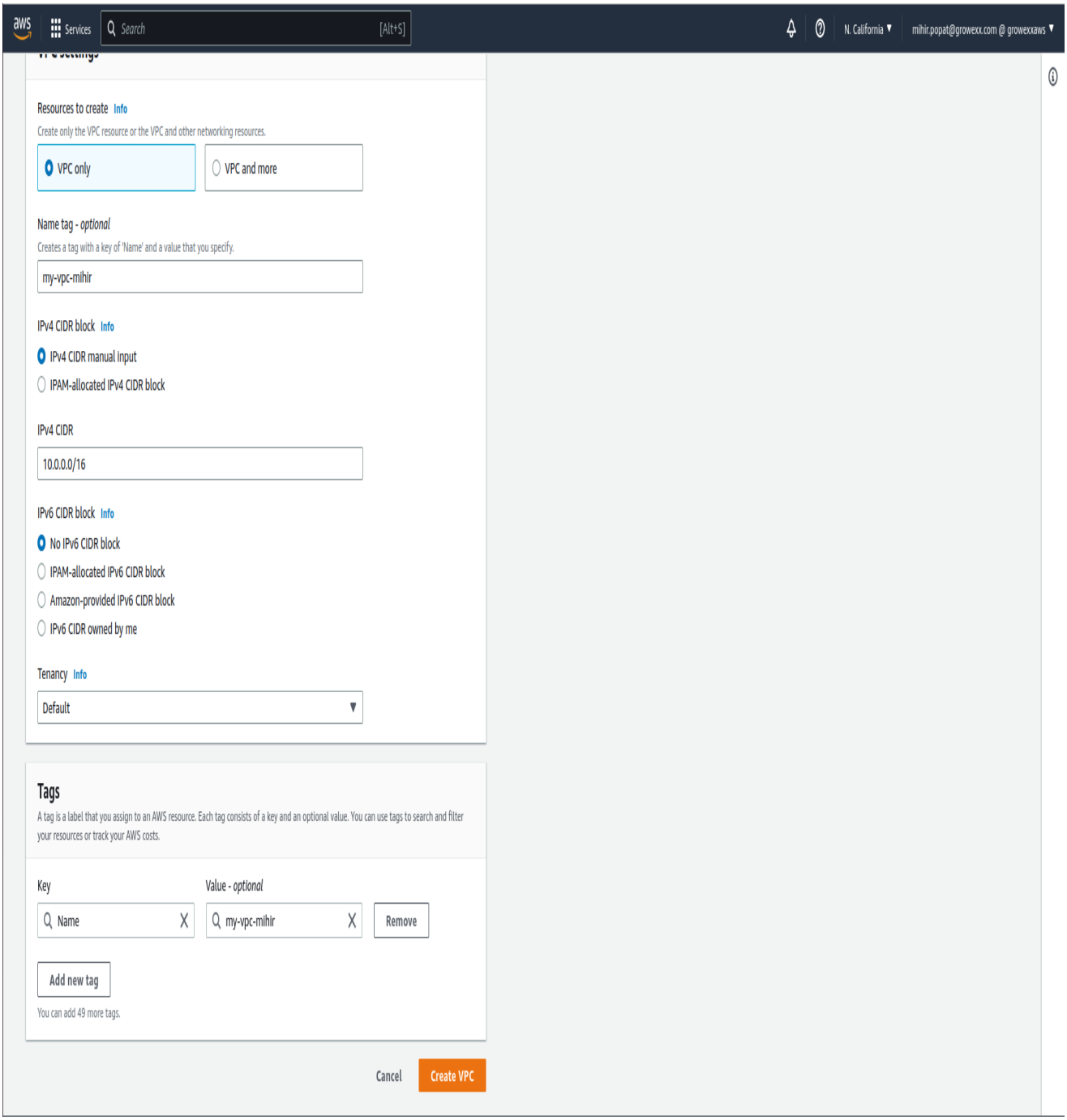
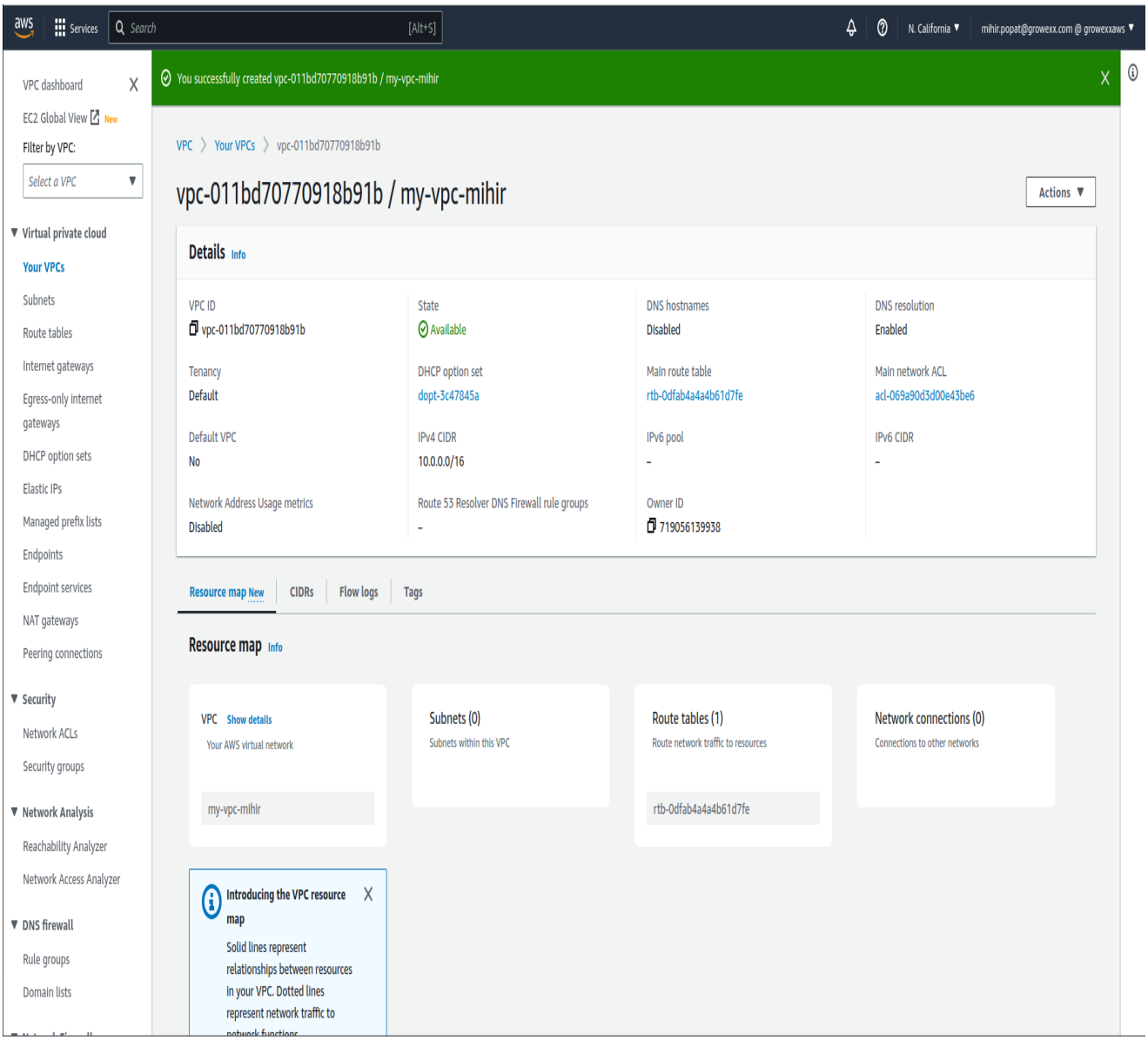
Creating VPC :-



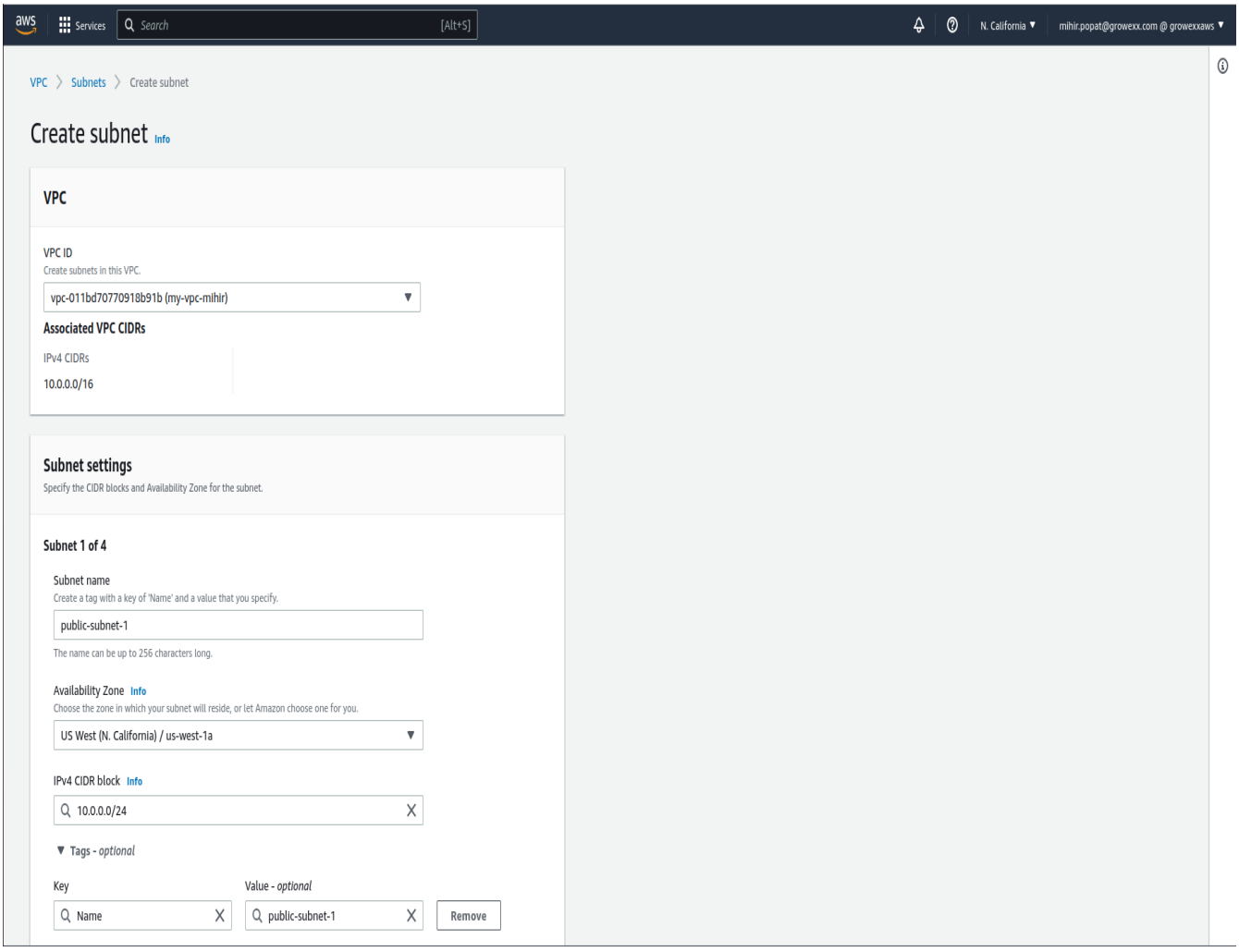

aws
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
Resources to create Info
Create only the VPC resource or the VPC and other networking resources.
VPC only
VPC and more
Name tag - optional
Creates a tag with a key of 'Name' and a value that you specify.
my-vpc-mihir
IPv4 CIDR block Info
IPv4 CIDR manual input
IPAM-allocated IPv4 CIDR block
IPv4 CIDR
10.0.0.0/16
IPv6 CIDR block Info
No IPv6 CIDR block
IPAM-allocated IPv6 CIDR block
Amazon-provided IPv6 CIDR block
IPv6 CIDR owned by me
Tenancy Info
Default
Tags
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.
Key
Value - optional
Name
my-vpc-mihir
Remove
Add new tag
You can add 49 more tags.
Cancel
Create VPC



- Search VPC In the search box and click on create VPC .
- Give name to VPC and set IPV4 CIDR block so that we can set ip address range . The number after “/” denotes fixed bits . It ranges form 0 to 32 bits . So if 16 then first 2 digits are fixed . The reason to defined this range is because when we create any instance private ip address is used to connect we can not change public ip address . Tendancy is

selected as default because not required dedicated hardware right now . And create VPC . In every AWS account there is default VPC and Default Subnet . In here region US-WEST-1 is choose complete the assignment.

Create Public and Private Subnet :-



Subnet 2 of 4

Subnet name

Create a tag with a key of 'Name' and a value that you specify.

public-subnet-2

The name can be up to 256 characters long.

Availability Zone Info

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

US West (N. California) / us-west-1c

IPv4 CIDR block Info

10.0.1.0/24

▼ Tags - *optional*

Key	Value - *optional*	
Name	public-subnet-2	Remove

Add new tag

You can add 49 more tags.

Remove

Subnet 3 of 4

Subnet name

Create a tag with a key of 'Name' and a value that you specify.

private-subnet-1

The name can be up to 256 characters long.

Availability Zone Info

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

US West (N. California) / us-west-1a

IPv4 CIDR block Info

10.0.2.0/24

▼ Tags - *optional*

Key	Value - *optional*	
Name	private-subnet-1	Remove

Add new tag

You can add 49 more tags.

Remove

Subnet 4 of 4

Subnet name

Create a tag with a key of 'Name' and a value that you specify.

private-subnet-2

The name can be up to 256 characters long.

Availability Zone Info

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

US West (N. California) / us-west-1c

IPv4 CIDR block Info

10.0.3.0/24

▼ Tags - *optional*

Key	Value - *optional*	
Name	private-subnet-2	Remove

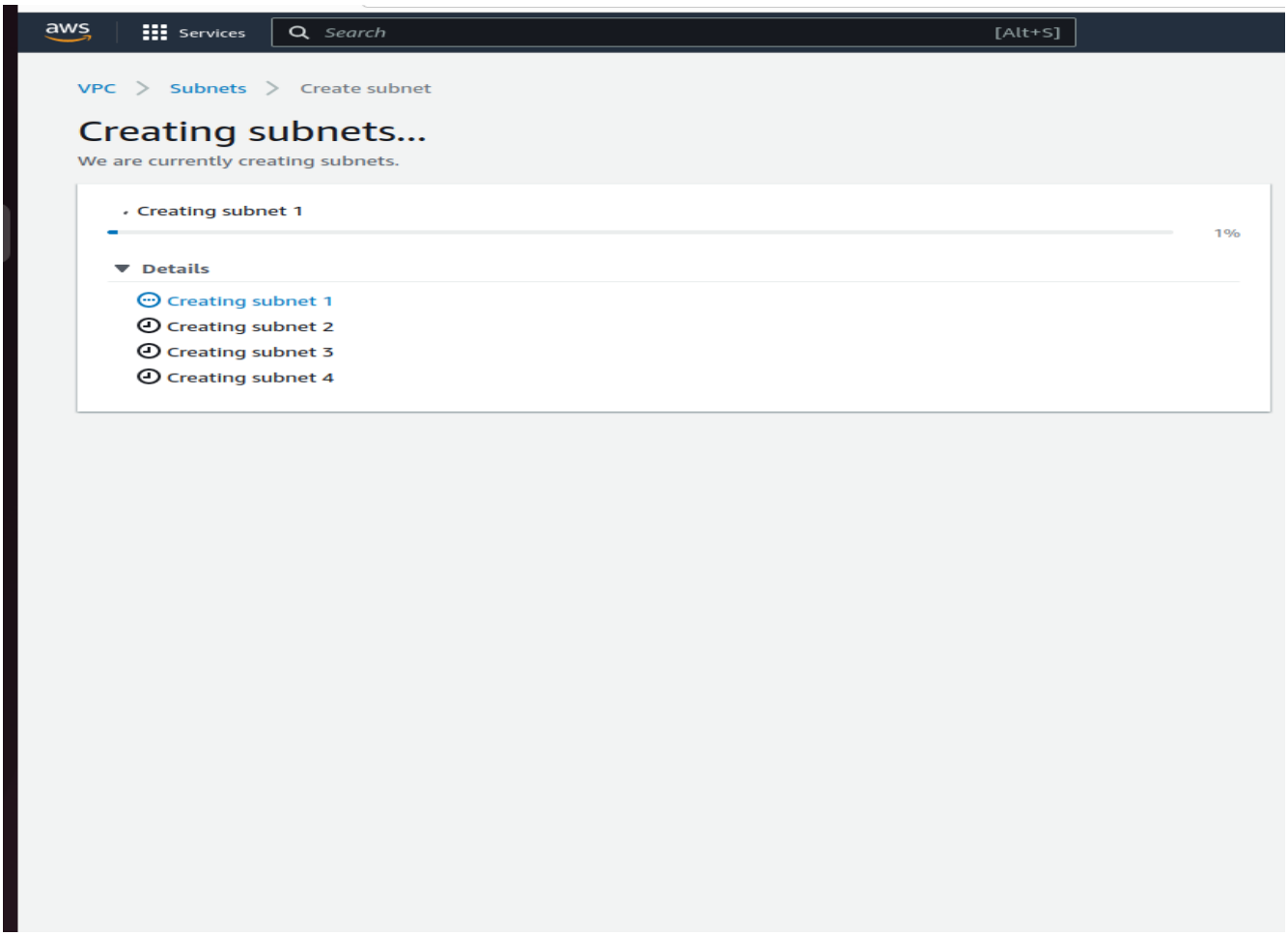
Add new tag

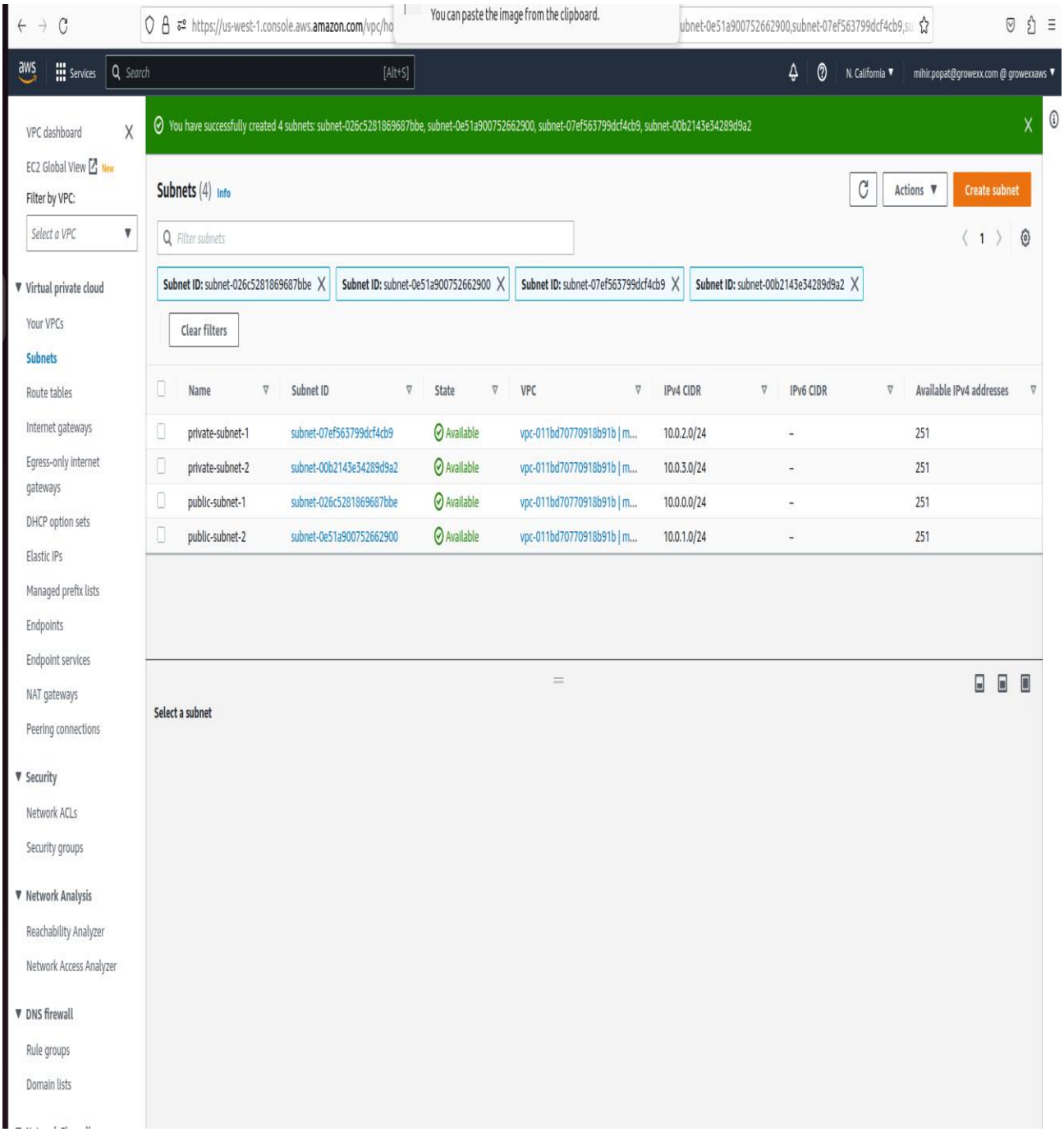
You can add 49 more tags.

Remove

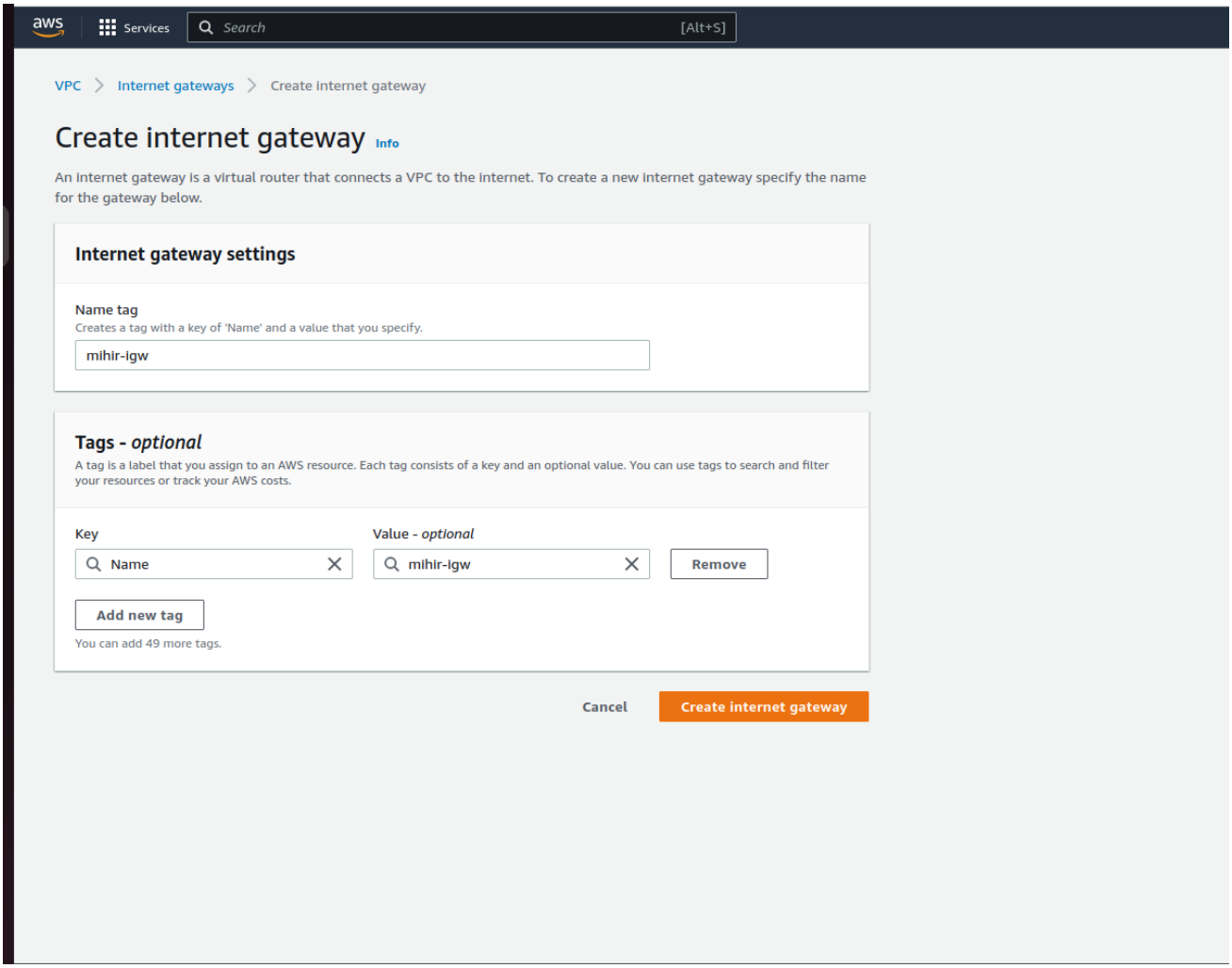
Add new subnet

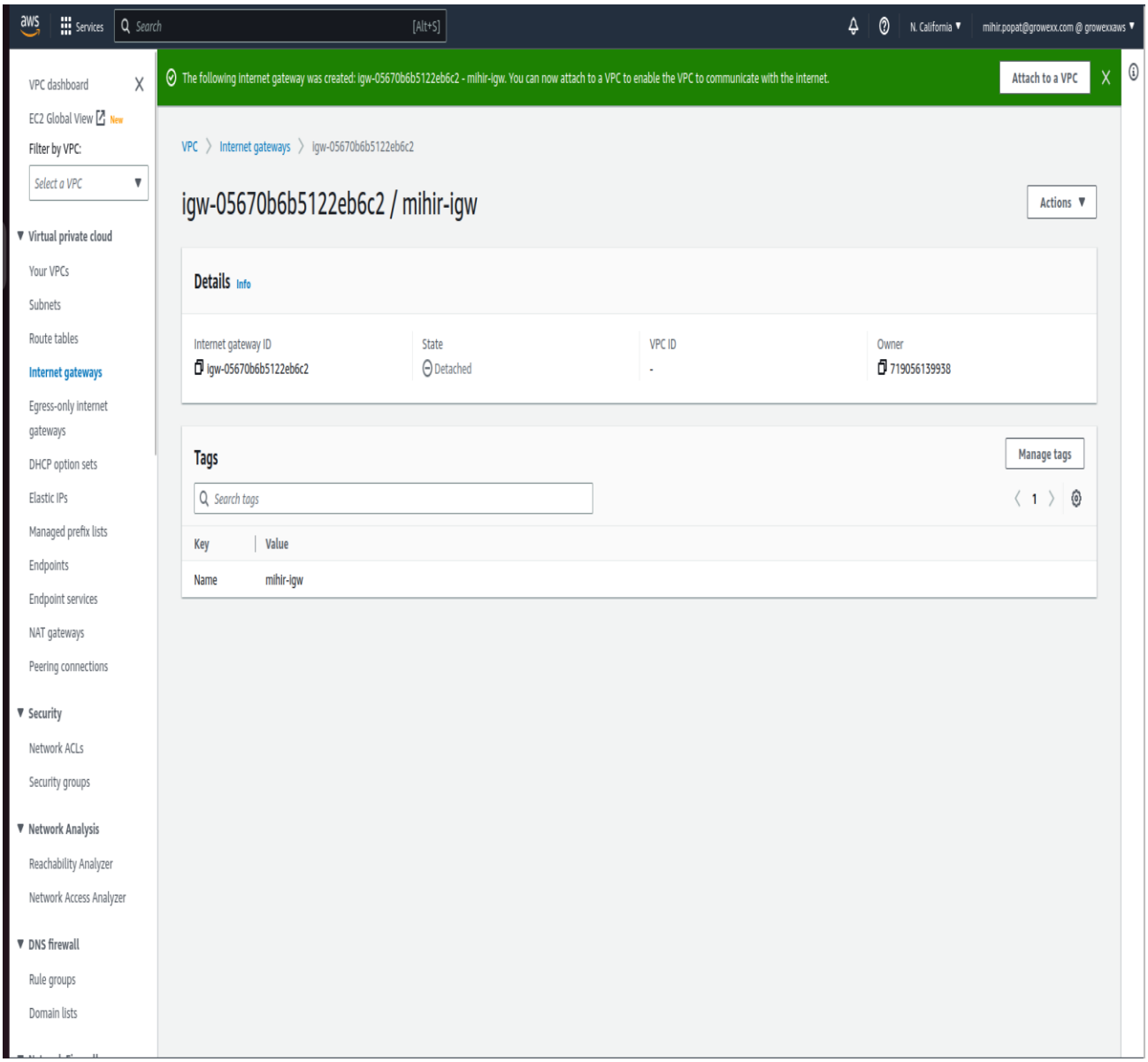
Cancel Create subnet


aws
Services
Search
[Alt+S]
VPC
Subnets
Create subnet
Creating subnets...
We are currently creating subnets.
Creating subnet 1
1%
Details
Creating subnet 1
Creating subnet 2
Creating subnet 3
Creating subnet 4

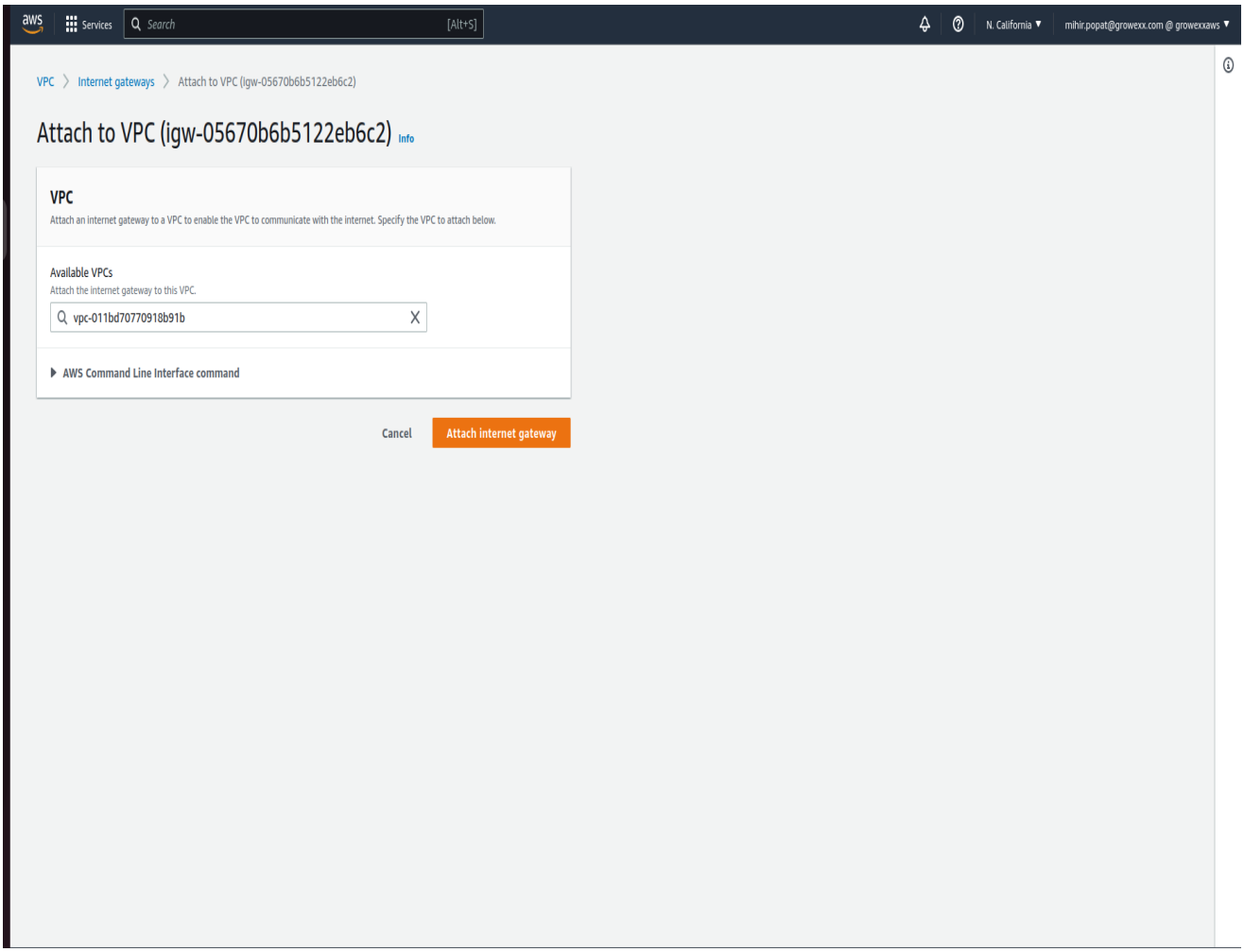


Now create internet gateway :- by default all the subnets are private so make it public we need internet gateway and routing table


aws
Services
Search
[Alt+S]
VPC
Internet gateways
Create internet gateway
Create internet gateway
Info
An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.
Internet gateway settings
Name tag
Creates a tag with a key of 'Name' and a value that you specify.
mihir-igw
Tags - optional
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.
Key
Value - optional
Name
mihir-igw
Remove
Add new tag
You can add 49 more tags.
Cancel
Create internet gateway



Now attach internet gateway with vpc.


aws
Services
Search
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N. California
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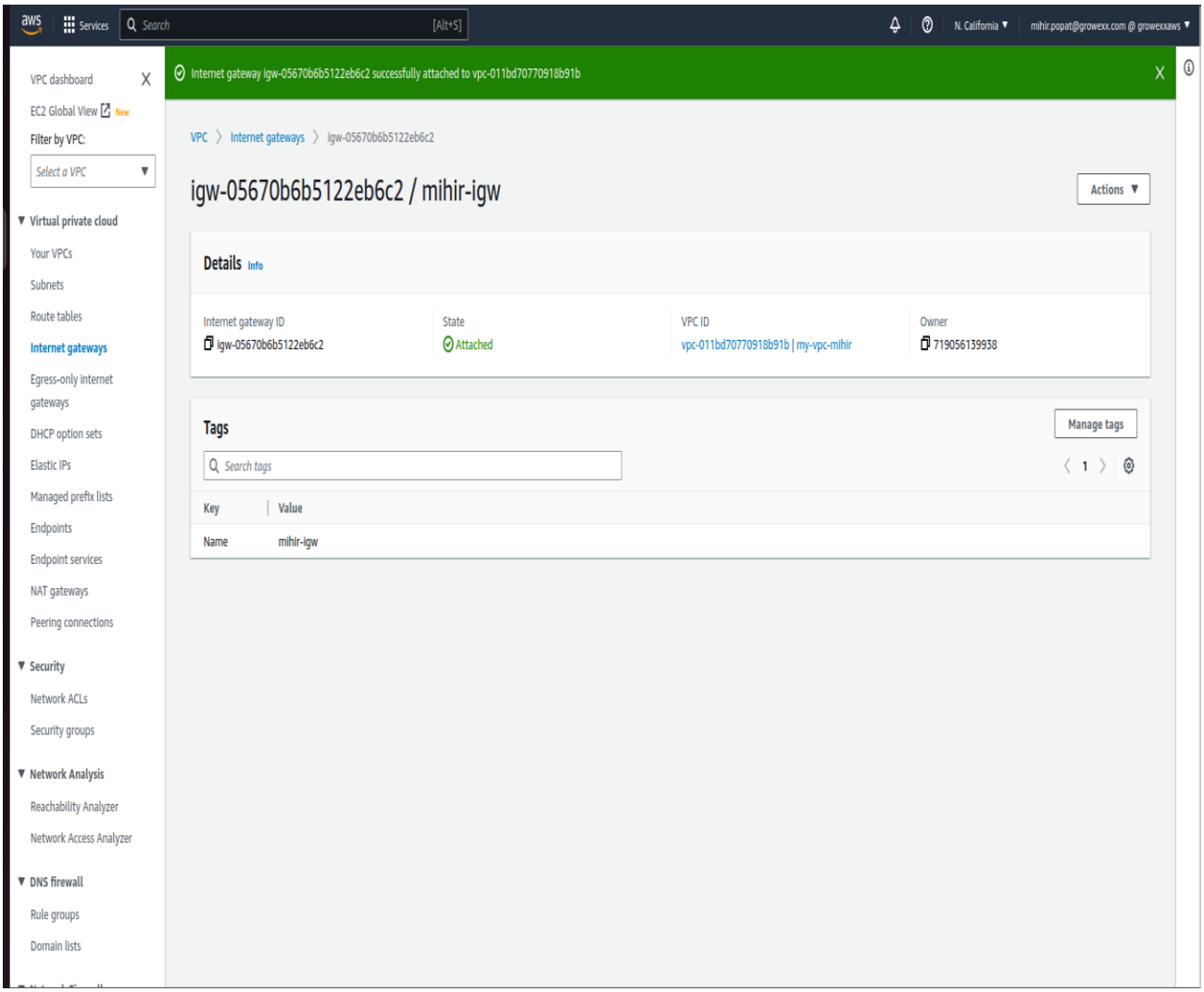
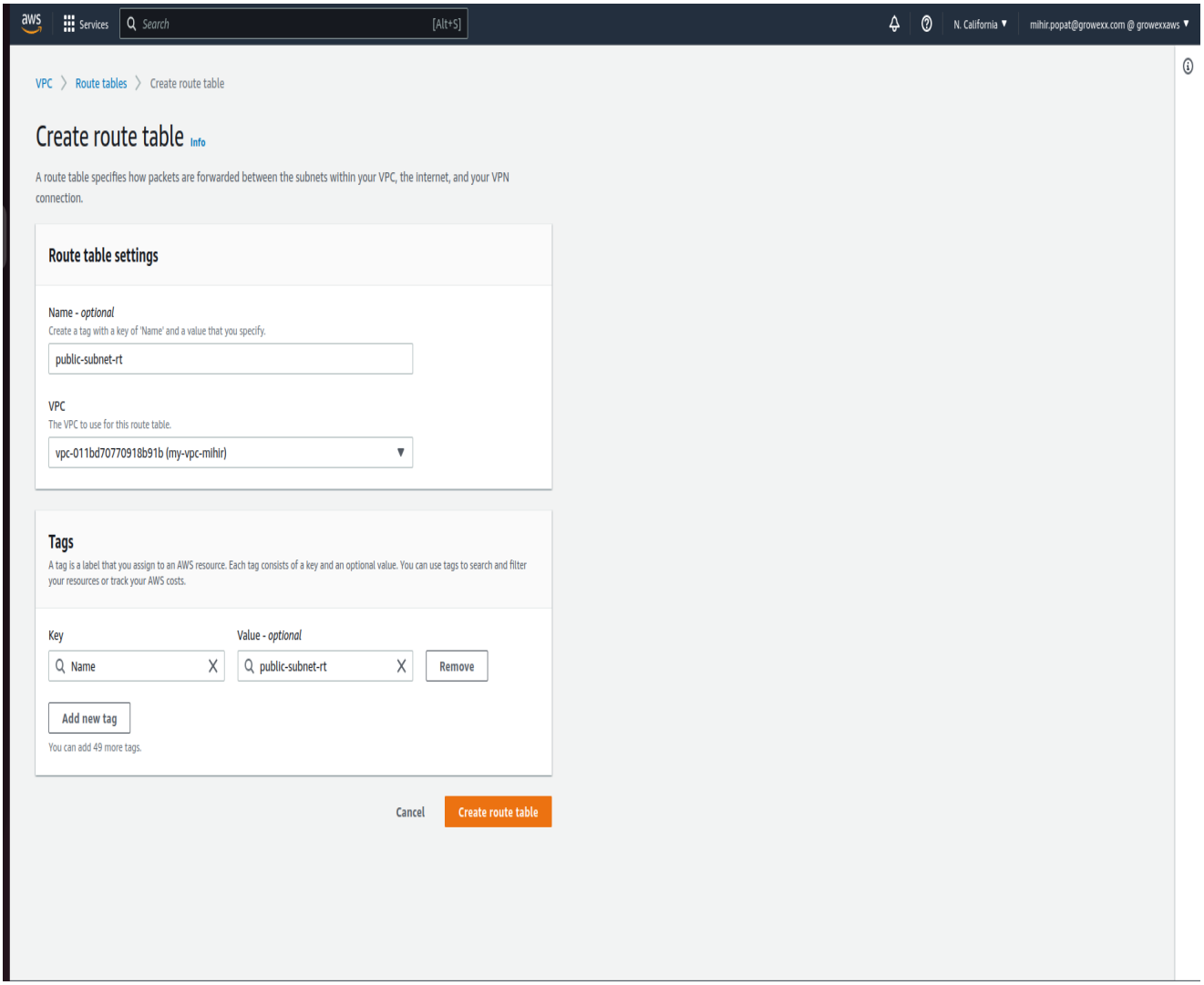
VPC
Internet gateways
Attach to VPC (igw-05670b6b5122eb6c2)
Attach to VPC (igw-05670b6b5122eb6c2) Info
VPC
Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.
Available VPCs
Attach the internet gateway to this VPC.
vpc-011bd70770918b91b
AWS Command Line Interface command
Cancel
Attach internet gateway



Now create route table for public subnet to separate them for private subnet .


aws
Services
Search
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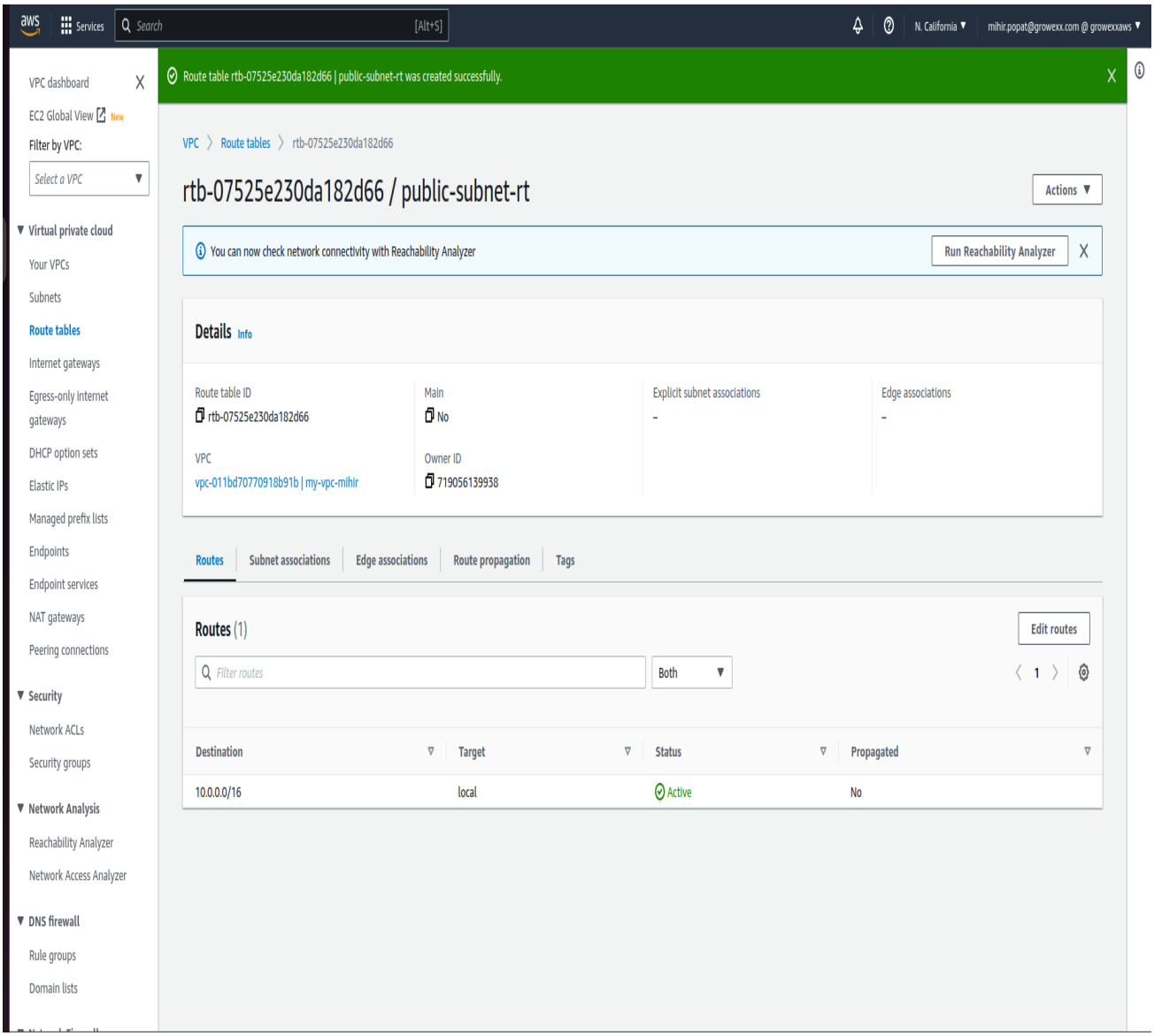
VPC
Route tables
Create route table
Create route table
Info
A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.
Route table settings
Name - optional
Create a tag with a key of 'Name' and a value that you specify.
public-subnet-rt
VPC
The VPC to use for this route table.
vpc-011bd70770918b91b (my-vpc-mihir)
Tags
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.
Key
Value - optional
Name
public-subnet-rt
Remove
Add new tag
You can add 49 more tags.
Cancel
Create route table


aws
Services
Search
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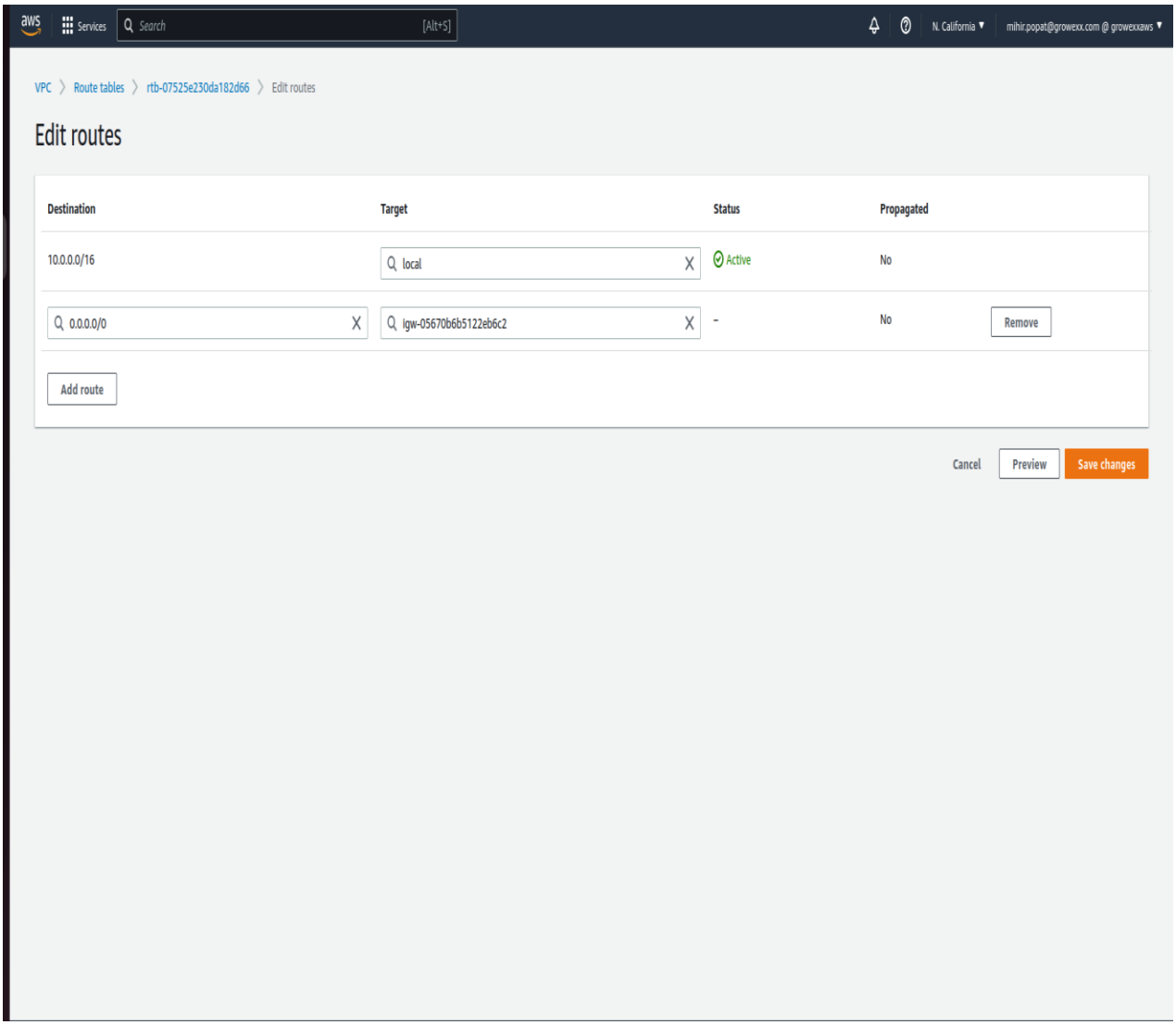
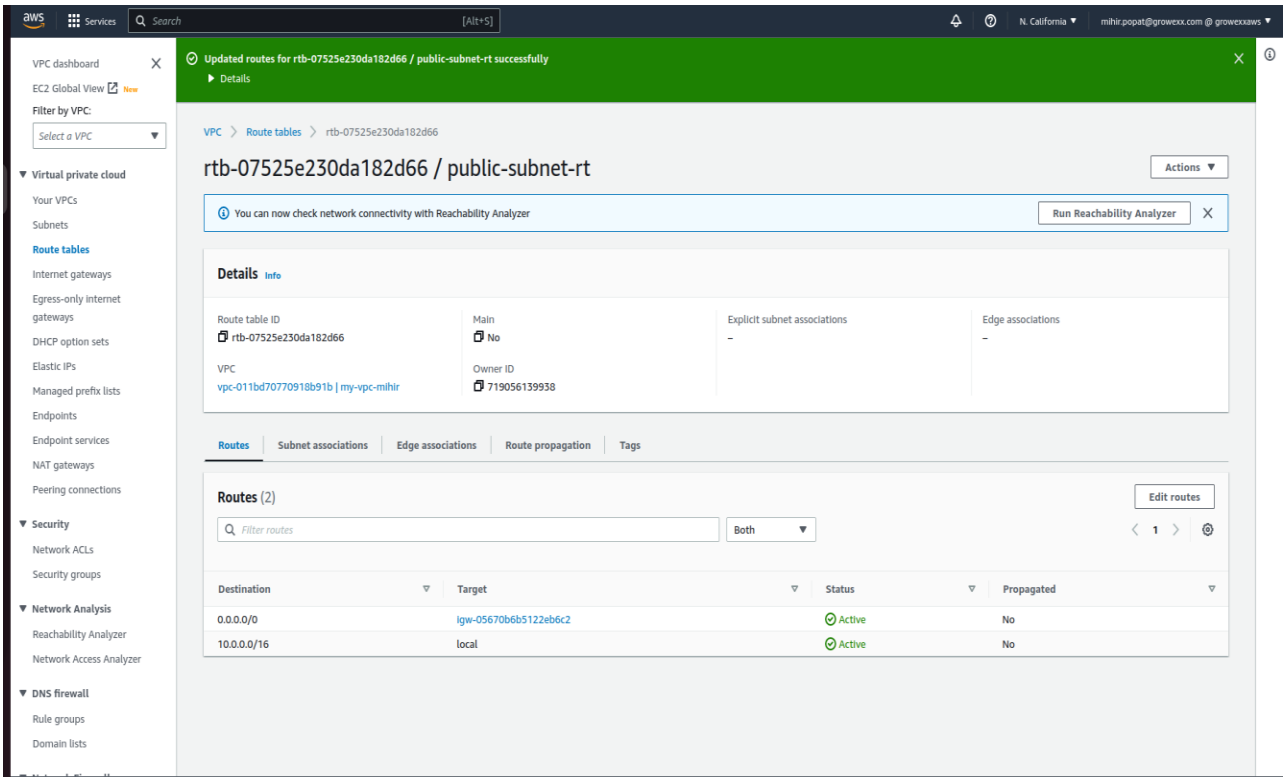
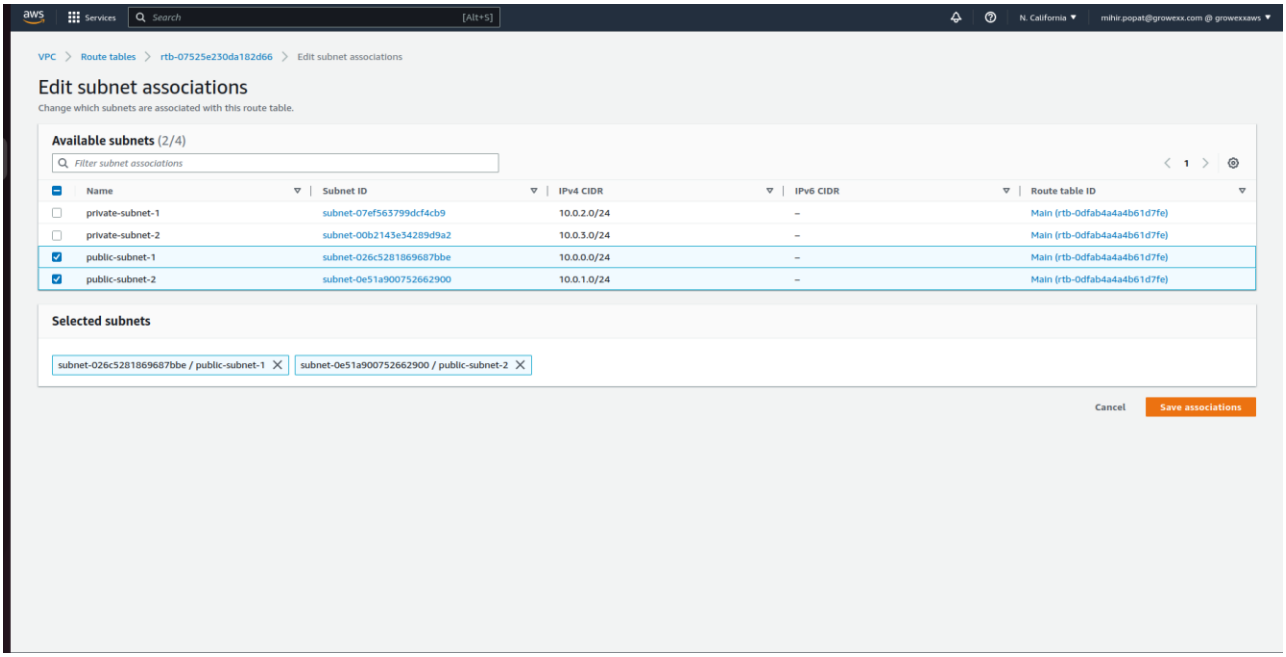
VPC dashboard
EC2 Global View New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Security
Network ACLs
Security groups
Network Analysis
Reachability Analyzer
Network Access Analyzer
DNS firewall
Rule groups
Domain lists
Route table rtb-07525e230da182d66 | public-subnet-rt was created successfully.
VPC > Route tables > rtb-07525e230da182d66
rtb-07525e230da182d66 / public-subnet-rt
Actions
You can now check network connectivity with Reachability Analyzer
Run Reachability Analyzer
Details Info
Route table ID
rtb-07525e230da182d66
Main
No
Explicit subnet associations
-
Edge associations
-
VPC
vpc-011bd70770918b91b | my-vpc-mihir
Owner ID
719056139938
Routes
Subnet associations
Edge associations
Route propagation
Tags
Routes (1)
Edit routes
Filter routes
Both
1
Destination
Target
Status
Propagated
10.0.0.0/16
local
Active
No

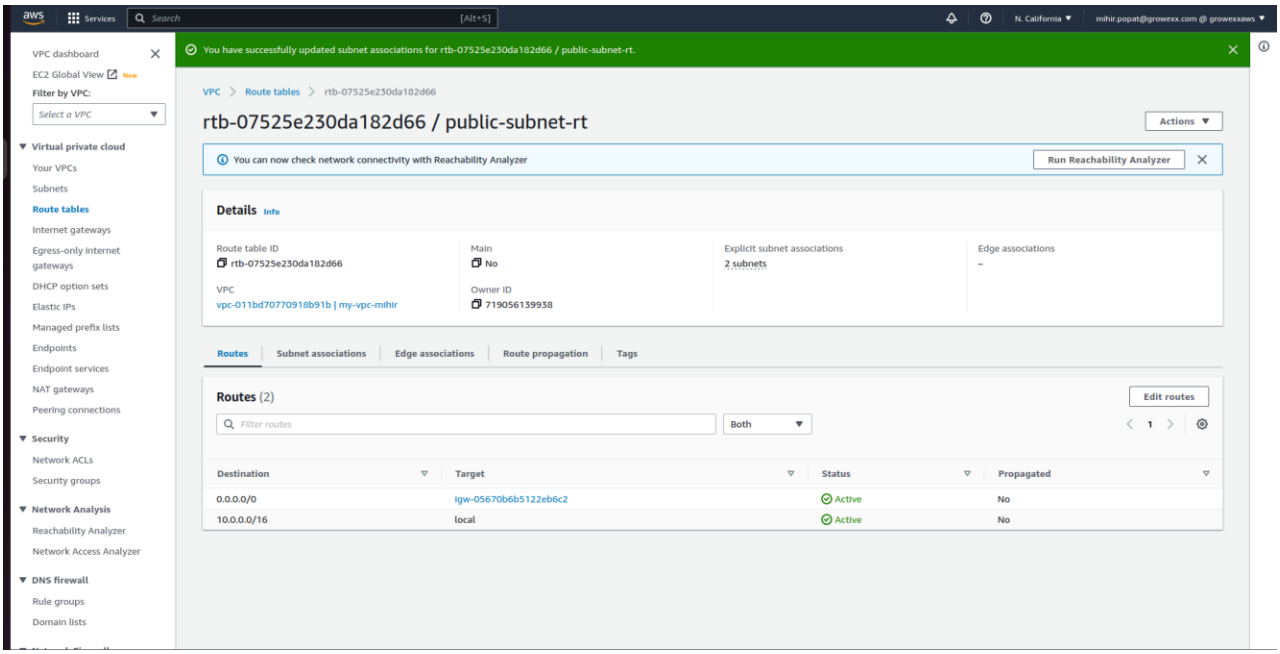


Due to adding 0.0.0.0/0 we can add internet gate way for public subnet.



Now edit public subnet explicitly .

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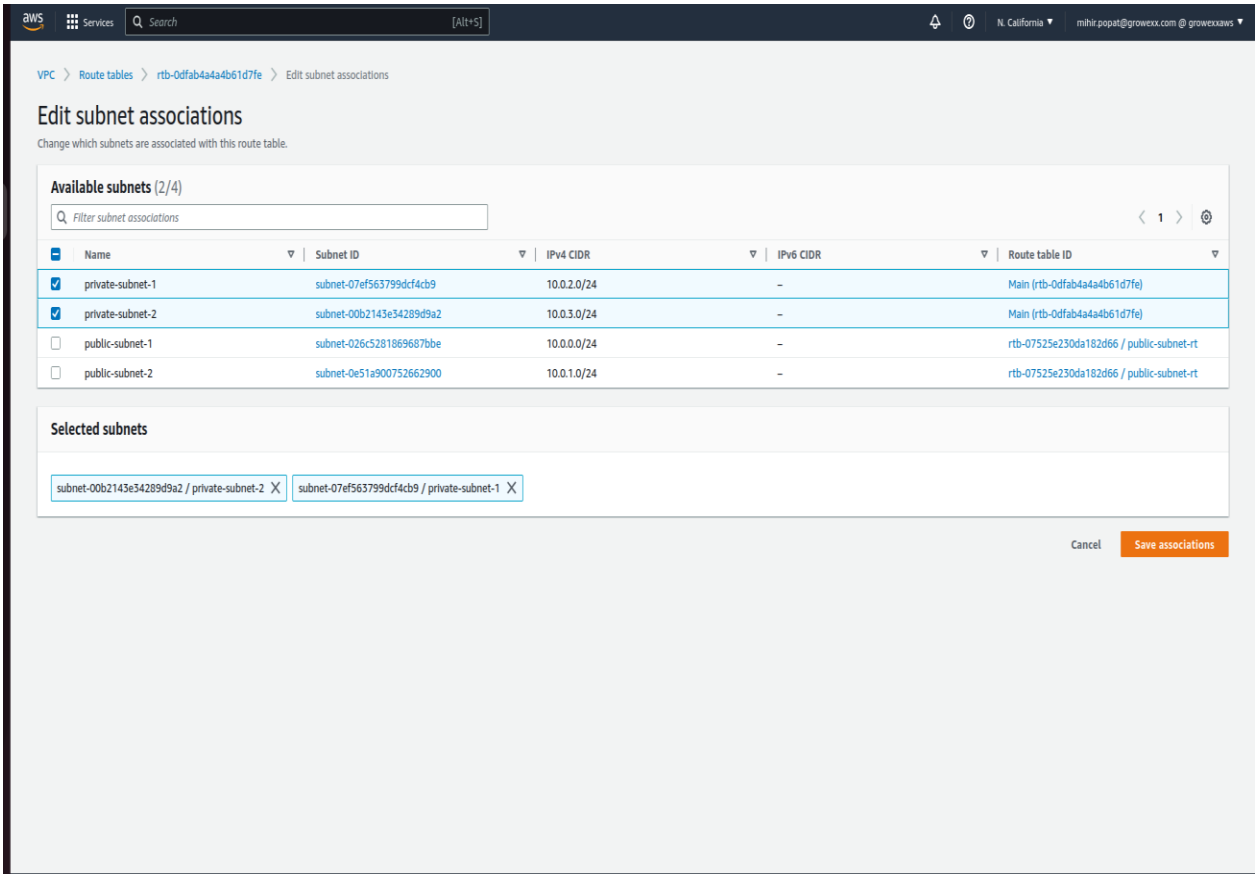
VPC dashboard
EC2 Global View
New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Security
Network ACLs
Security groups
Network Analysis
Reachability Analyzer
Network Access Analyzer
DNS firewall
Rule groups
Domain lists
You have successfully updated subnet associations for rtb-07525e230da182d66 / public-subnet-rt.
VPC > Route tables > rtb-07525e230da182d66
rtb-07525e230da182d66 / public-subnet-rt
Actions
You can now check network connectivity with Reachability Analyzer
Run Reachability Analyzer
Details Info
Route table ID
rtb-07525e230da182d66
Main
No
Explicit subnet associations
2 subnets
Edge associations
–
VPC
vpc-011bd70770918b91b | my-vpc-mihir
Owner ID
719056139938
Routes
Subnet associations
Edge associations
Route propagation
Tags
Routes (2)
Edit routes
Filter routes
Both
1
Destination
Target
Status
Propagated
0.0.0.0/0
igw-05670b6b5122eb6c2
Active
No
10.0.0.0/16
local
Active
No


aws
Services
Search
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N. California
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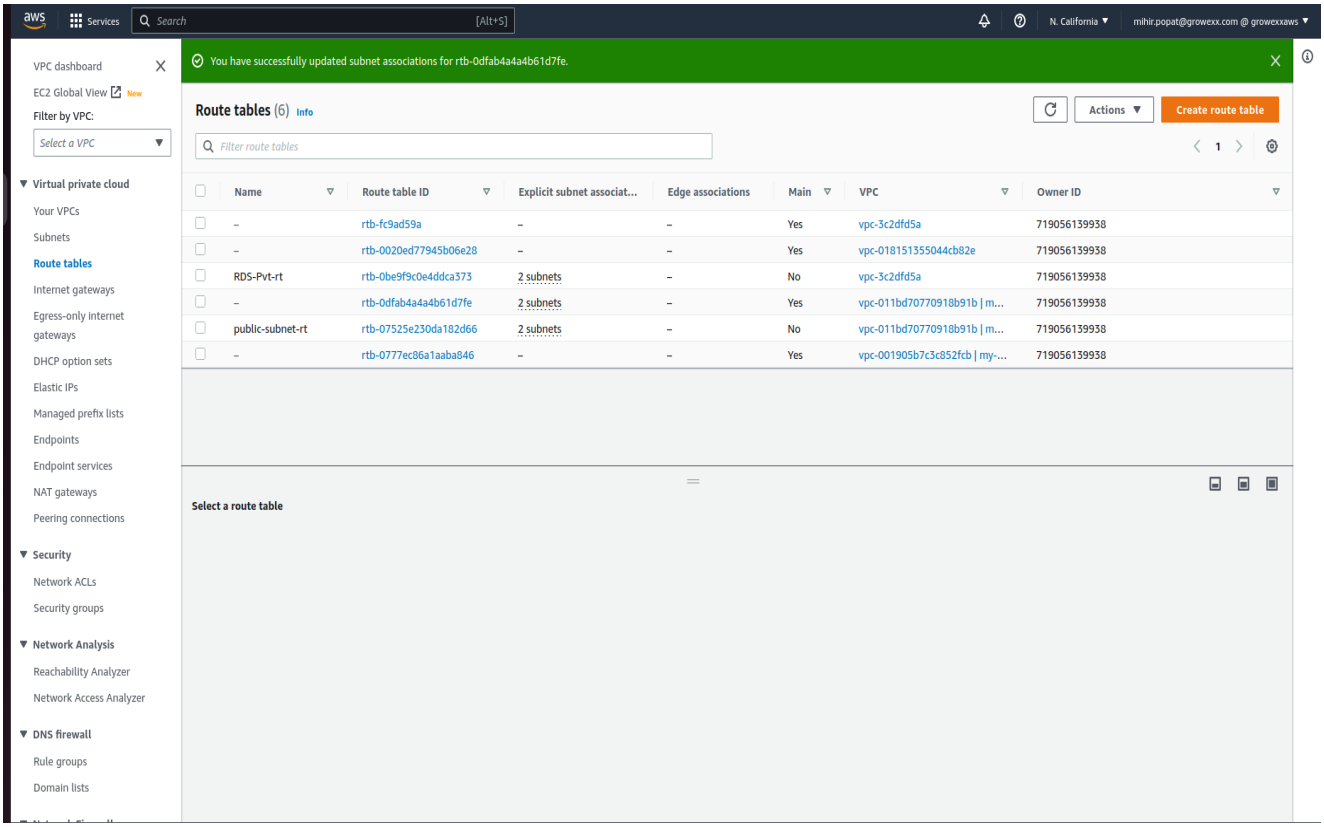
VPC > Route tables > rtb-0dfab4a4a4b61d7fe > Edit subnet associations
Edit subnet associations
Change which subnets are associated with this route table.
Available subnets (2/4)
Filter subnet associations
1
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
Route table ID
private-subnet-1
subnet-07ef563799dcf4cb9
10.0.2.0/24
–
Main (rtb-0dfab4a4a4b61d7fe)
private-subnet-2
subnet-00b2143e34289d9a2
10.0.3.0/24
–
Main (rtb-0dfab4a4a4b61d7fe)
public-subnet-1
subnet-026c5281869687bbe
10.0.0.0/24
–
rtb-07525e230da182d66 / public-subnet-rt
public-subnet-2
subnet-0e51a900752662900
10.0.1.0/24
–
rtb-07525e230da182d66 / public-subnet-rt
Selected subnets
subnet-00b2143e34289d9a2 / private-subnet-2
subnet-07ef563799dcf4cb9 / private-subnet-1
Cancel
Save associations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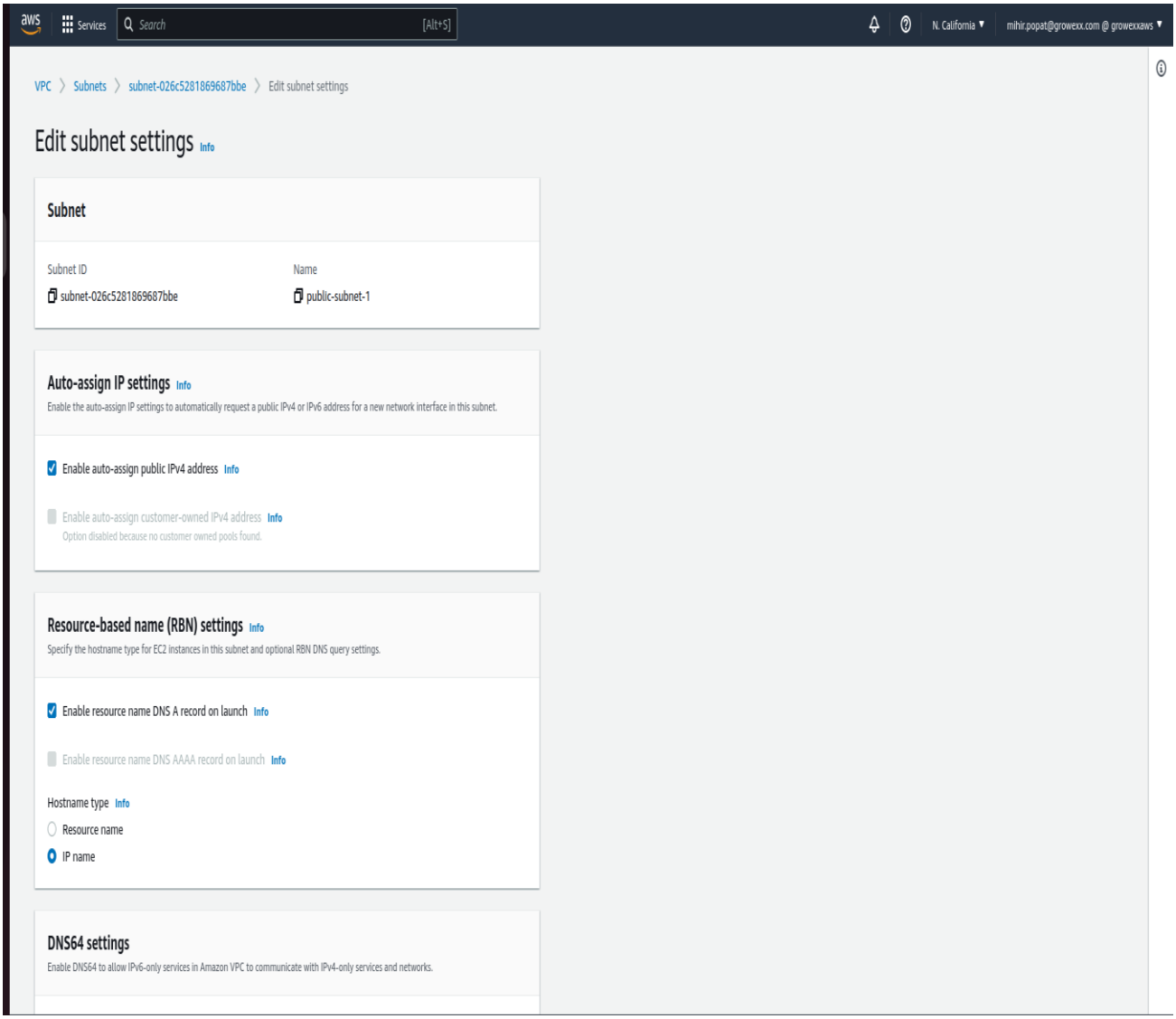
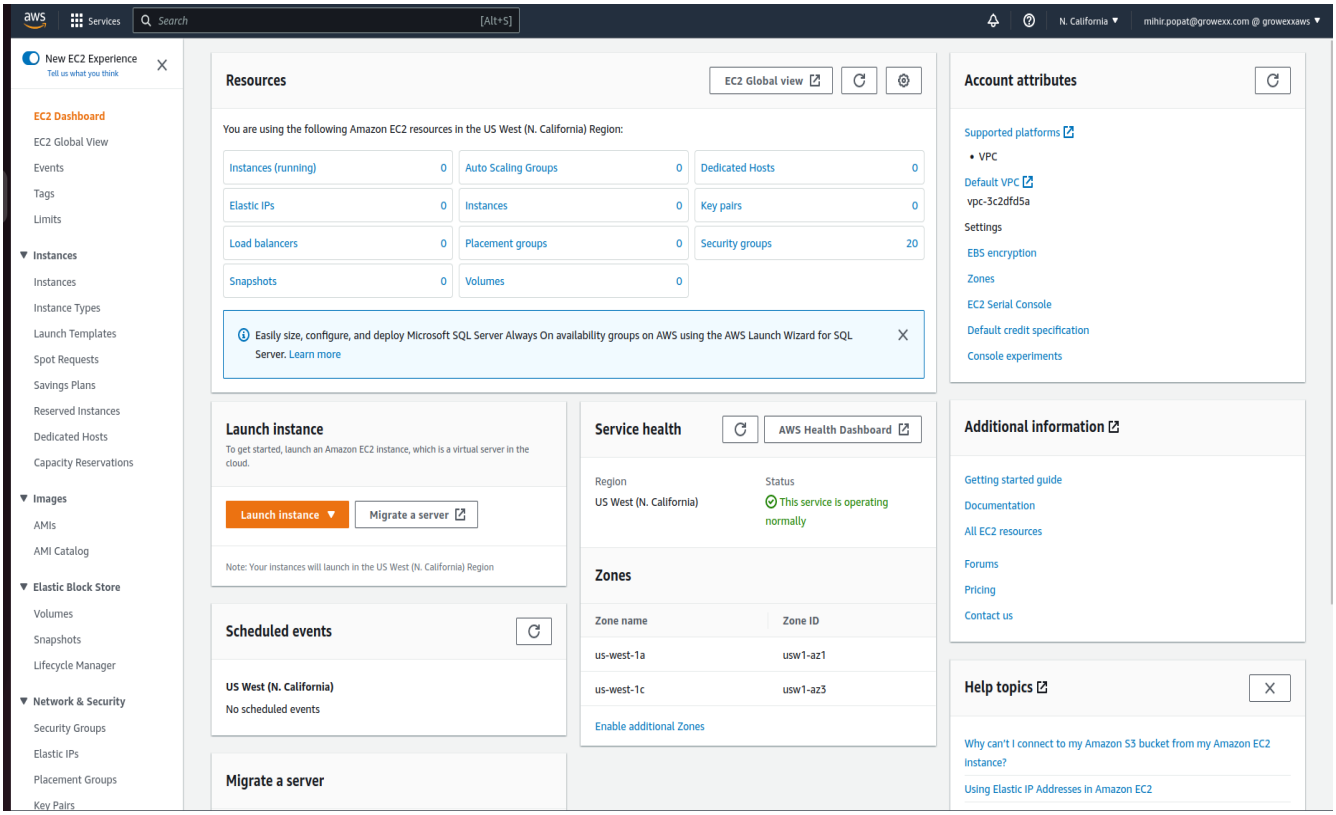
VPC dashboard
EC2 Global View
New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only Internet gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Security
Network ACLs
Security groups
Network Analysis
Reachability Analyzer
Network Access Analyzer
DNS firewall
Rule groups
Domain lists
You have successfully updated subnet associations for rtb-0dfab4a4a4b61d7fe.
Route tables (6) Info
Actions
Create route table
Filter route tables
1
Name
Route table ID
Explicit subnet associat...
Edge associations
Main
VPC
Owner ID
– rtb-fc9ad59a – – Yes vpc-3c2dfd5a 719056139938
– rtb-0020ed77945b06e28 – – Yes vpc-018151355044cb82e 719056139938
RDS-Pvt-rt rtb-0be9f9c0e4ddca373 2 subnets – No vpc-3c2dfd5a 719056139938
– rtb-0dfab4a4a4b61d7fe 2 subnets – Yes vpc-011bd70770918b91b | m... 719056139938
public-subnet-rt rtb-07525e230da182d66 2 subnets – No vpc-011bd70770918b91b | m... 719056139938
– rtb-0777ec86a1aaba846 – – Yes vpc-001905b7c3c852fcb | my-... 719056139938
Select a route table



Auto Assign ip address that help when we create ec2 instance in same subnet for public ip address.

Now creating EC2 instance

- To create EC2 instance click on launch instance . Then give name to the EC2 instance and select amazon machine image as ubuntu and instance type t2.micro .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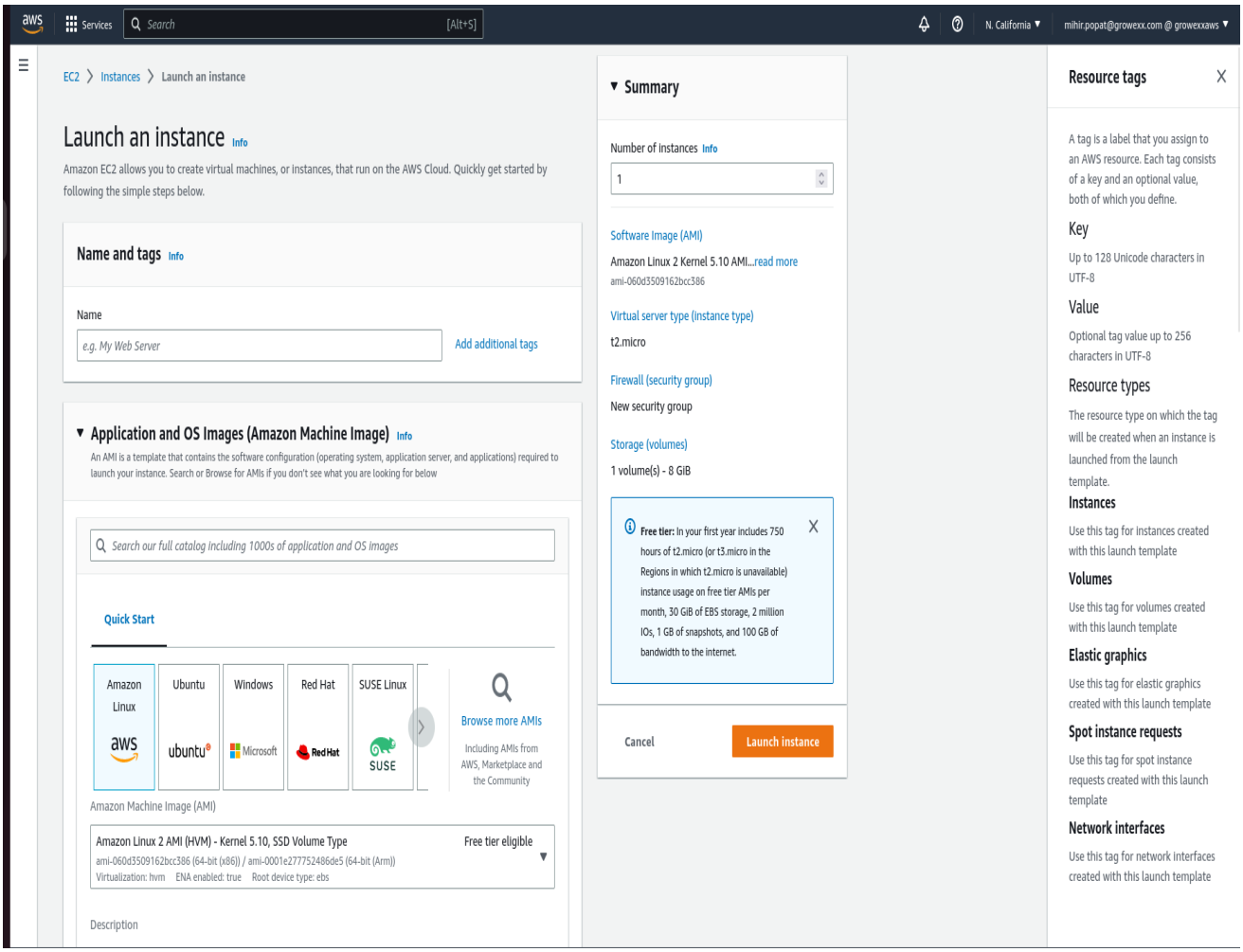
New EC2 Experience
Tell us what you think
EC2 Dashboard
EC2 Global View
Events
Tags
Limits
Instances
Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations
Images
AMIs
AMI Catalog
Elastic Block Store
Volumes
Snapshots
Lifecycle Manager
Network & Security
Security Groups
Elastic IPs
Placement Groups
Key Pairs
Resources
EC2 Global view
You are using the following Amazon EC2 resources in the US West (N. California) Region:
Instances (running) 0
Auto Scaling Groups 0
Dedicated Hosts 0
Elastic IPs 0
Instances 0
Key pairs 0
Load balancers 0
Placement groups 0
Security groups 20
Snapshots 0
Volumes 0
Easily size, configure, and deploy Microsoft SQL Server Always On availability groups on AWS using the AWS Launch Wizard for SQL Server. Learn more
Account attributes
Supported platforms
VPC
Default VPC
vpc-3c2dfd5a
Settings
EBS encryption
Zones
EC2 Serial Console
Default credit specification
Console experiments
Launch instance
To get started, launch an Amazon EC2 instance, which is a virtual server in the cloud.
Launch instance
Migrate a server
Note: Your instances will launch in the US West (N. California) Region
Service health
AWS Health Dashboard
Region
US West (N. California)
Status
This service is operating normally
Zones
Zone name
Zone ID
us-west-1a
usw1-az1
us-west-1c
usw1-az3
Enable additional Zones
Additional information
Getting started guide
Documentation
All EC2 resources
Forums
Pricing
Contact us
Scheduled events
US West (N. California)
No scheduled events
Migrate a server
Help topics
Why can't I connect to my Amazon S3 bucket from my Amazon EC2 instance?
Using Elastic IP Addresses in Amazon EC2


aws
Services
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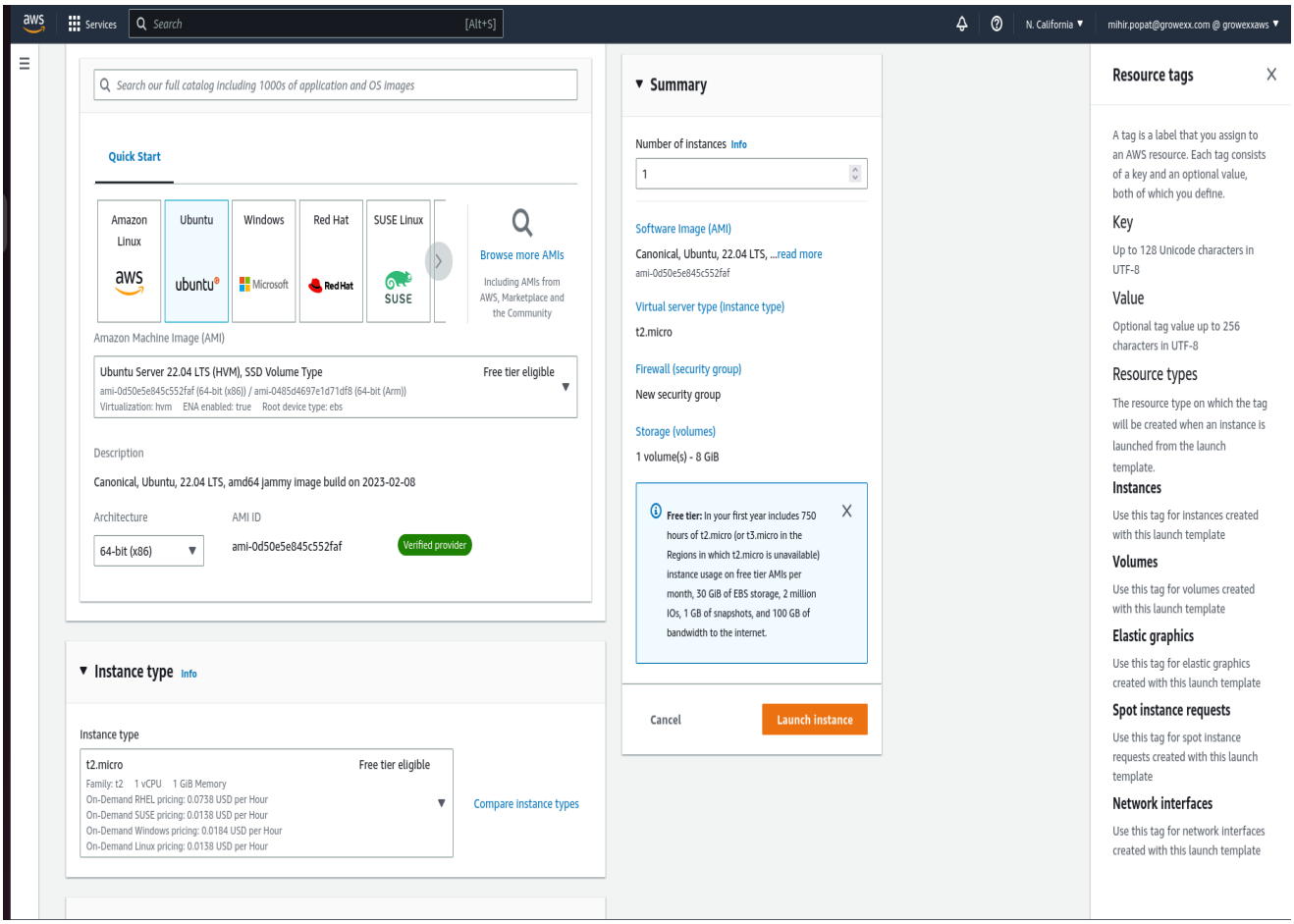
EC2 > Instances > Launch an instance
Launch an instance Info
Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.
Name and tags Info
Name
e.g. My Web Server
Add additional tags
Application and OS Images (Amazon 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
Ubuntu
Windows
Red Hat
SUSE Linux
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-060d3509162bcc386 (64-bit (x86)) / ami-0001e27752486de5 (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs
Description
Summary
Number of instances Info
1
Software Image (AMI)
Amazon Linux 2 Kernel 5.10 AMI...read more
ami-060d3509162bcc386
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
Resource tags
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value, both of which you define.
Key
Up to 128 Unicode characters in UTF-8
Value
Optional tag value up to 256 characters in UTF-8
Resource types
The resource type on which the tag will be created when an instance is launched from the launch template.
Instances
Use this tag for instances created with this launch template
Volumes
Use this tag for volumes created with this launch template
Elastic graphics
Use this tag for elastic graphics created with this launch template
Spot instance requests
Use this tag for spot instance requests created with this launch template
Network interfaces
Use this tag for network interfaces created with this launch template


aws
Services
Search
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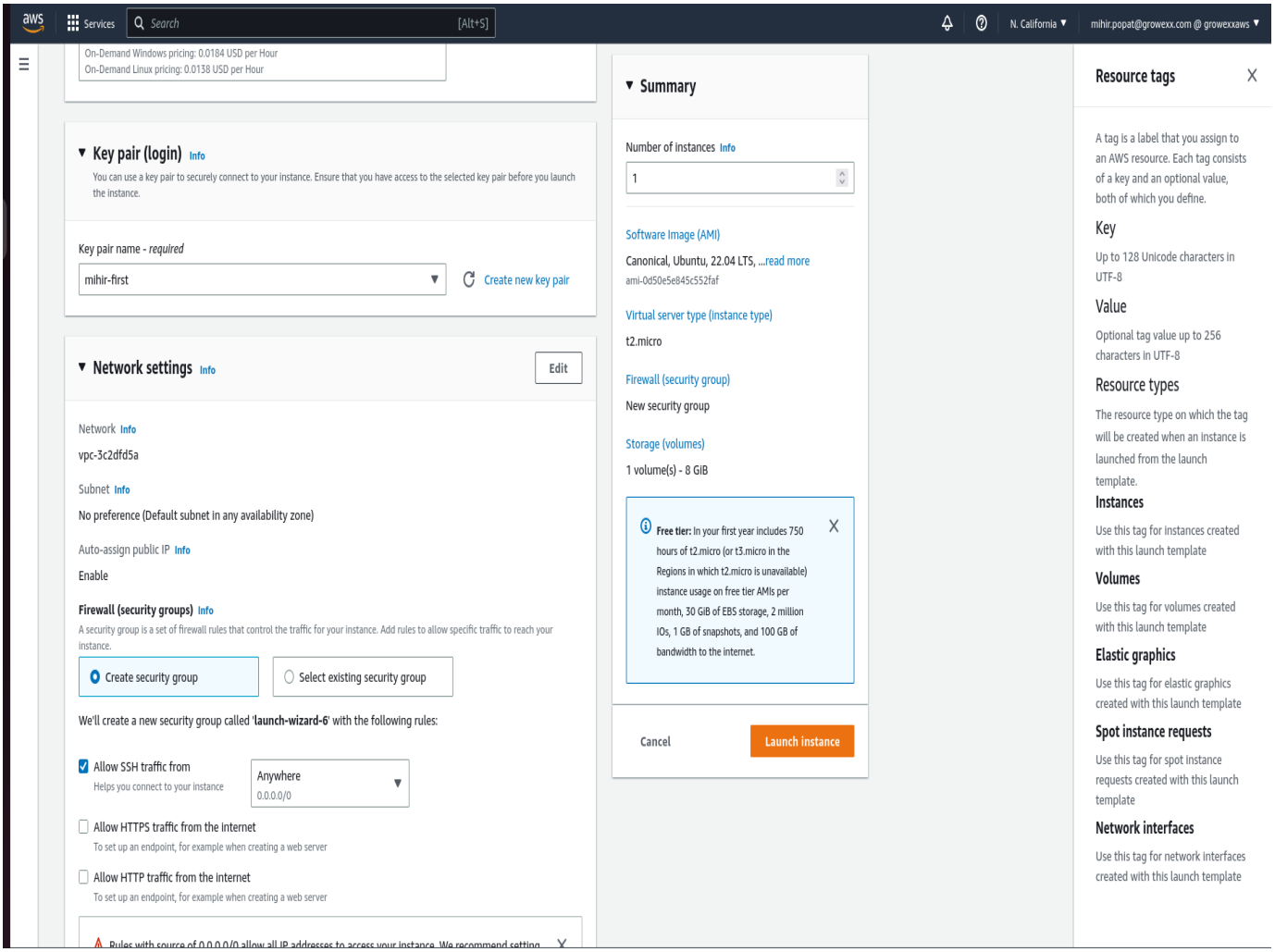
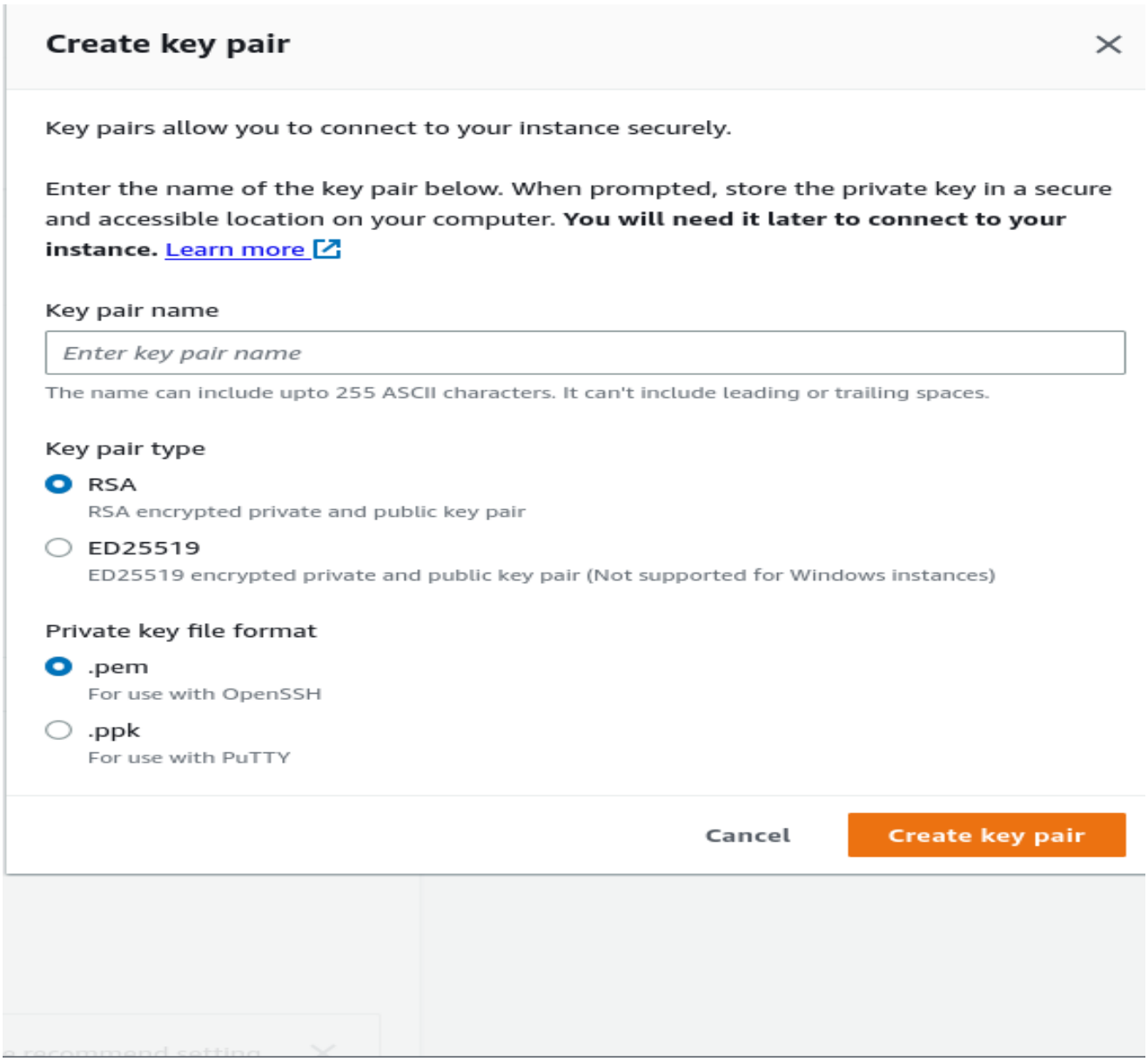
mihir.popat@growexx.com @ growexxaws
Search our full catalog including 1000s of application and OS images
Quick Start
Amazon Linux
Ubuntu
Windows
Red Hat
SUSE Linux
Browse more AMIs
Including AMIs from AWS, Marketplace and the Community
Amazon Machine Image (AMI)
Ubuntu Server 22.04 LTS (HVM), SSD Volume Type
Free tier eligible
ami-0d50e5e845c552faf (64-bit (x86)) / ami-0485d4697e1d71df8 (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs
Description
Canonical, Ubuntu, 22.04 LTS, amd64 jammy image build on 2023-02-08
Architecture
AMI ID
64-bit (x86)
ami-0d50e5e845c552faf
Verified provider
Instance type Info
Instance type
t2.micro
Free tier eligible
Family: t2 1 vCPU 1 GiB Memory
On-Demand RHEL pricing: 0.0738 USD per Hour
On-Demand SUSE pricing: 0.0138 USD per Hour
On-Demand Windows pricing: 0.0184 USD per Hour
On-Demand Linux pricing: 0.0138 USD per Hour
Compare instance types
Summary
Number of Instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...read more
ami-0d50e5e845c552faf
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
Resource tags
A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value, both of which you define.
Key
Up to 128 Unicode characters in UTF-8
Value
Optional tag value up to 256 characters in UTF-8
Resource types
The resource type on which the tag will be created when an instance is launched from the launch template.
Instances
Use this tag for instances created with this launch template
Volumes
Use this tag for volumes created with this launch template
Elastic graphics
Use this tag for elastic graphics created with this launch template
Spot instance requests
Use this tag for spot instance requests created with this launch template
Network interfaces
Use this tag for network interfaces created with this launch template

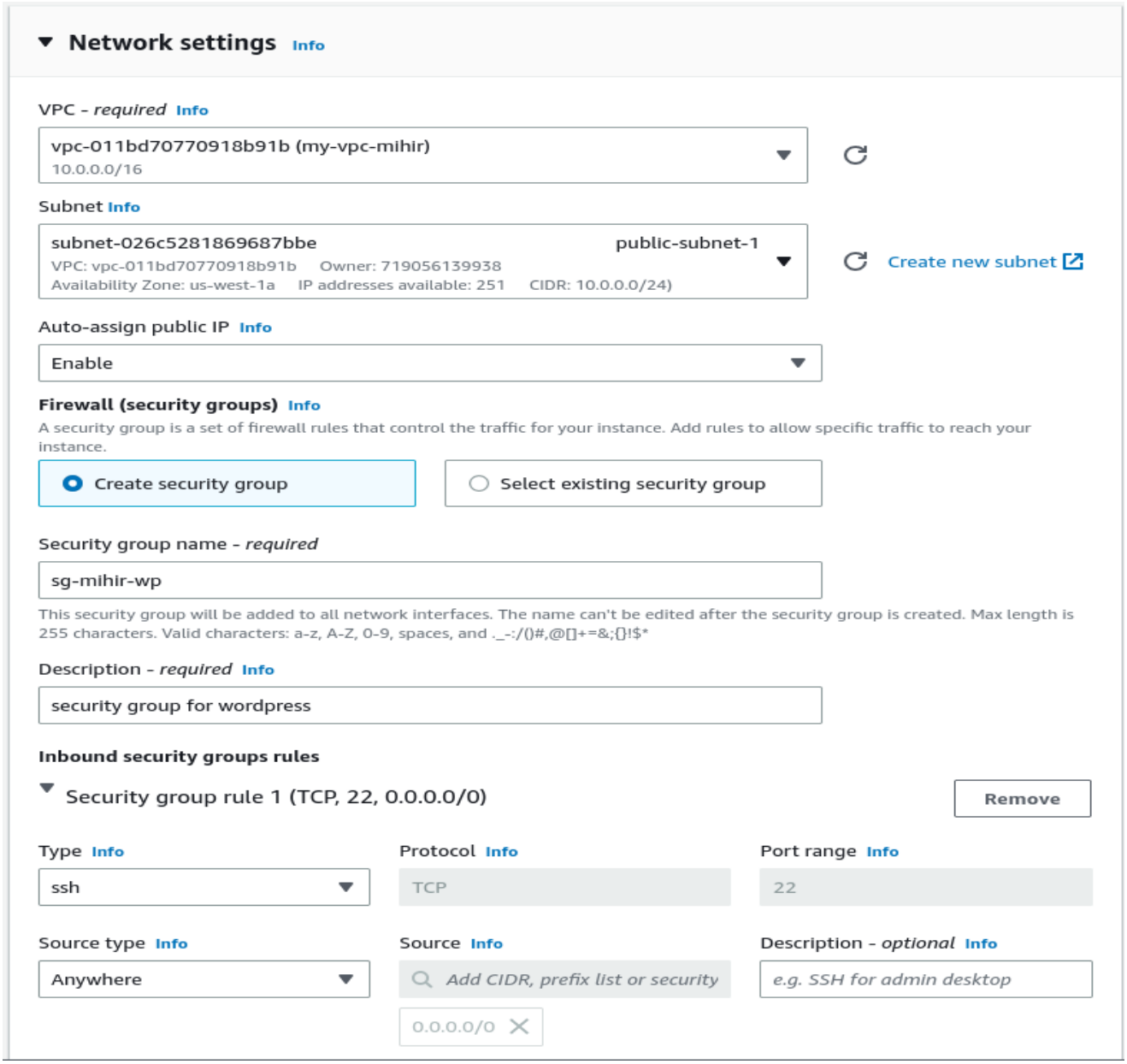


Now if key pair not created create it and save it .



In the network setting select the VPC already created and select the public subnet already created and create security group if not create and assign rule to it and write detail description to it

.



Also Add security group rules

security group for wordpress

Inbound security groups rules

▼ Security group rule 1 (TCP, 22, 0.0.0.0/0) — Remove

Type Info	Protocol Info	Port range Info
ssh	TCP	22

Source type Info	Source Info	Description - *optional* Info
Anywhere	Add CIDR, prefix list or security	e.g. SSH for admin desktop
	0.0.0.0/0 ✕	

▼ Security group rule 2 (TCP, 80, Multiple sources) — Remove

Type Info	Protocol Info	Port range Info
HTTP	TCP	80

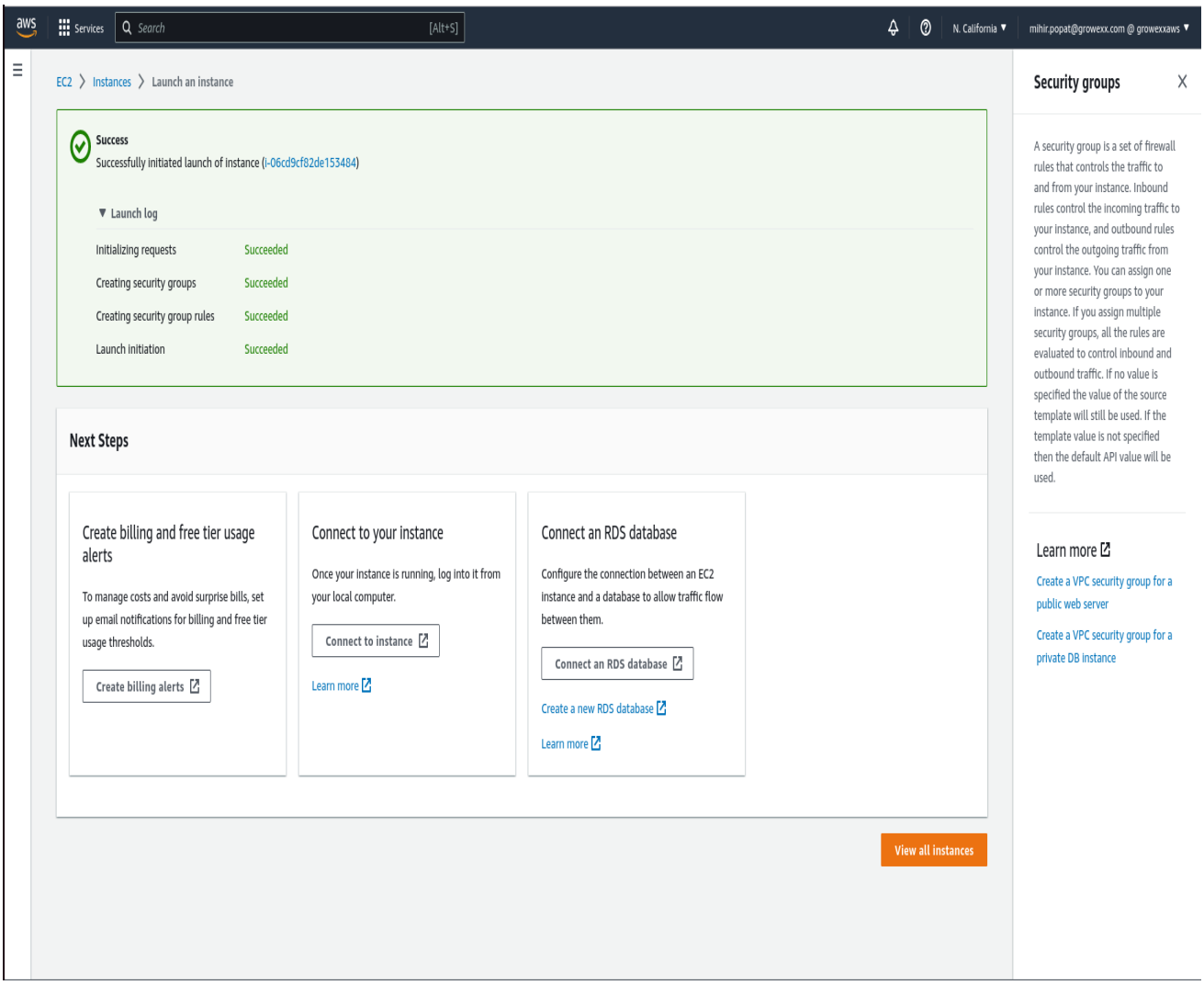
Source type Info	Source Info	Description - *optional* Info
Custom	Add CIDR, prefix list or sec...	e.g. SSH for admin desktop
	0.0.0.0/0 ✕ ::/0 ✕	

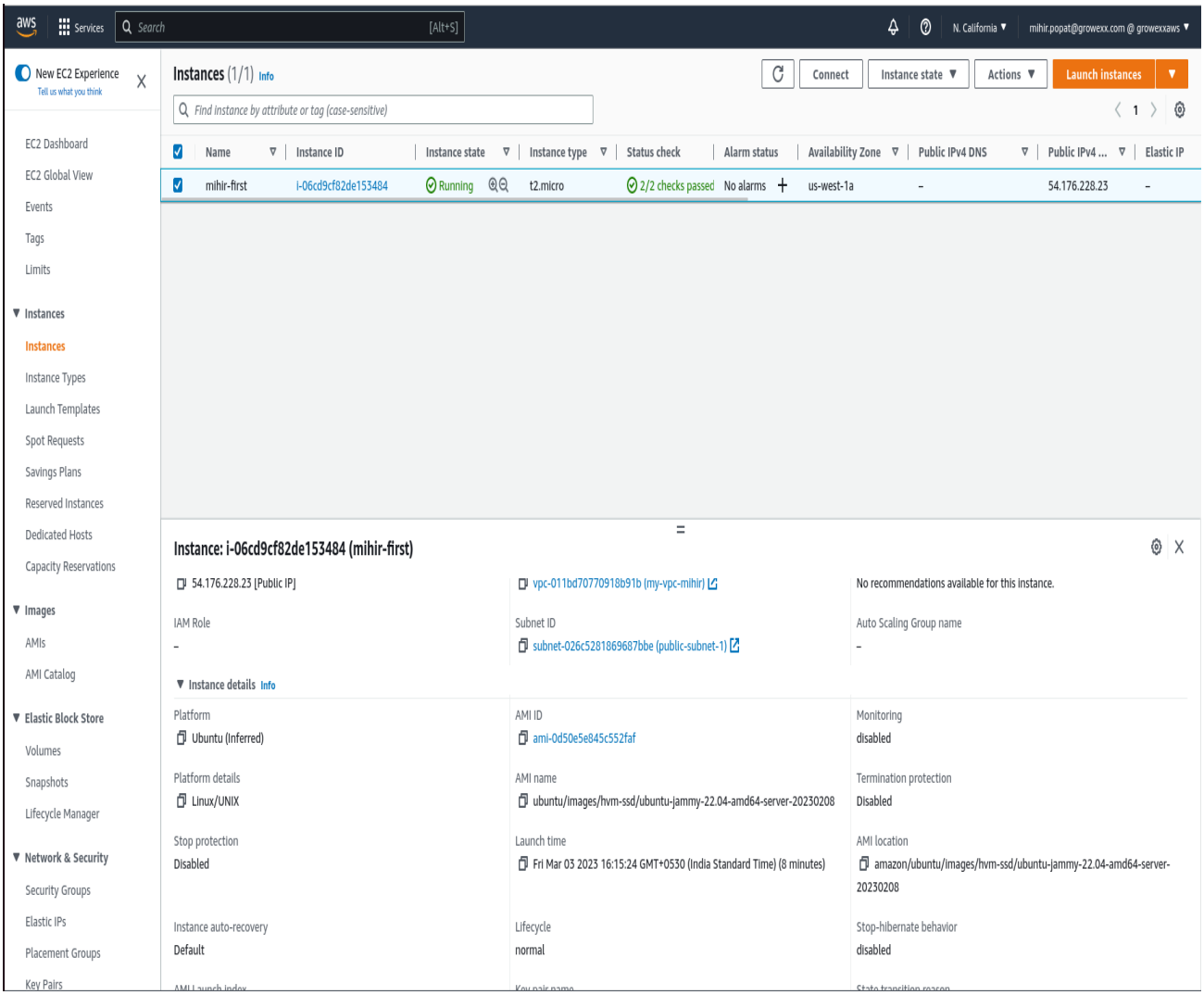
▼ Security group rule 3 (TCP, 443, Multiple sources) — Remove

Type Info	Protocol Info	Port range Info
HTTPS	TCP	443

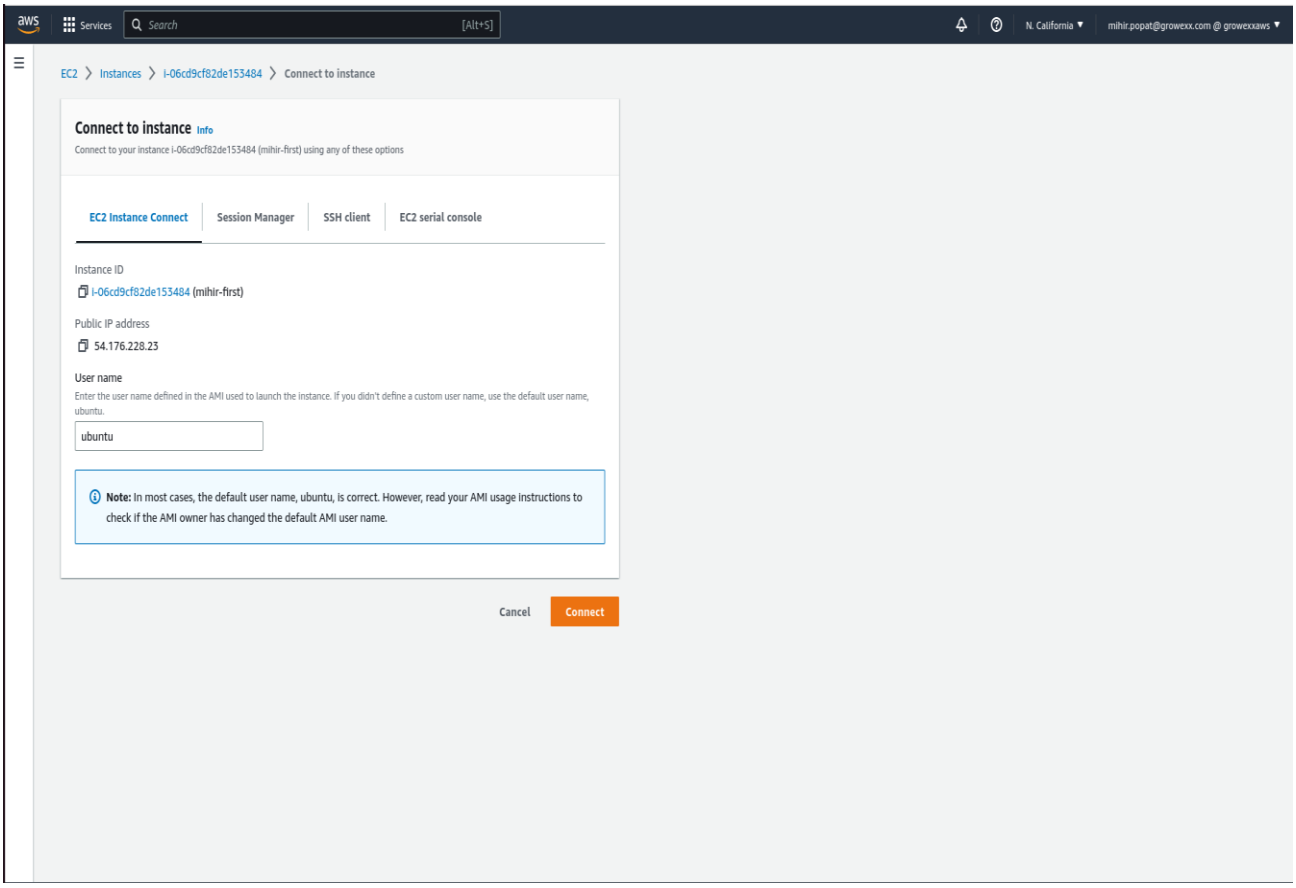
Source type Info	Source Info	Description - *optional* Info
Custom	Add CIDR, prefix list or security	e.g. SSH for admin desktop
	0.0.0.0/0 ✕ ::/0 ✕	

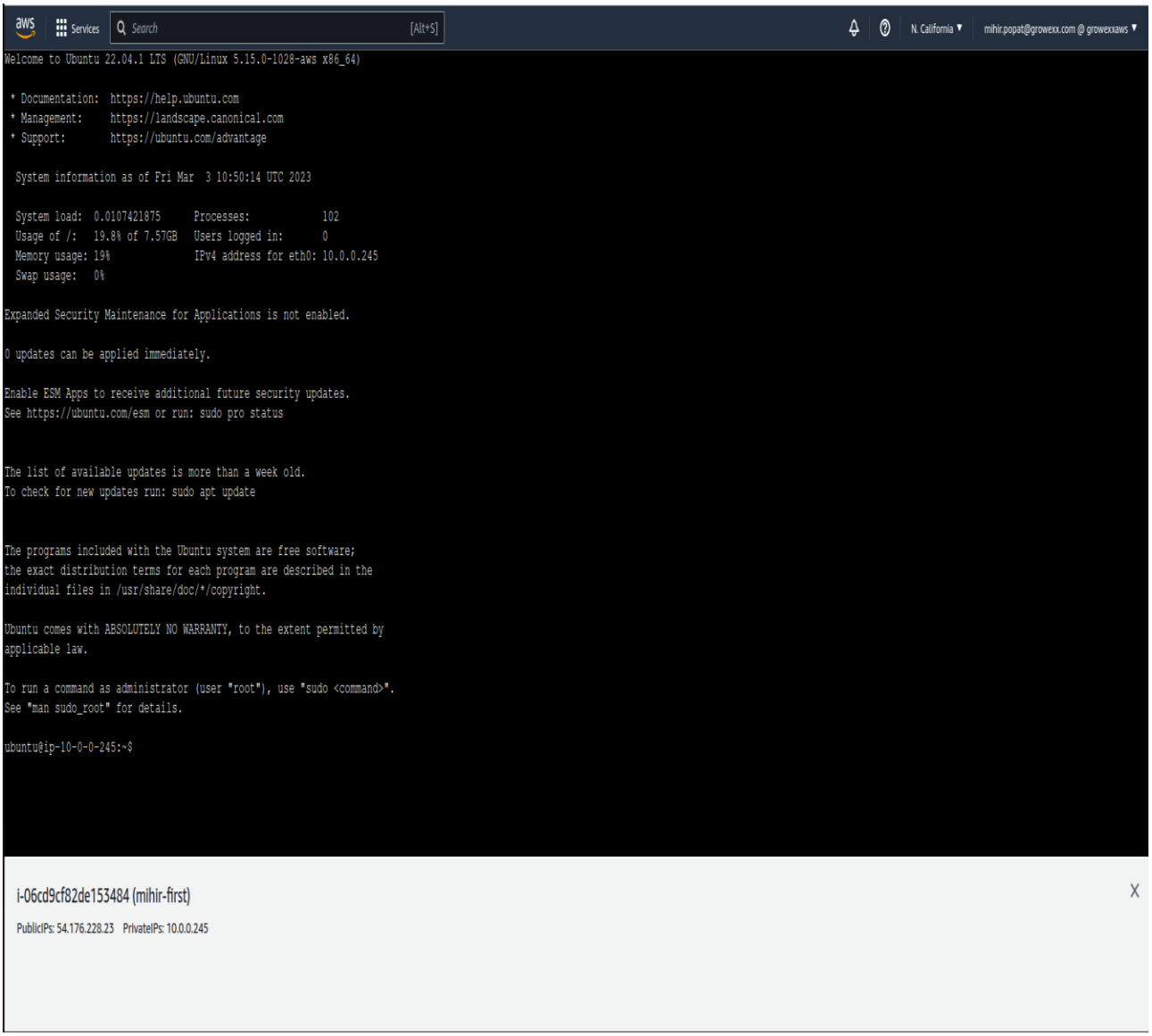
⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting ✕


aws
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
EC2 > Instances > Launch an instance
Success
Successfully initiated launch of instance (i-06cd9cf82de153484)
▼ Launch log
Initializing requests Succeeded
Creating security groups Succeeded
Creating security group rules Succeeded
Launch initiation Succeeded
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
Security groups
A security group is a set of firewall rules that controls the traffic to and from your instance. Inbound rules control the incoming traffic to your instance, and outbound rules control the outgoing traffic from your instance. You can assign one or more security groups to your instance. If you assign multiple security groups, all the rules are evaluated to control inbound and outbound traffic. If no value is specified the value of the source template will still be used. If the template value is not specified then the default API value will be used.
Learn more
Create a VPC security group for a public web server
Create a VPC security group for a private DB instance



Now connect to instance


aws
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
EC2 > Instances > i-06cd9cf82de153484 > Connect to instance
Connect to instance Info
Connect to your instance i-06cd9cf82de153484 (mihir-first) using any of these options
EC2 Instance Connect
Session Manager
SSH client
EC2 serial console
Instance ID
i-06cd9cf82de153484 (mihir-first)
Public IP address
54.176.228.23
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, ubuntu.
ubuntu
Note: In most cases, the default user name, ubuntu, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.
Cancel
Connect

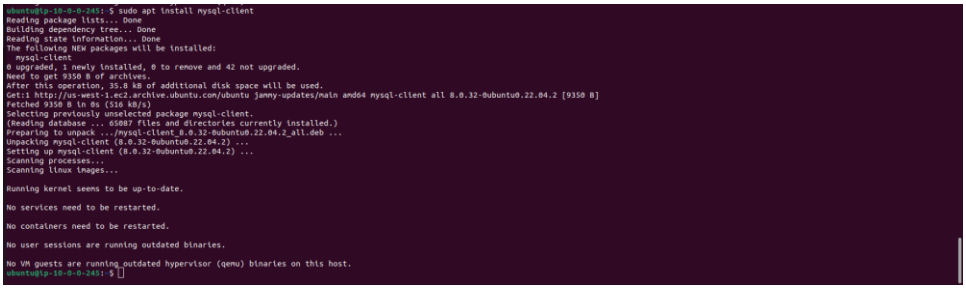

aws
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1028-aws x86_64)
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage
System information as of Fri Mar 3 10:50:14 UTC 2023
System load: 0.0107421875 Processes: 102
Usage of /: 19.8% of 7.57GB Users logged in: 0
Memory usage: 19% IPv4 address for eth0: 10.0.0.245
Swap usage: 0%
Expanded Security Maintenance for Applications is not enabled.
0 updates can be applied immediately.
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
The list of available updates is more than a week old.
To check for new updates run: sudo apt update
The programs included with the Ubuntu system are free software;
the exact distribution terms for each program are described in the
individual files in /usr/share/doc/*/copyright.
Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by
applicable law.
To run a command as administrator (user "root"), use "sudo <command>".
See "man sudo_root" for details.
ubuntu@ip-10-0-0-245:~$
i-06cd9cf82de153484 (mihir-first)
PublicIPs: 54.176.228.23 PrivateIPs: 10.0.0.245
X

```
growlt216@growlt216:~$ cd Downloads
growlt216@growlt216:~/Downloads$ sudo chmod 400 mihir-first.pem
[sudo] password for growlt216:
growlt216@growlt216:~/Downloads$ ssh -i "mihir-first.pem" ubuntu@54.176.228.23
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1028-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

  System information as of Fri Mar  3 12:16:32 UTC 2023

  System load:  0.0               Processes:           105
  Usage of /:   23.7% of 7.57GB   Users logged in:     1
  Memory usage: 26%               IPv4 address for eth0: 10.0.0.245
  Swap usage:   0%

 * Ubuntu Pro delivers the most comprehensive open source security and
   compliance features.

   https://ubuntu.com/aws/pro

 * Introducing Expanded Security Maintenance for Applications.
   Receive updates to over 25,000 software packages with your
   Ubuntu Pro subscription. Free for personal use.

     https://ubuntu.com/aws/pro

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status


Last login: Fri Mar  3 11:58:15 2023 from 13.52.6.116
ubuntu@ip-10-0-0-245:~$
```

```
ubuntu@ip-10-0-0-245:~$ exit
logout
Connection to 54.176.228.23 closed.
growlt216@growlt216:~/Downloads$ sudo chmod 600 mihir-first.pem
growlt216@growlt216:~/Downloads$ ssh -i "mihir-first.pem" ubuntu@54.176.228.23
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1028-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/advantage

  System information as of Fri Mar  3 12:20:28 UTC 2023

  System load:  0.0               Processes:             103
  Usage of /:   23.7% of 7.57GB   Users logged in:       1
  Memory usage: 26%               IPv4 address for eth0: 10.0.0.245
  Swap usage:   0%

 * Ubuntu Pro delivers the most comprehensive open source security and
   compliance features.

   https://ubuntu.com/aws/pro

 * Introducing Expanded Security Maintenance for Applications.
   Receive updates to over 25,000 software packages with your
   Ubuntu Pro subscription. Free for personal use.

     https://ubuntu.com/aws/pro

Expanded Security Maintenance for Applications is not enabled.

0 updates can be applied immediately.

Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status


Last login: Fri Mar  3 12:16:33 2023 from 122.169.119.120
ubuntu@ip-10-0-0-245:~$
```

```
ubuntu@ip-10-0-0-245:~$ sudo apt update
Hit:1 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy InRelease
Get:2 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates InRelease [119 kB]
Get:3 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-backports InRelease [107 kB]
Hit:4 http://security.ubuntu.com/ubuntu jammy-security InRelease
Fetched 226 kB in 1s (366 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
42 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-10-0-0-245:~$
```

```
ubuntu@ip-10-0-0-245:~$ sudo apt install mysql-server
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
  libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0
  mysql-client-core-8.0 mysql-common mysql-server-8.0 mysql-server-core-8.0
Suggested packages:
  libdata-dump-perl libipc-sharedcache-perl libbusiness-isbn-perl libwww-perl mailx tinyca
The following NEW packages will be installed:
  libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
  libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils mysql-client-8.0
  mysql-client-core-8.0 mysql-common mysql-server mysql-server-8.0 mysql-server-core-8.0
0 upgraded, 28 newly installed, 0 to remove and 42 not upgraded.
Need to get 29.5 MB of archives.
After this operation, 242 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
```




```
ubuntu@ip-10-0-0-245:~$ sudo service apache2 start
ubuntu@ip-10-0-0-245:~$ sudo mysql -u root
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 8
Server version: 8.0.32-0ubuntu0.22.04.2 (Ubuntu)

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affiliates. Other names may be trademarks of their respective
owners.

Type 'help;' or '\h' for help. Type '\c' to clear the current input statement.

mysql>
```

```
mysql> CREATE USER 'mihir'@'localhost' IDENTIFIED BY 'Password';
Query OK, 0 rows affected (0.03 sec)

mysql>
```

```
mysql> GRANT ALL PRIVILEGES ON *.* TO 'mihir'@'localhost';
Query OK, 0 rows affected (0.00 sec)

mysql>
```

```
mysql> FLUSH PRIVILEGES;
Query OK, 0 rows affected (0.00 sec)

mysql>
```

```
mysql> CREATE DATABASE wpdb;
Query OK, 1 row affected (0.01 sec)

mysql>
```

```
mysql> SHOW DATABASES;
+--------------------+
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| sys                |
| wpdb               |
+--------------------+
5 rows in set (0.01 sec)

mysql>
```

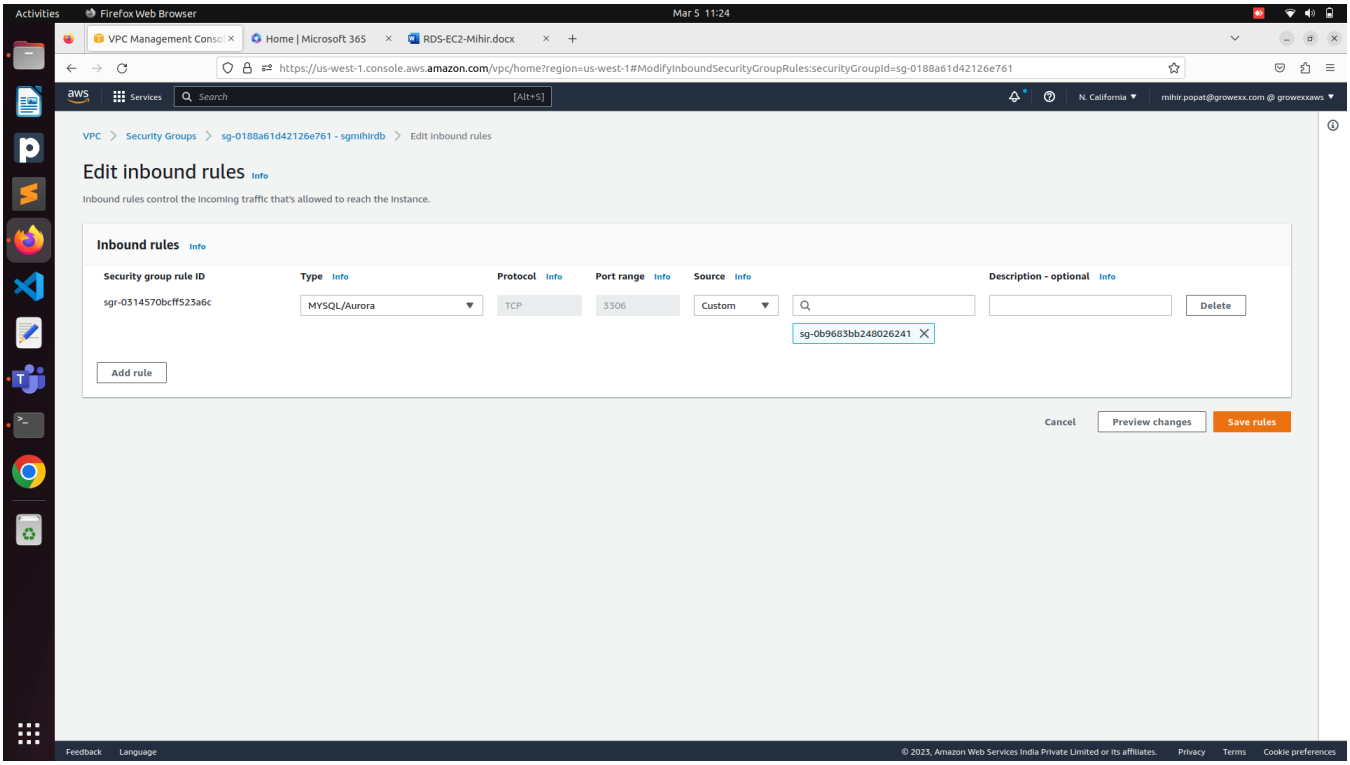
```
| Database           |
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| sys                |
| wpdb               |
+--------------------+
5 rows in set (0.01 sec)

mysql> EXIT;
Bye
ubuntu@ip-10-0-0-245:~$
```

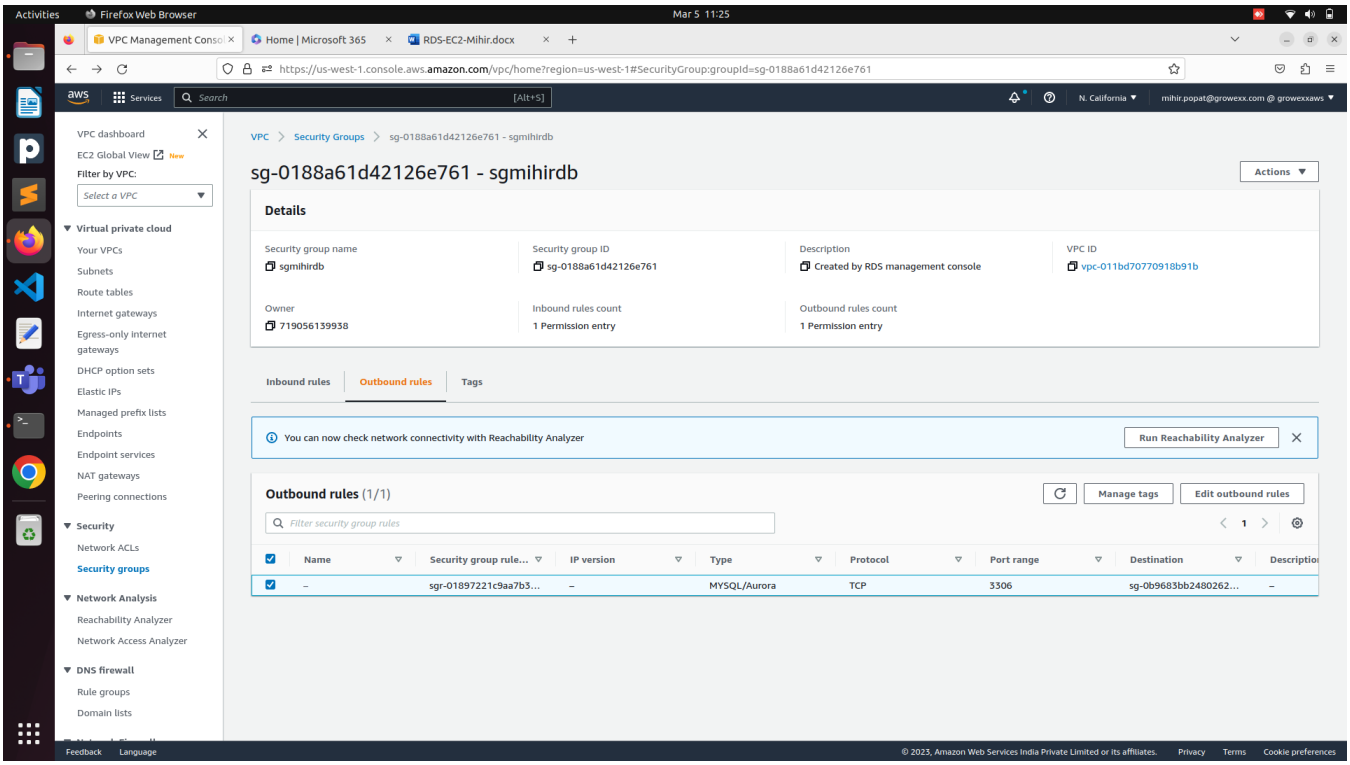
```
+--------------------+
| information_schema |
| mysql              |
| performance_schema |
| sys                |
| wpdb               |
+--------------------+
5 rows in set (0.01 sec)

mysql> EXIT;
Bye
ubuntu@ip-10-0-0-245:~$ sudo service mysql start
ubuntu@ip-10-0-0-245:~$
```

```
| information_schema |
| mysql              |
| performance_schema |
| sys                |
| wpdb               |
+--------------------+
5 rows in set (0.01 sec)

mysql> EXIT;
Bye
ubuntu@ip-10-0-0-245:~$ sudo service mysql start
ubuntu@ip-10-0-0-245:~$ sudo cp -r wordpress/* /var/www/html
ubuntu@ip-10-0-0-245:~$
```

```
ubuntu@ip-10-0-0-245:~$ sudo apt install php8.1-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  php8.1-mysql
0 upgraded, 1 newly installed, 0 to remove and 42 not upgraded.
Need to get 130 kB of archives.
After this operation, 462 kB of additional disk space will be used.
Get:1 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 php8.1-mysql amd64 8.1.2-1ubuntu2.11 [130 kB]
Fetched 130 kB in 0s (6564 kB/s)
Selecting previously unselected package php8.1-mysql.
(Reading database ... 65089 files and directories currently installed.)
Preparing to unpack .../php8.1-mysql_8.1.2-1ubuntu2.11_amd64.deb ...
Unpacking php8.1-mysql (8.1.2-1ubuntu2.11) ...
Setting up php8.1-mysql (8.1.2-1ubuntu2.11) ...

Creating config file /etc/php/8.1/mods-available/mysqlnd.ini with new version

Creating config file /etc/php/8.1/mods-available/mysqli.ini with new version

Creating config file /etc/php/8.1/mods-available/pdo_mysql.ini with new version
Processing triggers for php8.1-cli (8.1.2-1ubuntu2.11) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-10-0-0-245:~$
```

```
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following NEW packages will be installed:
  php8.1-mysql
0 upgraded, 1 newly installed, 0 to remove and 42 not upgraded.
Need to get 130 kB of archives.
After this operation, 462 kB of additional disk space will be used.
Get:1 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 php8.1-mysql amd64 8.1.2-1ubuntu2.11 [130 kB]
Fetched 130 kB in 0s (6564 kB/s)
Selecting previously unselected package php8.1-mysql.
(Reading database ... 65089 files and directories currently installed.)
Preparing to unpack .../php8.1-mysql_8.1.2-1ubuntu2.11_amd64.deb ...
Unpacking php8.1-mysql (8.1.2-1ubuntu2.11) ...
Setting up php8.1-mysql (8.1.2-1ubuntu2.11) ...

Creating config file /etc/php/8.1/mods-available/mysqlnd.ini with new version

Creating config file /etc/php/8.1/mods-available/mysqli.ini with new version

Creating config file /etc/php/8.1/mods-available/pdo_mysql.ini with new version
Processing triggers for php8.1-cli (8.1.2-1ubuntu2.11) ...
Scanning processes...
Scanning linux images...

Running kernel seems to be up-to-date.

No services need to be restarted.

No containers need to be restarted.

No user sessions are running outdated binaries.

No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-10-0-0-245:~$ sudo chown -R www-data:www-data /var/www/html
ubuntu@ip-10-0-0-245:~$
```




Activities
Firefox Web Browser
Mar 5 11:25
VPC Management Conso
Home | Microsoft 365
RDS-EC2-Mihir.docx
https://us-west-1.console.aws.amazon.com/vpc/home?region=us-west-1#SecurityGroup:groupId=sg-0188a61d42126e761
Services
Search
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N. California
mihir.popat@growexx.com @ growexxaws
VPC dashboard
EC2 Global View
New
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
Endpoints
Endpoint services
NAT gateways
Peering connections
Security
Network ACLs
Security groups
Network Analysis
Reachability Analyzer
Network Access Analyzer
DNS firewall
Rule groups
Domain lists
VPC > Security Groups > sg-0188a61d42126e761 - sgmihirdb
sg-0188a61d42126e761 - sgmihirdb
Actions
Details
Security group name
sgmihirdb
Security group ID
sg-0188a61d42126e761
Description
Created by RDS management console
VPC ID
vpc-011bd70770918b91b
Owner
719056139938
Inbound rules count
1 Permission entry
Outbound rules count
1 Permission entry
Inbound rules
Outbound rules
Tags
You can now check network connectivity with Reachability Analyzer
Run Reachability Analyzer
Outbound rules (1/1)
Manage tags
Edit outbound rules
Filter security group rules
Name
Security group rule...
IP version
Type
Protocol
Port range
Destination
Description
–
sgr-01897221c9aa7b3...
–
MYSQL/Aurora
TCP
3306
sg-0b9683bb2480262...
–
Feedback
Language
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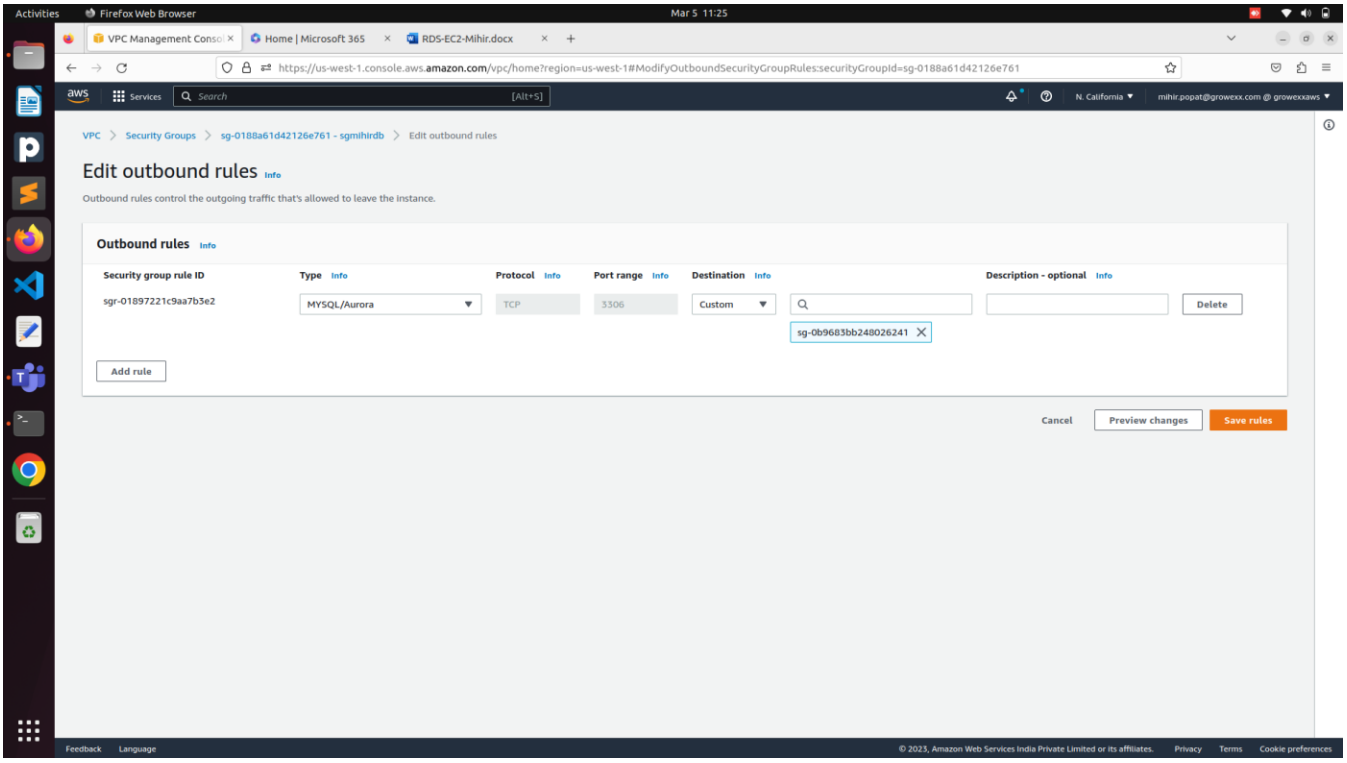
Terms
Cookie preferences


Activities
Firefox Web Browser
Mar 5 11:25
VPC Management Conso
Home | Microsoft 365
RDS-EC2-Mihir.docx
https://us-west-1.console.aws.amazon.com/vpc/home?region=us-west-1#ModifyOutboundSecurityGroupRules:securityGroupId=sg-0188a61d42126e761
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
VPC > Security Groups > sg-0188a61d42126e761 - sgmihirdb > Edit outbound rules
Edit outbound rules
Info
Outbound rules control the outgoing traffic that's allowed to leave the instance.
Outbound rules
Info
Security group rule ID
Type
Info
Protocol
Info
Port range
Info
Destination
Info
Description - optional
Info
sgr-01897221c9aa7b3e2
MYSQL/Aurora
TCP
3306
Custom
sg-0b9683bb248026241
Delete
Add rule
Cancel
Preview changes
Save rules
Feedback
Language
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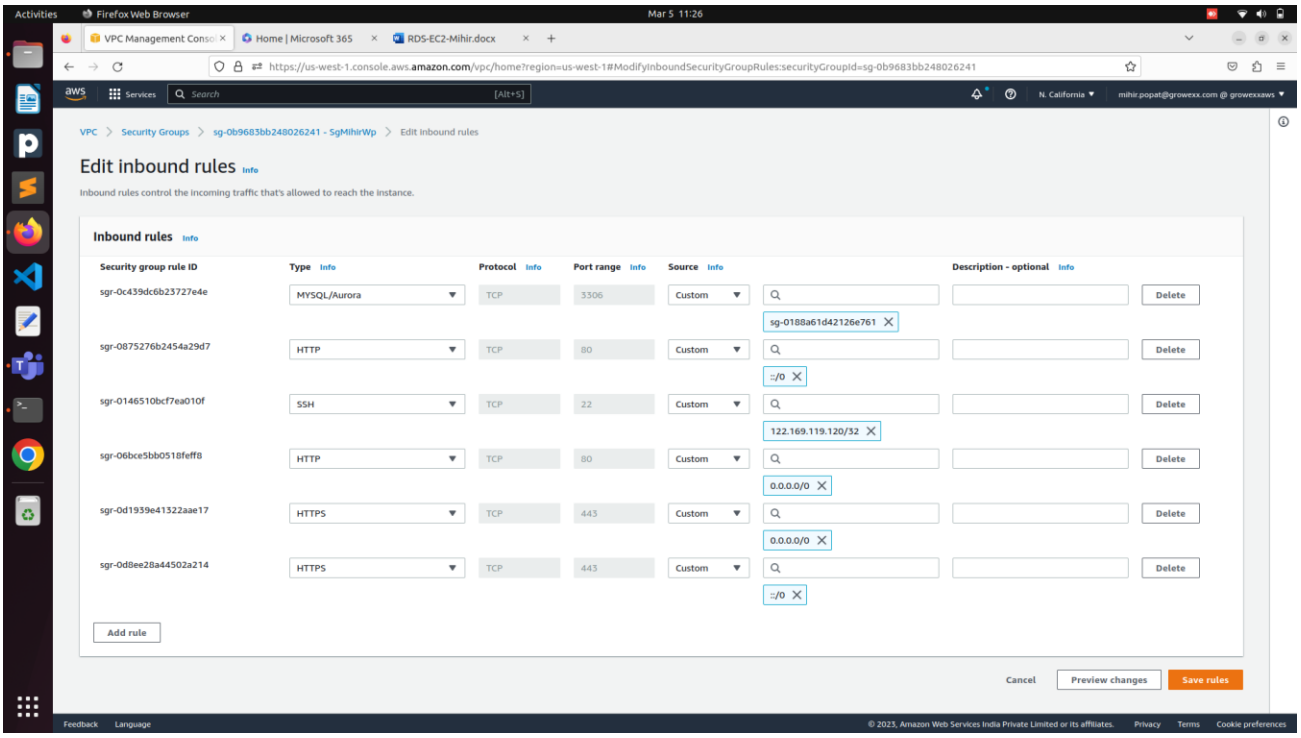
Activities
Firefox Web Browser
Mar 5 11:26
VPC Management Conso
Home | Microsoft 365
RDS-EC2-Mihir.docx
https://us-west-1.console.aws.amazon.com/vpc/home?region=us-west-1#ModifyInboundSecurityGroupRules:securityGroupId=sg-0b9683bb248026241
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
VPC > Security Groups > sg-0b9683bb248026241 - SgMihirWp > Edit inbound rules
Edit inbound rules Info
Inbound rules control the incoming traffic that's allowed to reach the instance.
Inbound rules Info
Security group rule ID
Type Info
Protocol Info
Port range Info
Source Info
Description - optional Info
sgr-0c439dc6b23727e4e
MYSQL/Aurora
TCP
3306
Custom
sg-0188a61d42126e761
Delete
sgr-0875276b2454a29d7
HTTP
TCP
80
Custom
::/0
Delete
sgr-0146510bcf7ea010f
SSH
TCP
22
Custom
122.169.119.120/32
Delete
sgr-06bce5bb0518feff8
HTTP
TCP
80
Custom
0.0.0.0/0
Delete
sgr-0d1939e41322aae17
HTTPS
TCP
443
Custom
0.0.0.0/0
Delete
sgr-0d8ee28a44502a214
HTTPS
TCP
443
Custom
::/0
Delete
Add rule
Cancel
Preview changes
Save rules
Feedback
Language
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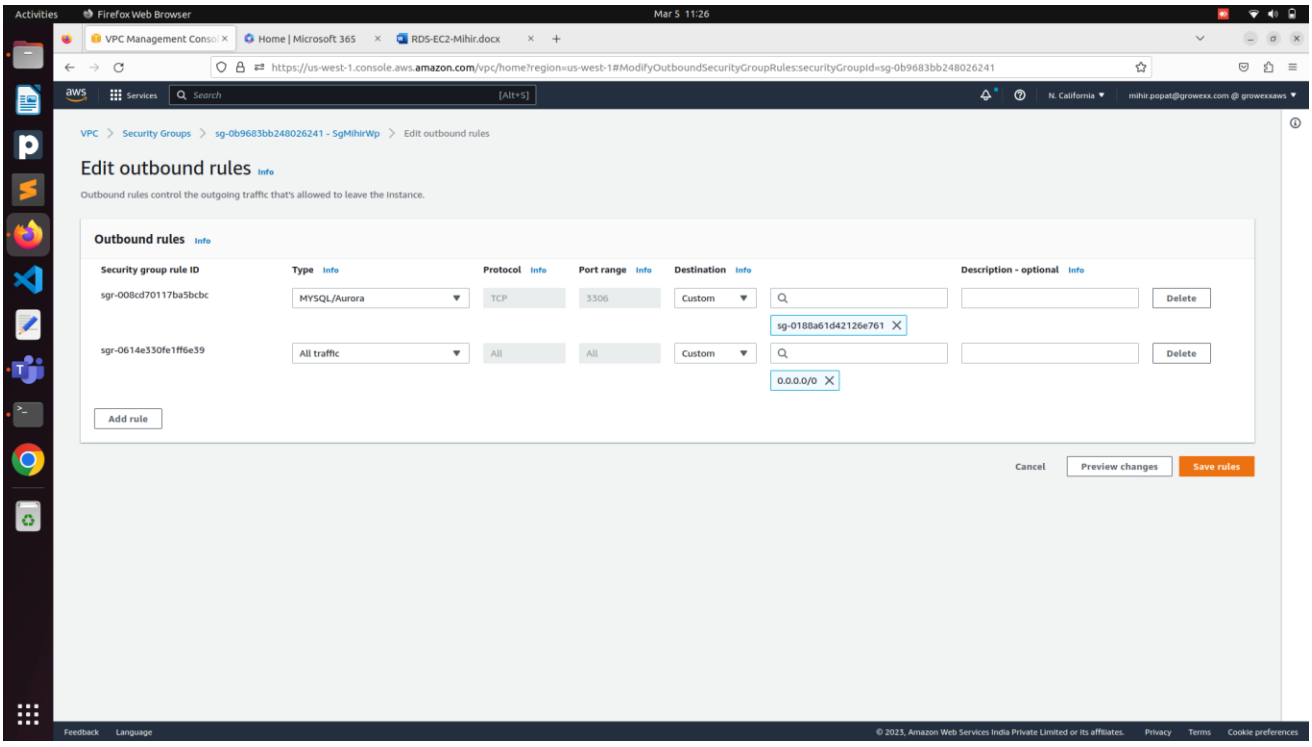
Cookie preferences


Activities
Firefox Web Browser
Mar 5 11:26
VPC Management Conso
Home | Microsoft 365
RDS-EC2-Mihir.docx
https://us-west-1.console.aws.amazon.com/vpc/home?region=us-west-1#ModifyOutboundSecurityGroupRules:securityGroupId=sg-0b9683bb248026241
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
VPC > Security Groups > sg-0b9683bb248026241 - SgMihirWp > Edit outbound rules
Edit outbound rules Info
Outbound rules control the outgoing traffic that's allowed to leave the instance.
Outbound rules Info
Security group rule ID
Type Info
Protocol Info
Port range Info
Destination Info
Description - optional Info
sgr-008cd70117ba5bcbc
MYSQL/Aurora
TCP
3306
Custom
sg-0188a61d42126e761
Delete
sgr-0614e330fe1ff6e39
All traffic
All
All
Custom
0.0.0.0/0
Delete
Add rule
Cancel
Preview changes
Save rules
Feedback
Language
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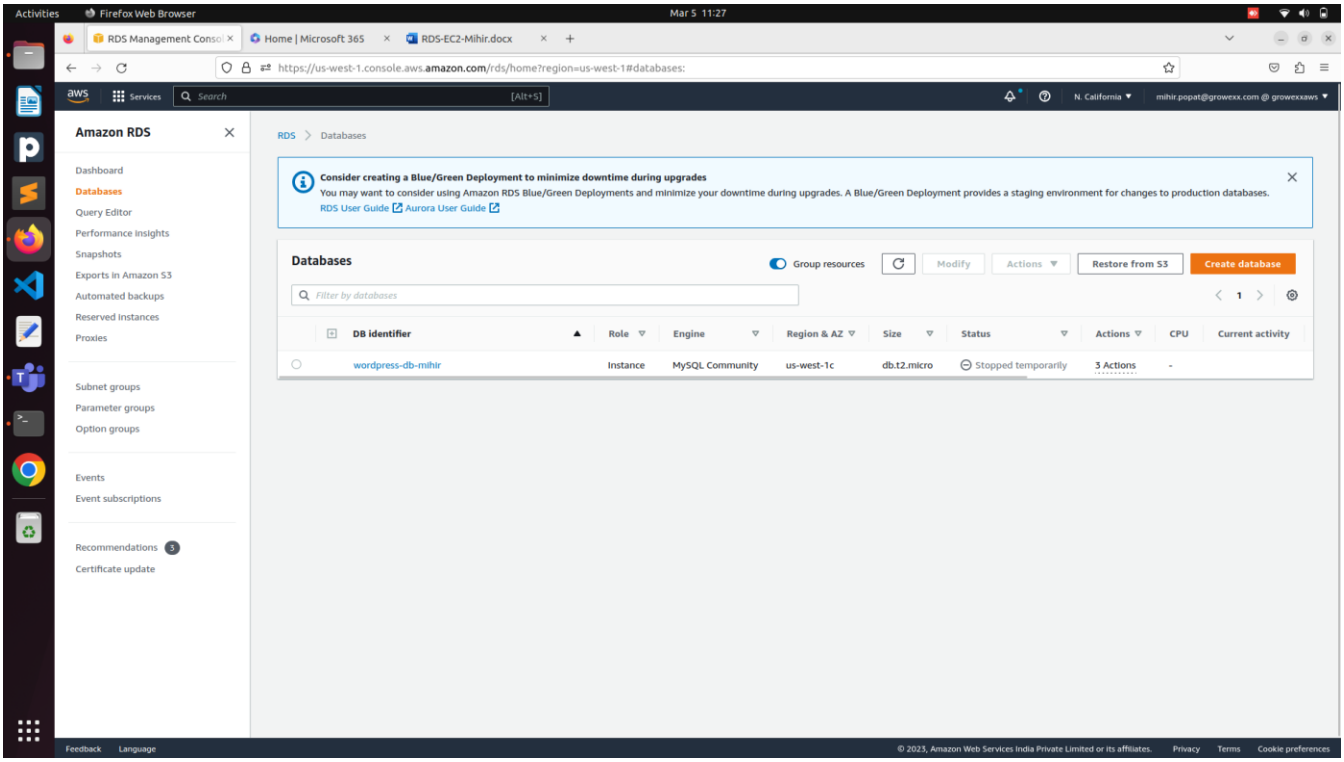
Activities
Firefox Web Browser
Mar 5 11:27
RDS Management Consol
Home | Microsoft 365
RDS-EC2-Mihir.docx
https://us-west-1.console.aws.amazon.com/rds/home?region=us-west-1#databases:
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
Amazon RDS
Dashboard
Databases
Query Editor
Performance Insights
Snapshots
Exports in Amazon S3
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Events
Event subscriptions
Recommendations 3
Certificate update
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
wordpress-db-mihir
Instance
MySQL Community
us-west-1c
db.t2.micro
Stopped temporarily
3 Actions
Feedback
Language
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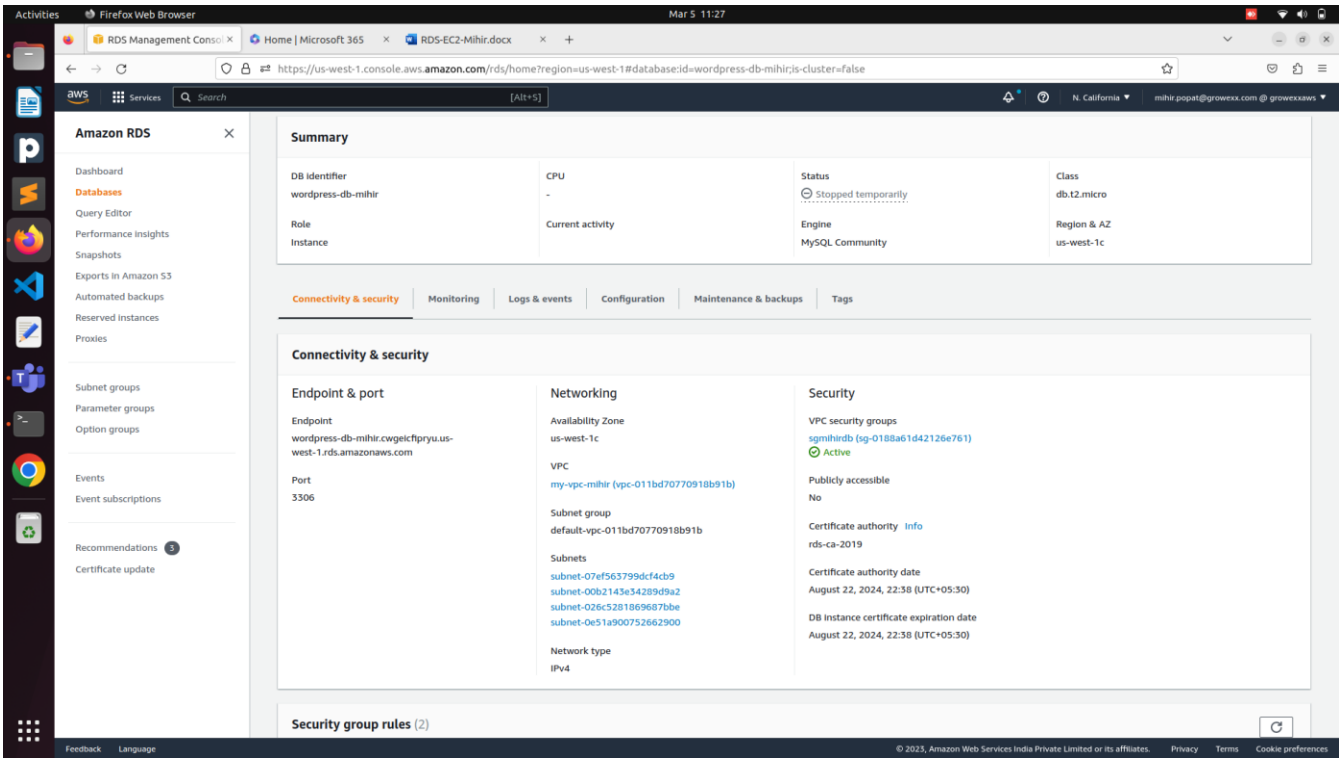
Cookie preferences


Activities
Firefox Web Browser
Mar 5 11:27
RDS Management Consol
Home | Microsoft 365
RDS-EC2-Mihir.docx
https://us-west-1.console.aws.amazon.com/rds/home?region=us-west-1#database:id=wordpress-db-mihir;is-cluster=false
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
Amazon RDS
Dashboard
Databases
Query Editor
Performance Insights
Snapshots
Exports in Amazon S3
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Events
Event subscriptions
Recommendations 3
Certificate update
Summary
DB identifier
wordpress-db-mihir
CPU
-
Status
Stopped temporarily
Class
db.t2.micro
Role
Instance
Current activity
Engine
MySQL Community
Region & AZ
us-west-1c
Connectivity & security
Monitoring
Logs & events
Configuration
Maintenance & backups
Tags
Connectivity & security
Endpoint & port
Endpoint
wordpress-db-mihir.cwgeicflpryu.us-west-1.rds.amazonaws.com
Port
3306
Networking
Availability Zone
us-west-1c
VPC
my-vpc-mihir (vpc-011bd70770918b91b)
Subnet group
default-vpc-011bd70770918b91b
Subnets
subnet-07ef563799dcf4cb9
subnet-00b2143e34289d9a2
subnet-026c5281869687bbe
subnet-0e51a900752662900
Network type
IPv4
Security
VPC security groups
sgmihirdb (sg-0188a61d42126e761)
Active
Publicly accessible
No
Certificate authority Info
rds-ca-2019
Certificate authority date
August 22, 2024, 22:38 (UTC+05:30)
DB instance certificate expiration date
August 22, 2024, 22:38 (UTC+05:30)
Security group rules (2)
Feedback
Language
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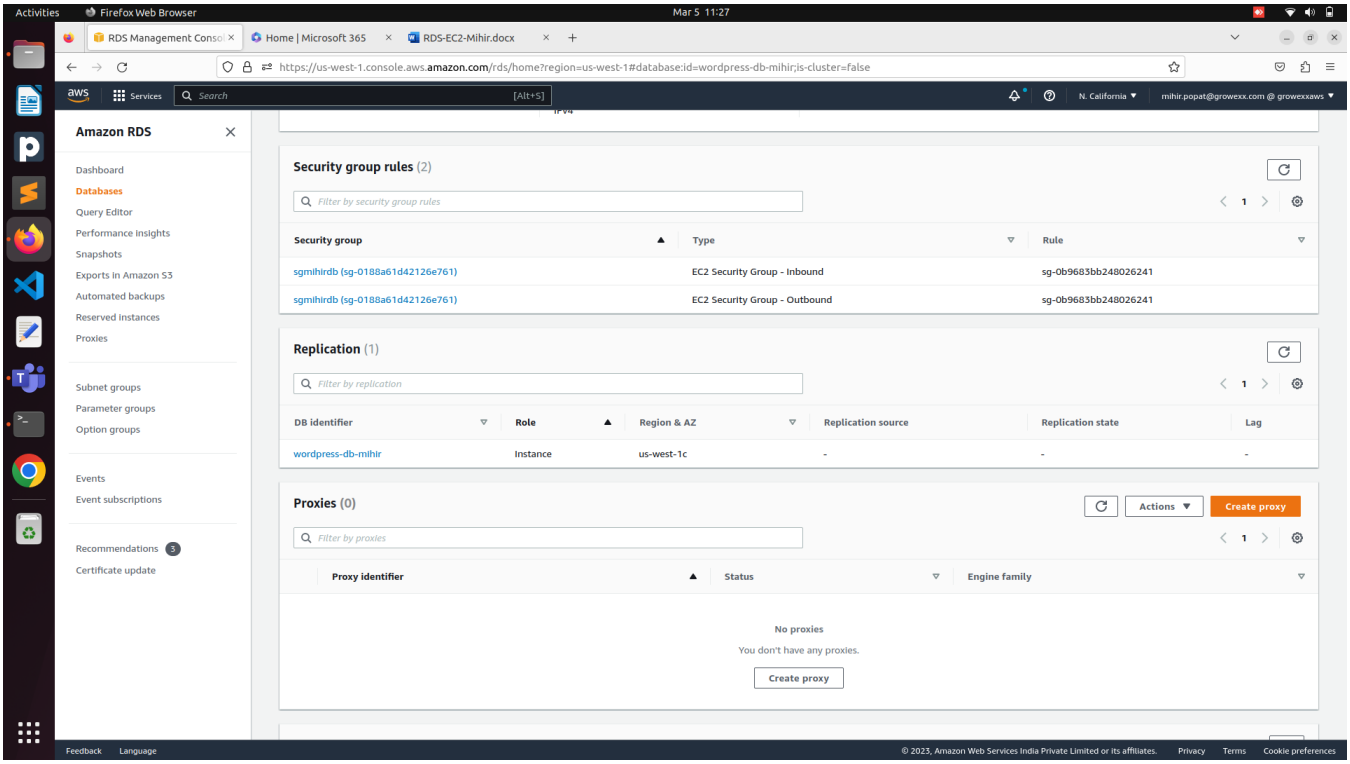
Activities
Firefox Web Browser
Mar 5 11:27
RDS Management Conso
Home | Microsoft 365
RDS-EC2-Mihir.docx
https://us-west-1.console.aws.amazon.com/rds/home?region=us-west-1#database:id=wordpress-db-mihir;is-cluster=false
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
Amazon RDS
Dashboard
Databases
Query Editor
Performance Insights
Snapshots
Exports in Amazon S3
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Events
Event subscriptions
Recommendations 3
Certificate update
Security group rules (2)
Filter by security group rules
Security group
Type
Rule
sgmihirdb (sg-0188a61d42126e761)
EC2 Security Group - Inbound
sg-0b9683bb248026241
sgmihirdb (sg-0188a61d42126e761)
EC2 Security Group - Outbound
sg-0b9683bb248026241
Replication (1)
Filter by replication
DB identifier
Role
Region & AZ
Replication source
Replication state
Lag
wordpress-db-mihir
Instance
us-west-1c
-
-
-
Proxies (0)
Actions
Create proxy
Filter by proxies
Proxy identifier
Status
Engine family
No proxies
You don't have any proxies.
Create proxy
Feedback
Language
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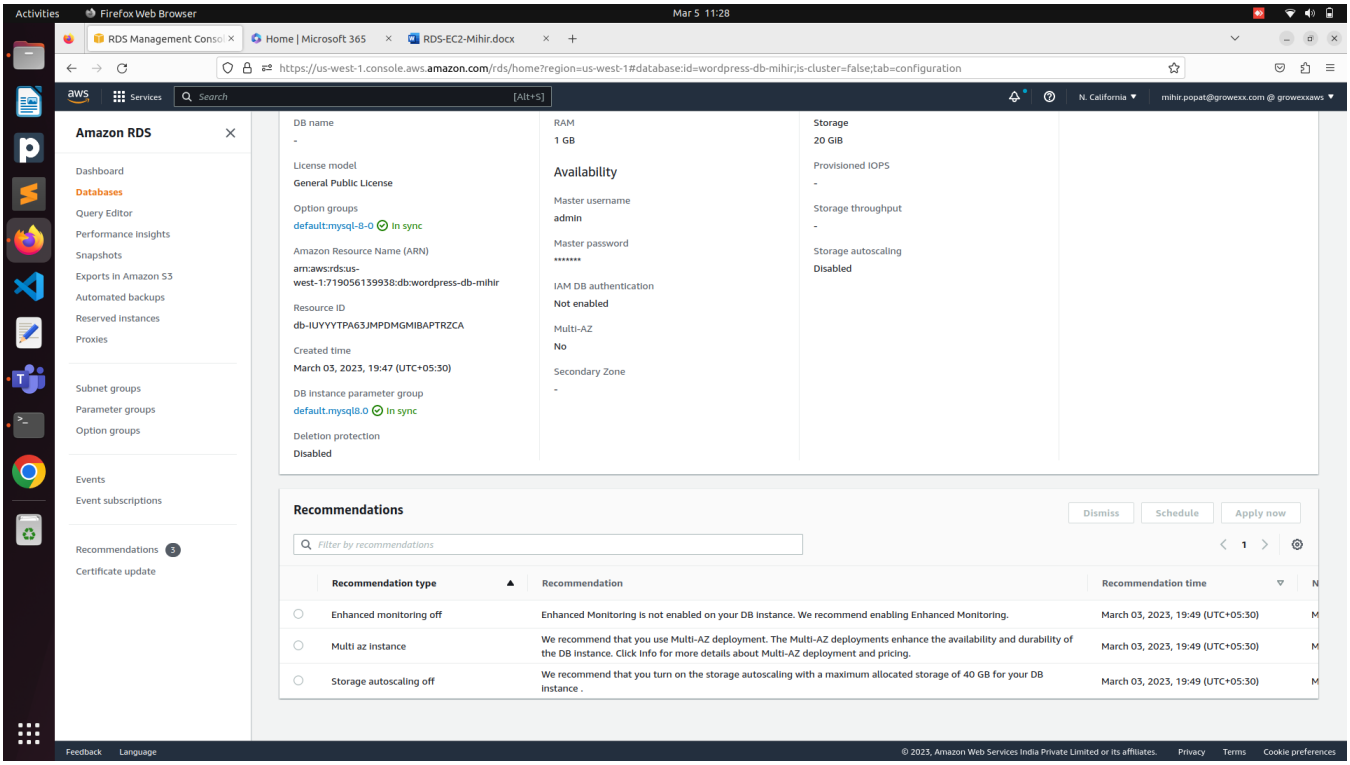
Activities
Firefox Web Browser
Mar 5 11:28
RDS Management Conso
Home | Microsoft 365
RDS-EC2-Mihir.docx
https://us-west-1.console.aws.amazon.com/rds/home?region=us-west-1#database:id=wordpress-db-mihir;is-cluster=false;tab=configuration
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
Amazon RDS
Dashboard
Databases
Query Editor
Performance Insights
Snapshots
Exports in Amazon S3
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Events
Event subscriptions
Recommendations 3
Certificate update
DB name
-
License model
General Public License
Option groups
default:mysql-8-0 In sync
Amazon Resource Name (ARN)
arn:aws:rds:us-west-1:719056139938:db:wordpress-db-mihir
Resource ID
db-IUYYYTPA63JMPDMGMIBAPTRZCA
Created time
March 03, 2023, 19:47 (UTC+05:30)
DB instance parameter group
default.mysql8.0 In sync
Deletion protection
Disabled
RAM
1 GB
Availability
Master username
admin
Master password
****
IAM DB authentication
Not enabled
Multi-AZ
No
Secondary Zone
-
Storage
20 GiB
Provisioned IOPS
-
Storage throughput
-
Storage autoscaling
Disabled
Recommendations
Dismiss
Schedule
Apply now
Filter by recommendations
Recommendation type
Recommendation
Recommendation time
Enhanced monitoring off
Enhanced Monitoring is not enabled on your DB instance. We recommend enabling Enhanced Monitoring.
March 03, 2023, 19:49 (UTC+05:30)
Multi az instance
We recommend that you use Multi-AZ deployment. The Multi-AZ deployments enhance the availability and durability of the DB instance. Click Info for more details about Multi-AZ deployment and pricing.
March 03, 2023, 19:49 (UTC+05:30)
Storage autoscaling off
We recommend that you turn on the storage autoscaling with a maximum allocated storage of 40 GB for your DB instance .
March 03, 2023, 19:49 (UTC+05:30)
Feedback
Language
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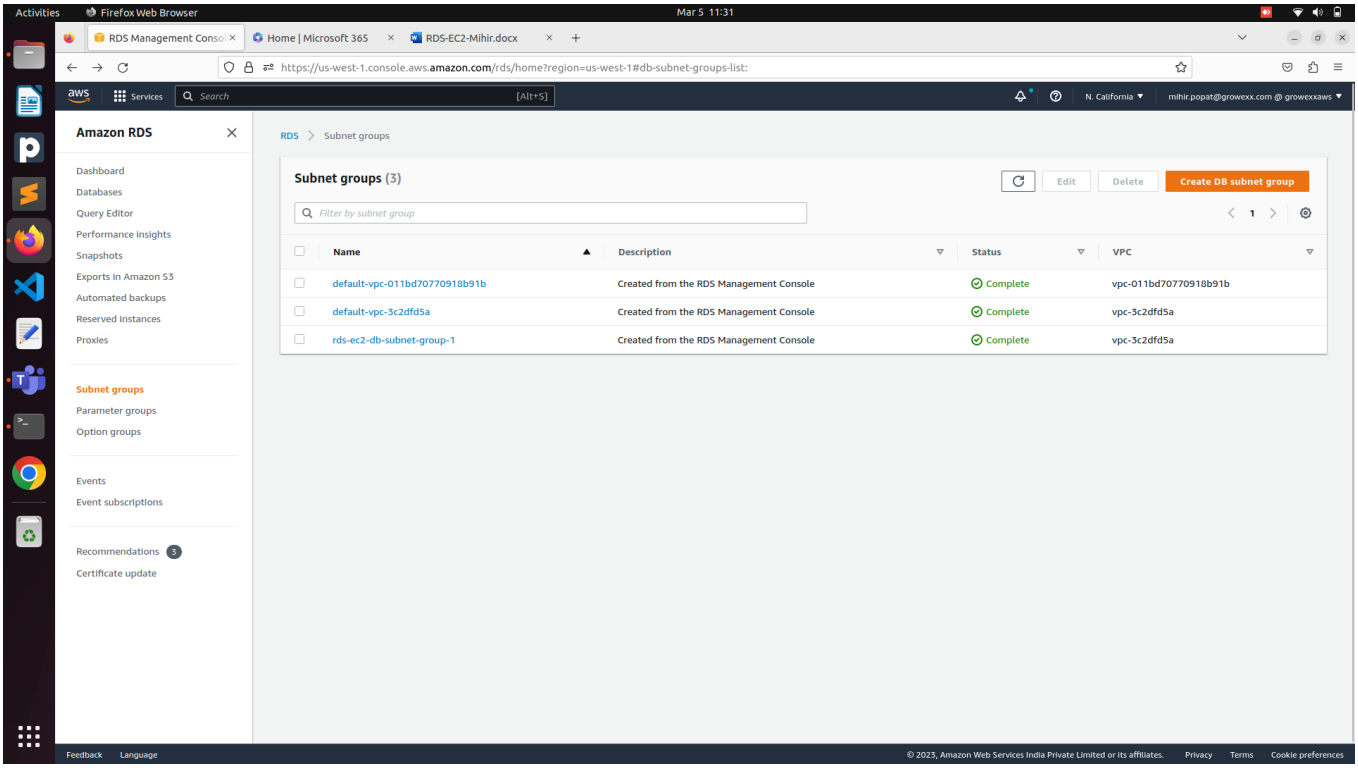
Cookie preferences


Activities
Firefox Web Browser
Mar 5 11:31
RDS Management Consol
Home | Microsoft 365
RDS-EC2-Mihir.docx
https://us-west-1.console.aws.amazon.com/rds/home?region=us-west-1#db-subnet-groups-list:
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
Amazon RDS
Dashboard
Databases
Query Editor
Performance insights
Snapshots
Exports in Amazon S3
Automated backups
Reserved instances
Proxies
Subnet groups
Parameter groups
Option groups
Events
Event subscriptions
Recommendations 3
Certificate update
RDS > Subnet groups
Subnet groups (3)
Edit
Delete
Create DB subnet group
Filter by subnet group
Name
Description
Status
VPC
default-vpc-011bd70770918b91b
Created from the RDS Management Console
Complete
vpc-011bd70770918b91b
default-vpc-3c2dfd5a
Created from the RDS Management Console
Complete
vpc-3c2dfd5a
rds-ec2-db-subnet-group-1
Created from the RDS Management Console
Complete
vpc-3c2dfd5a
Feedback
Language
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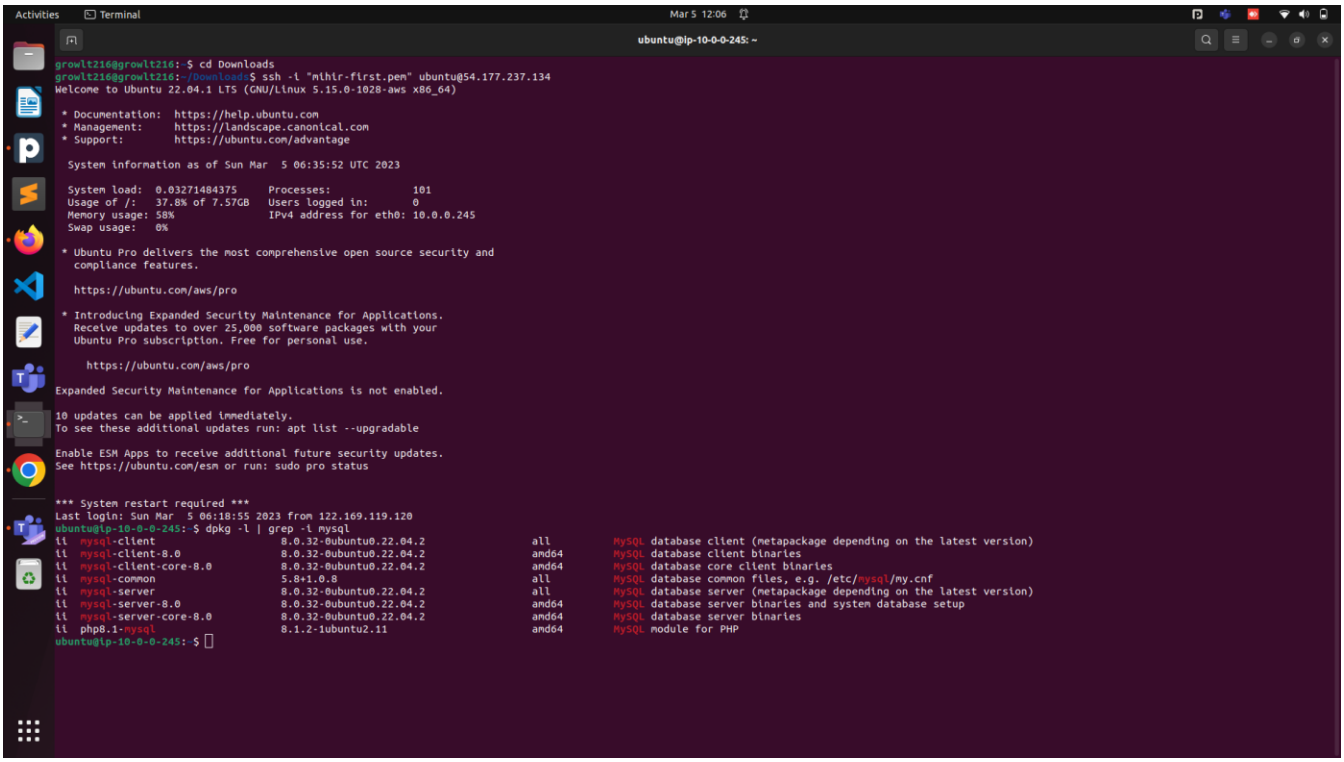
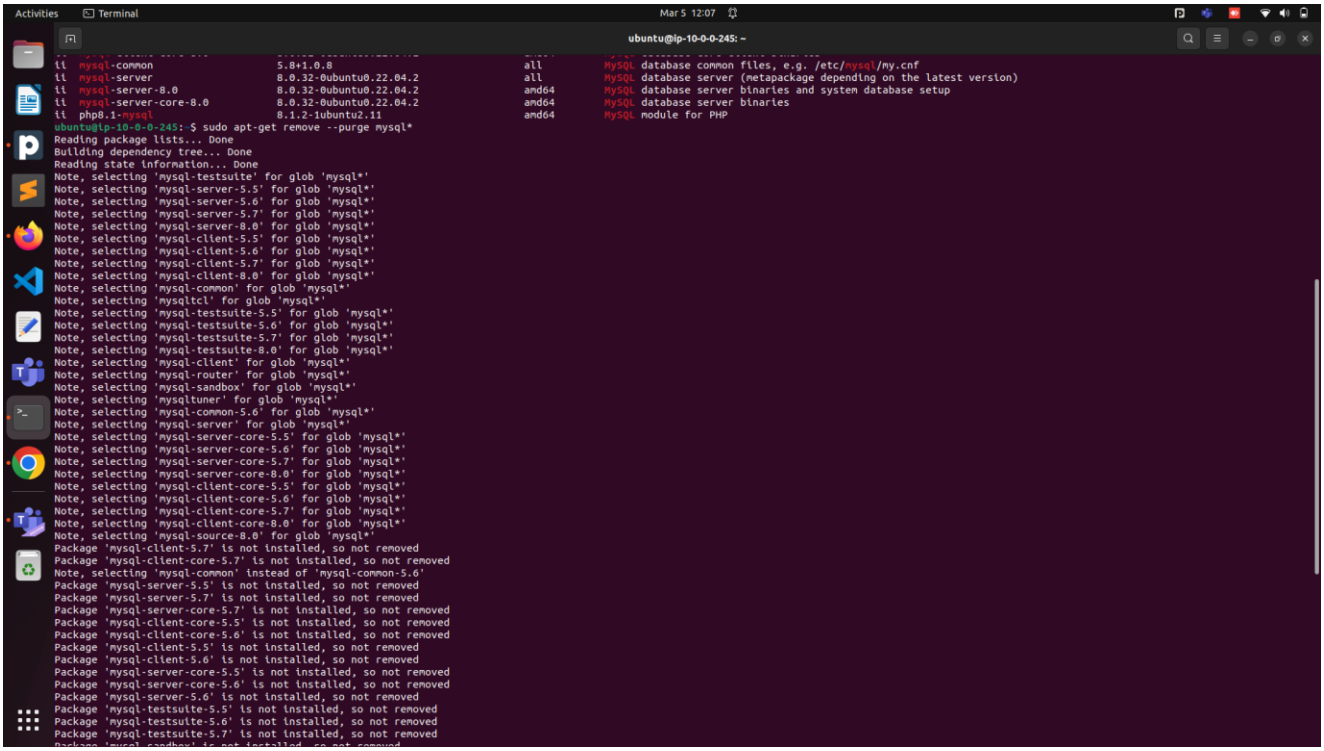
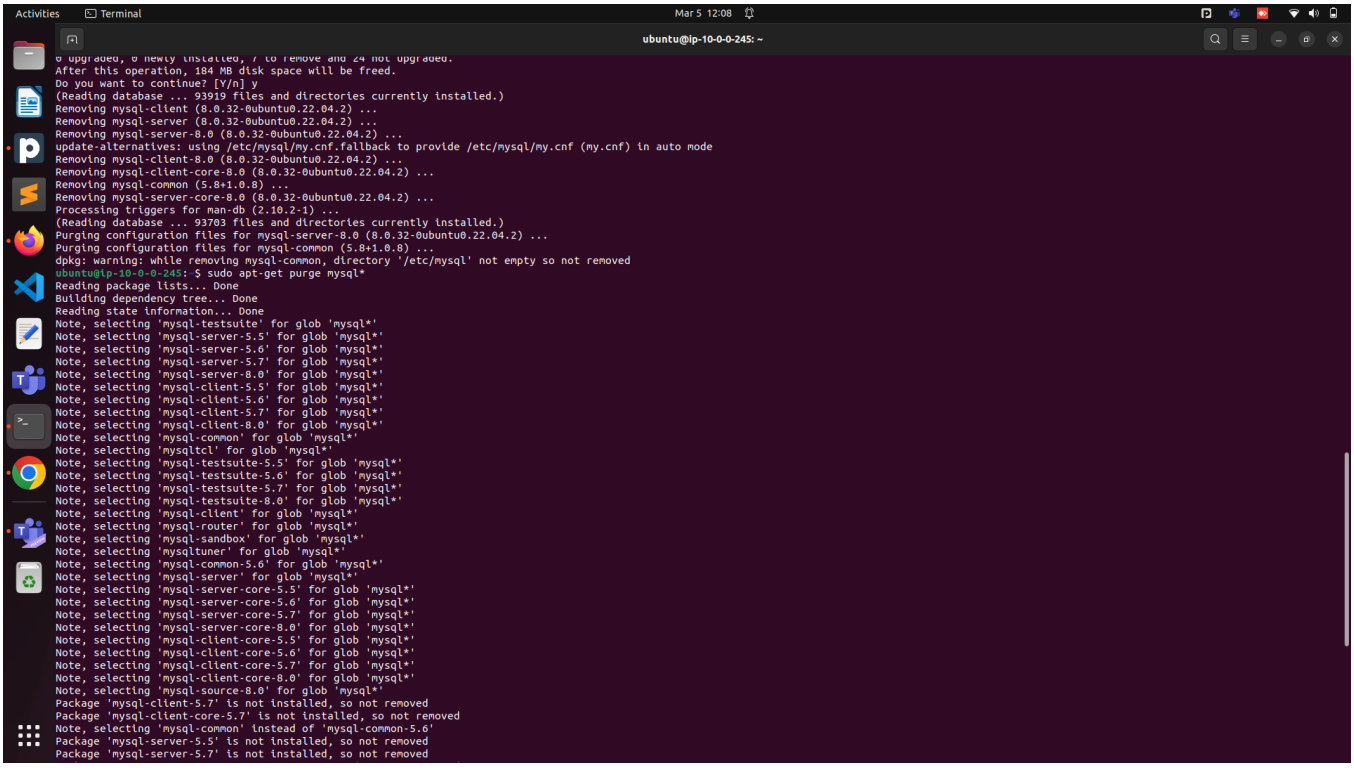
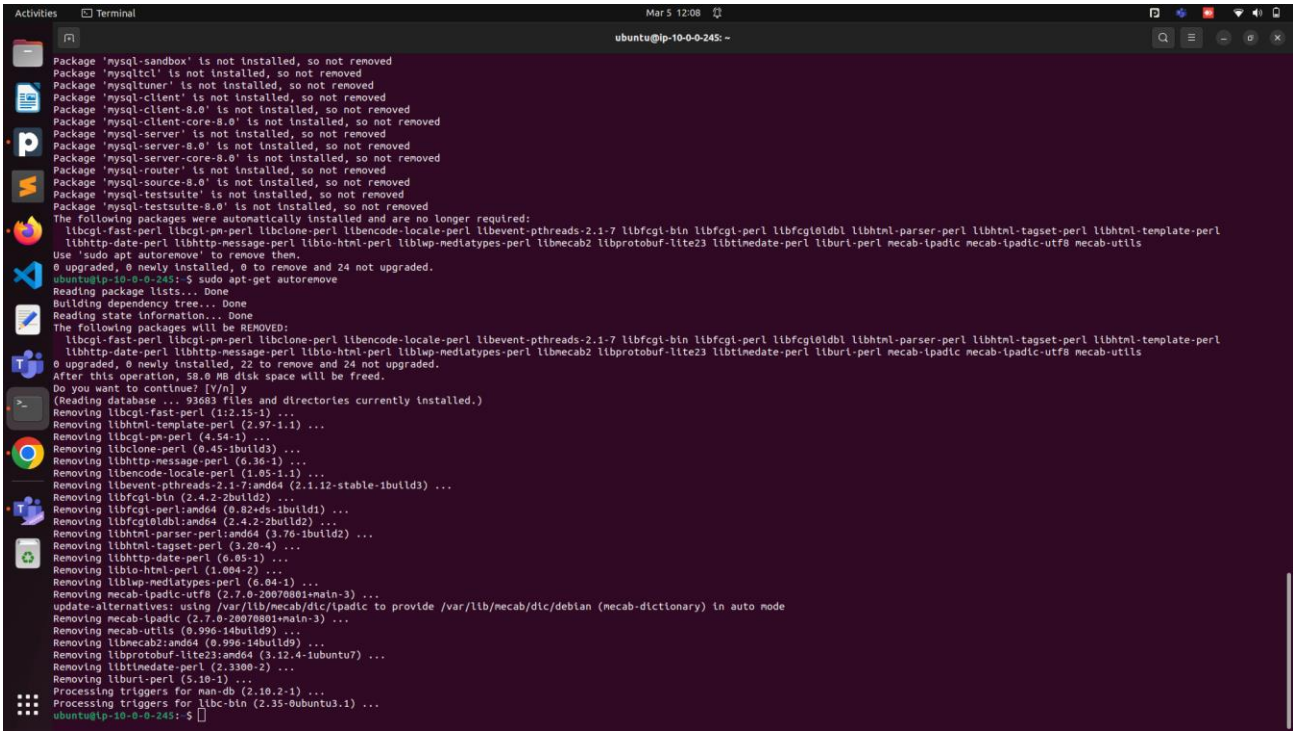
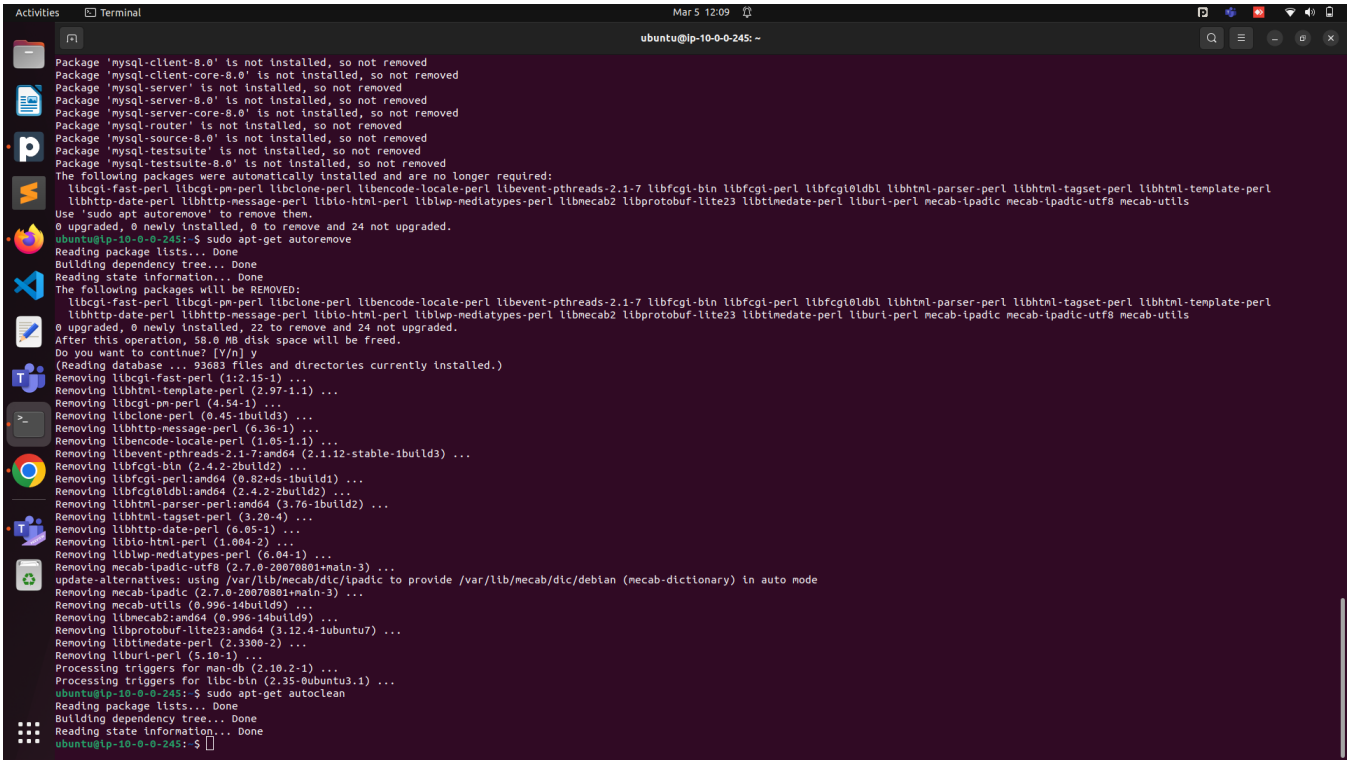
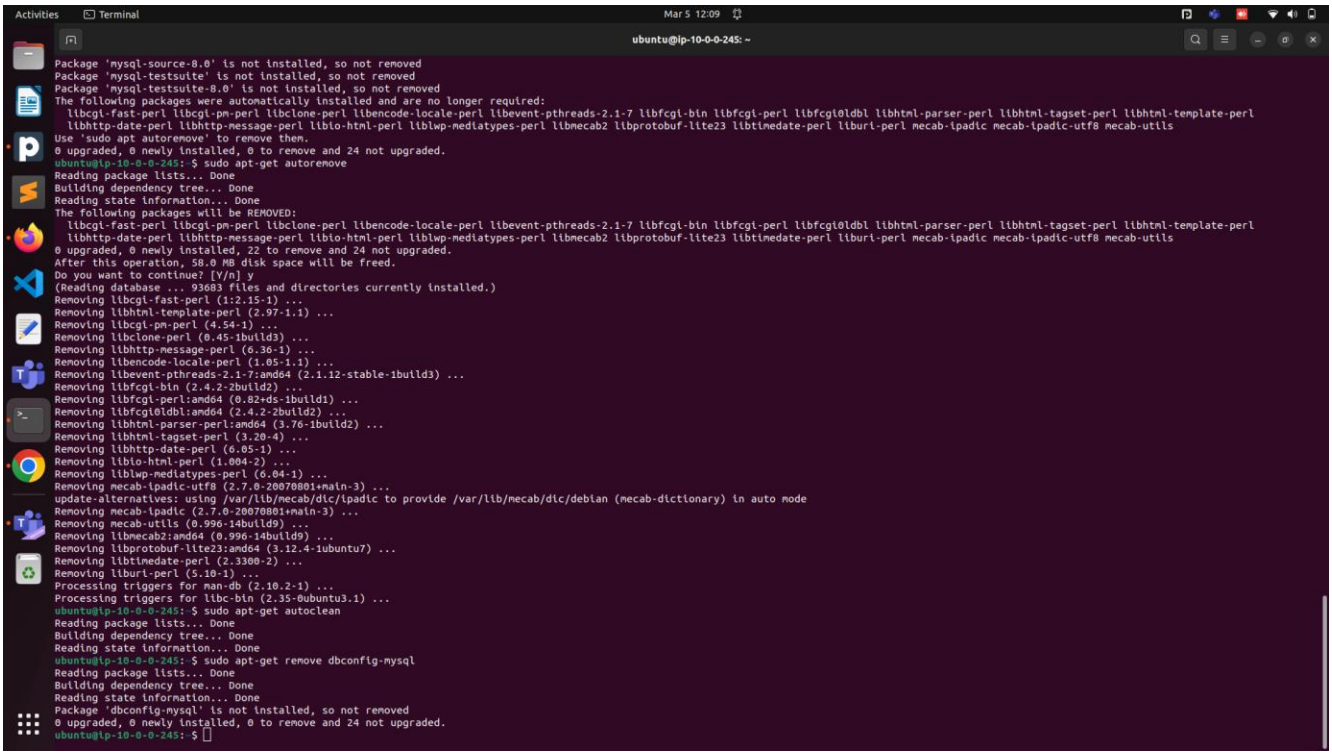

Activities
Terminal
Mar 5 12:06
ubuntu@ip-10-0-0-245: ~
growlt216@growlt216:~$ cd Downloads
growlt216@growlt216:~/Downloads$ ssh -i "mihir-first.pem" ubuntu@54.177.237.134
Welcome to Ubuntu 22.04.1 LTS (GNU/Linux 5.15.0-1028-aws x86_64)
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage
System information as of Sun Mar 5 06:35:52 UTC 2023
System load: 0.03271484375 Processes: 101
Usage of /: 37.8% of 7.57GB Users logged in: 0
Memory usage: 58% IPv4 address for eth0: 10.0.0.245
Swap usage: 0%
* Ubuntu Pro delivers the most comprehensive open source security and compliance features.
https://ubuntu.com/aws/pro
* Introducing Expanded Security Maintenance for Applications.
Receive updates to over 25,000 software packages with your Ubuntu Pro subscription. Free for personal use.
https://ubuntu.com/aws/pro
Expanded Security Maintenance for Applications is not enabled.
10 updates can be applied immediately.
To see these additional updates run: apt list --upgradable
Enable ESM Apps to receive additional future security updates.
See https://ubuntu.com/esm or run: sudo pro status
*** System restart required ***
Last login: Sun Mar 5 06:18:55 2023 from 122.169.119.120
ubuntu@ip-10-0-0-245:~$ dpkg -l | grep -i mysql
ii mysql-client 8.0.32-0ubuntu0.22.04.2 all MySQL database client (metapackage depending on the latest version)
ii mysql-client-8.0 8.0.32-0ubuntu0.22.04.2 amd64 MySQL database client binaries
ii mysql-client-core-8.0 8.0.32-0ubuntu0.22.04.2 amd64 MySQL database core client binaries
ii mysql-common 5.8+1.0.8 all MySQL database common files, e.g. /etc/mysql/my.cnf
ii mysql-server 8.0.32-0ubuntu0.22.04.2 all MySQL database server (metapackage depending on the latest version)
ii mysql-server-8.0 8.0.32-0ubuntu0.22.04.2 amd64 MySQL database server binaries and system database setup
ii mysql-server-core-8.0 8.0.32-0ubuntu0.22.04.2 amd64 MySQL database server binaries
ii php8.1-mysql 8.1.2-1ubuntu2.11 amd64 MySQL module for PHP
ubuntu@ip-10-0-0-245:~$

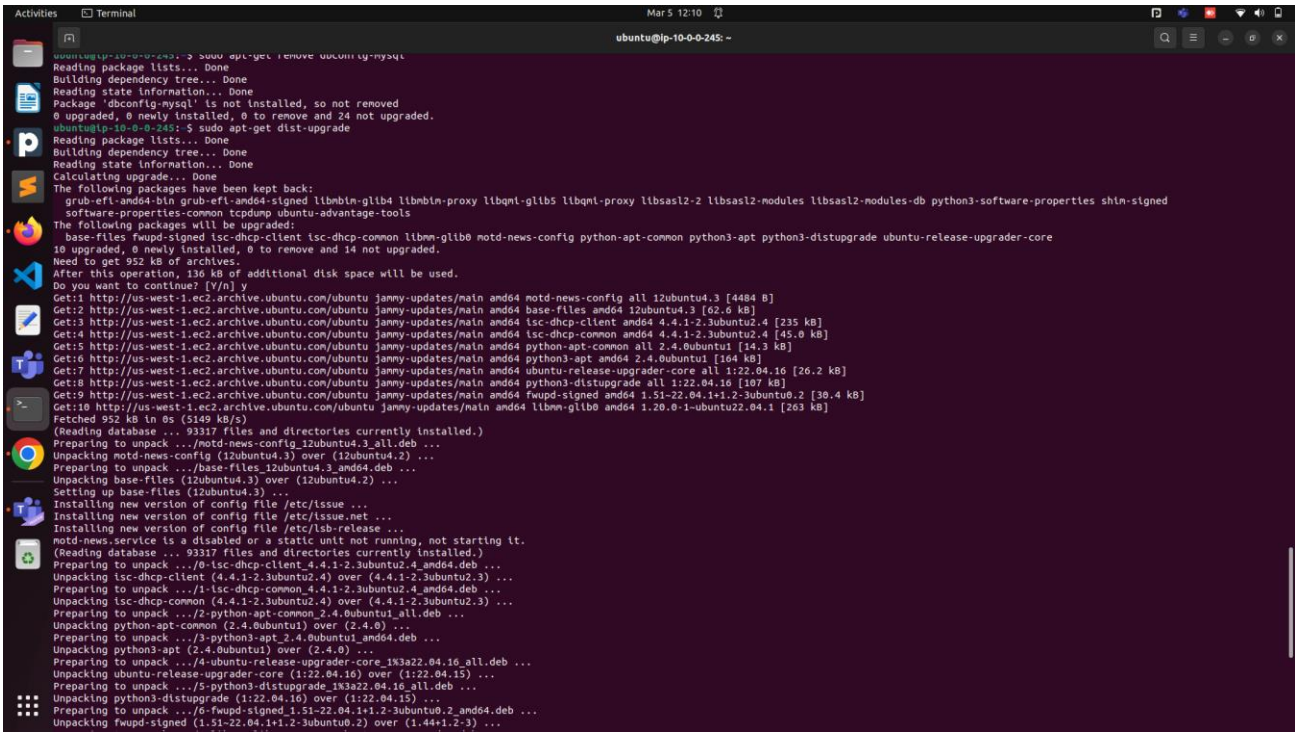

Activities
Terminal
Mar 5 12:07
ubuntu@ip-10-0-0-245: ~
ii mysql-common 5.8+1.0.8 all MySQL database common files, e.g. /etc/mysql/my.cnf
ii mysql-server 8.0.32-0ubuntu0.22.04.2 all MySQL database server (metapackage depending on the latest version)
ii mysql-server-8.0 8.0.32-0ubuntu0.22.04.2 amd64 MySQL database server binaries and system database setup
ii mysql-server-core-8.0 8.0.32-0ubuntu0.22.04.2 amd64 MySQL database server binaries
ii php8.1-mysql 8.1.2-1ubuntu2.11 amd64 MySQL module for PHP
ubuntu@ip-10-0-0-245:~$ sudo apt-get remove --purge mysql*
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Note, selecting 'mysql-testsuite' for glob 'mysql*'
Note, selecting 'mysql-server-5.5' for glob 'mysql*'
Note, selecting 'mysql-server-5.6' for glob 'mysql*'
Note, selecting 'mysql-server-5.7' for glob 'mysql*'
Note, selecting 'mysql-server-8.0' for glob 'mysql*'
Note, selecting 'mysql-client-5.5' for glob 'mysql*'
Note, selecting 'mysql-client-5.6' for glob 'mysql*'
Note, selecting 'mysql-client-5.7' for glob 'mysql*'
Note, selecting 'mysql-client-8.0' for glob 'mysql*'
Note, selecting 'mysql-common' for glob 'mysql*'
Note, selecting 'mysqltcl' for glob 'mysql*'
Note, selecting 'mysql-testsuite-5.5' for glob 'mysql*'
Note, selecting 'mysql-testsuite-5.6' for glob 'mysql*'
Note, selecting 'mysql-testsuite-5.7' for glob 'mysql*'
Note, selecting 'mysql-testsuite-8.0' for glob 'mysql*'
Note, selecting 'mysql-client' for glob 'mysql*'
Note, selecting 'mysql-router' for glob 'mysql*'
Note, selecting 'mysql-sandbox' for glob 'mysql*'
Note, selecting 'mysqltuner' for glob 'mysql*'
Note, selecting 'mysql-common-5.6' for glob 'mysql*'
Note, selecting 'mysql-server' for glob 'mysql*'
Note, selecting 'mysql-server-core-5.5' for glob 'mysql*'
Note, selecting 'mysql-server-core-5.6' for glob 'mysql*'
Note, selecting 'mysql-server-core-5.7' for glob 'mysql*'
Note, selecting 'mysql-server-core-8.0' for glob 'mysql*'
Note, selecting 'mysql-client-core-5.5' for glob 'mysql*'
Note, selecting 'mysql-client-core-5.6' for glob 'mysql*'
Note, selecting 'mysql-client-core-5.7' for glob 'mysql*'
Note, selecting 'mysql-client-core-8.0' for glob 'mysql*'
Note, selecting 'mysql-source-8.0' for glob 'mysql*'
Package 'mysql-client-5.7' is not installed, so not removed
Package 'mysql-client-core-5.7' is not installed, so not removed
Note, selecting 'mysql-common' instead of 'mysql-common-5.6'
Package 'mysql-server-5.5' is not installed, so not removed
Package 'mysql-server-5.7' is not installed, so not removed
Package 'mysql-server-core-5.7' is not installed, so not removed
Package 'mysql-client-core-5.5' is not installed, so not removed
Package 'mysql-client-core-5.6' is not installed, so not removed
Package 'mysql-client-5.5' is not installed, so not removed
Package 'mysql-client-5.6' is not installed, so not removed
Package 'mysql-server-core-5.5' is not installed, so not removed
Package 'mysql-server-core-5.6' is not installed, so not removed
Package 'mysql-server-5.6' is not installed, so not removed
Package 'mysql-testsuite-5.5' is not installed, so not removed
Package 'mysql-testsuite-5.6' is not installed, so not removed
Package 'mysql-testsuite-5.7' is not installed, so not removed

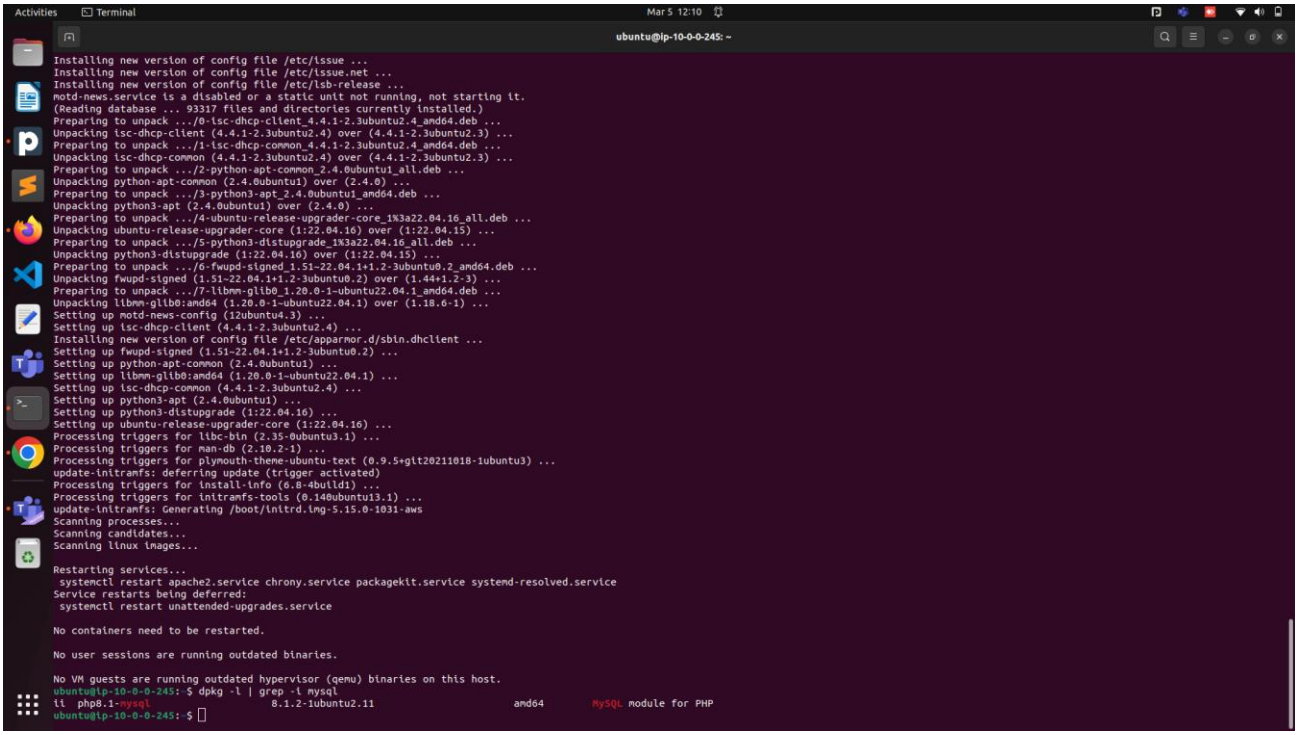

Activities
Terminal
Mar 5 12:08
ubuntu@ip-10-0-0-245: ~
0 upgraded, 0 newly installed, 7 to remove and 24 not upgraded.
After this operation, 184 MB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 93919 files and directories currently installed.)
Removing mysql-client (8.0.32-0ubuntu0.22.04.2) ...
Removing mysql-server (8.0.32-0ubuntu0.22.04.2) ...
Removing mysql-server-8.0 (8.0.32-0ubuntu0.22.04.2) ...
update-alternatives: using /etc/mysql/my.cnf.fallback to provide /etc/mysql/my.cnf (my.cnf) in auto mode
Removing mysql-client-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Removing mysql-client-core-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Removing mysql-common (5.8+1.0.8) ...
Removing mysql-server-core-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Processing triggers for man-db (2.10.2-1) ...
(Reading database ... 93703 files and directories currently installed.)
Purging configuration files for mysql-server-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Purging configuration files for mysql-common (5.8+1.0.8) ...
dpkg: warning: while removing mysql-common, directory '/etc/mysql' not empty so not removed
ubuntu@ip-10-0-0-245:~$ sudo apt-get purge mysql*
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Note, selecting 'mysql-testsuite' for glob 'mysql*'
Note, selecting 'mysql-server-5.5' for glob 'mysql*'
Note, selecting 'mysql-server-5.6' for glob 'mysql*'
Note, selecting 'mysql-server-5.7' for glob 'mysql*'
Note, selecting 'mysql-server-8.0' for glob 'mysql*'
Note, selecting 'mysql-client-5.5' for glob 'mysql*'
Note, selecting 'mysql-client-5.6' for glob 'mysql*'
Note, selecting 'mysql-client-5.7' for glob 'mysql*'
Note, selecting 'mysql-client-8.0' for glob 'mysql*'
Note, selecting 'mysql-common' for glob 'mysql*'
Note, selecting 'mysqltcl' for glob 'mysql*'
Note, selecting 'mysql-testsuite-5.5' for glob 'mysql*'
Note, selecting 'mysql-testsuite-5.6' for glob 'mysql*'
Note, selecting 'mysql-testsuite-5.7' for glob 'mysql*'
Note, selecting 'mysql-testsuite-8.0' for glob 'mysql*'
Note, selecting 'mysql-client' for glob 'mysql*'
Note, selecting 'mysql-router' for glob 'mysql*'
Note, selecting 'mysql-sandbox' for glob 'mysql*'
Note, selecting 'mysqltuner' for glob 'mysql*'
Note, selecting 'mysql-common-5.6' for glob 'mysql*'
Note, selecting 'mysql-server' for glob 'mysql*'
Note, selecting 'mysql-server-core-5.5' for glob 'mysql*'
Note, selecting 'mysql-server-core-5.6' for glob 'mysql*'
Note, selecting 'mysql-server-core-5.7' for glob 'mysql*'
Note, selecting 'mysql-server-core-8.0' for glob 'mysql*'
Note, selecting 'mysql-client-core-5.5' for glob 'mysql*'
Note, selecting 'mysql-client-core-5.6' for glob 'mysql*'
Note, selecting 'mysql-client-core-5.7' for glob 'mysql*'
Note, selecting 'mysql-client-core-8.0' for glob 'mysql*'
Note, selecting 'mysql-source-8.0' for glob 'mysql*'
Package 'mysql-client-5.7' is not installed, so not removed
Package 'mysql-client-core-5.7' is not installed, so not removed
Note, selecting 'mysql-common' instead of 'mysql-common-5.6'
Package 'mysql-server-5.5' is not installed, so not removed
Package 'mysql-server-5.7' is not installed, so not removed

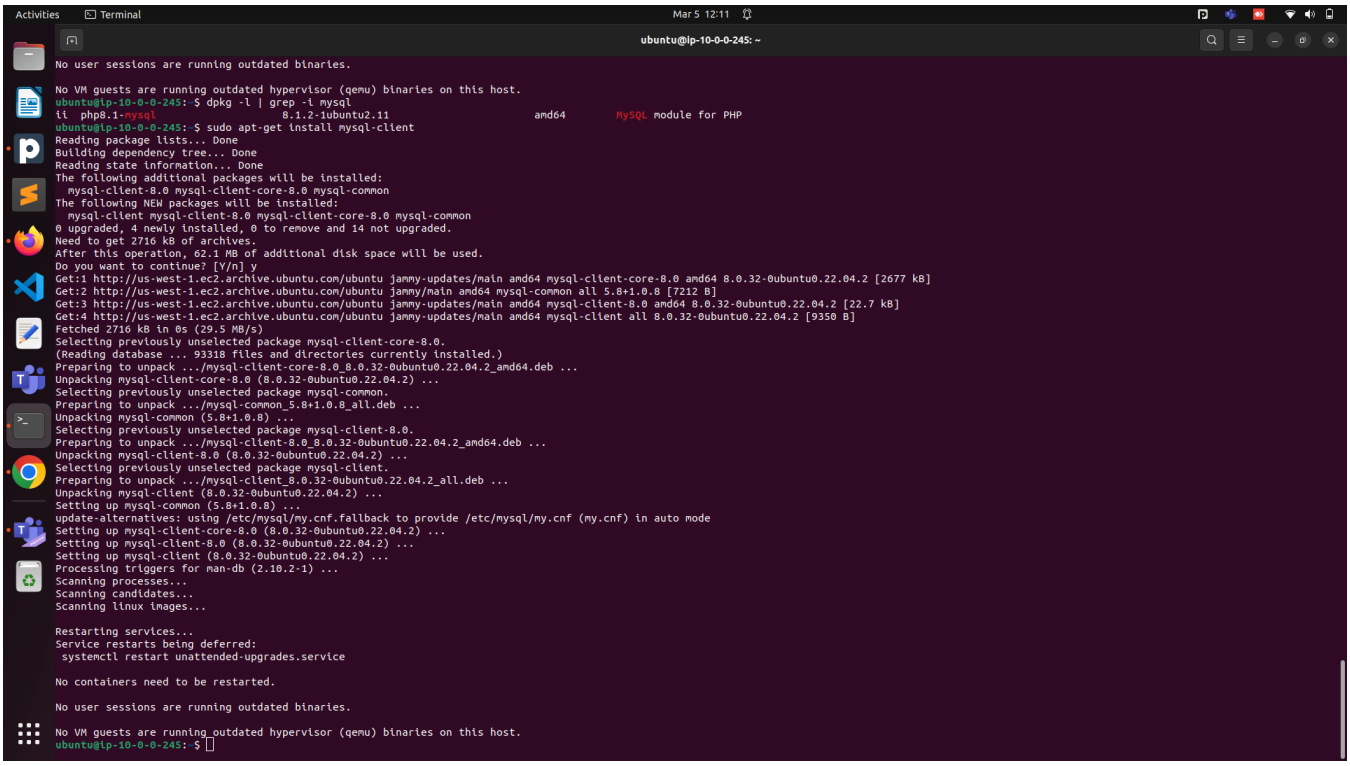

Activities
Terminal
Mar 5 12:08
ubuntu@ip-10-0-0-245: ~
Package 'mysql-sandbox' is not installed, so not removed
Package 'mysqltcl' is not installed, so not removed
Package 'mysqltuner' is not installed, so not removed
Package 'mysql-client' is not installed, so not removed
Package 'mysql-client-8.0' is not installed, so not removed
Package 'mysql-client-core-8.0' is not installed, so not removed
Package 'mysql-server' is not installed, so not removed
Package 'mysql-server-8.0' is not installed, so not removed
Package 'mysql-server-core-8.0' is not installed, so not removed
Package 'mysql-router' is not installed, so not removed
Package 'mysql-source-8.0' is not installed, so not removed
Package 'mysql-testsuite' is not installed, so not removed
Package 'mysql-testsuite-8.0' is not installed, so not removed
The following packages were automatically installed and are no longer required:
libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 24 not upgraded.
ubuntu@ip-10-0-0-245: $ sudo apt-get autoremove
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages will be REMOVED:
libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils
0 upgraded, 0 newly installed, 22 to remove and 24 not upgraded.
After this operation, 58.0 MB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 93683 files and directories currently installed.)
Removing libcgi-fast-perl (1:2.15-1) ...
Removing libhtml-template-perl (2.97-1.1) ...
Removing libcgi-pm-perl (4.54-1) ...
Removing libclone-perl (0.45-1build3) ...
Removing libhttp-message-perl (6.36-1) ...
Removing libencode-locale-perl (1.05-1.1) ...
Removing libevent-pthreads-2.1-7:amd64 (2.1.12-stable-1build3) ...
Removing libfcgi-bin (2.4.2-2build2) ...
Removing libfcgi-perl:amd64 (0.82+ds-1build1) ...
Removing libfcgi0ldbl:amd64 (2.4.2-2build2) ...
Removing libhtml-parser-perl:amd64 (3.76-1build2) ...
Removing libhtml-tagset-perl (3.20-4) ...
Removing libhttp-date-perl (6.05-1) ...
Removing libio-html-perl (1.004-2) ...
Removing liblwp-mediatypes-perl (6.04-1) ...
Removing mecab-ipadic-utf8 (2.7.0-20070801+main-3) ...
update-alternatives: using /var/lib/mecab/dic/ipadic to provide /var/lib/mecab/dic/debian (mecab-dictionary) in auto mode
Removing mecab-ipadic (2.7.0-20070801+main-3) ...
Removing mecab-utils (0.996-14build9) ...
Removing libmecab2:amd64 (0.996-14build9) ...
Removing libprotobuf-lite23:amd64 (3.12.4-1ubuntu7) ...
Removing libtimedate-perl (2.3300-2) ...
Removing liburi-perl (5.10-1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
ubuntu@ip-10-0-0-245: $

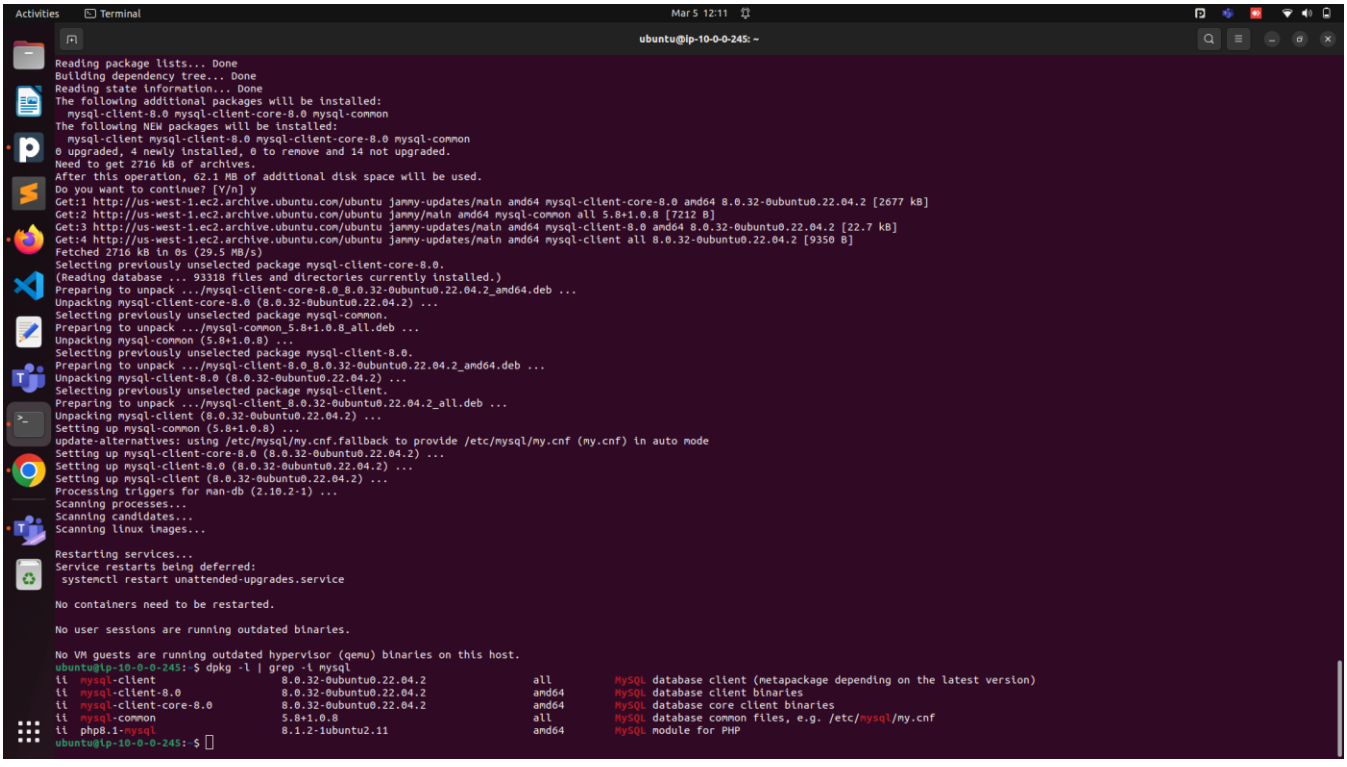

Activities
Terminal
Mar 5 12:09
ubuntu@ip-10-0-0-245: ~
Package 'mysql-client-8.0' is not installed, so not removed
Package 'mysql-client-core-8.0' is not installed, so not removed
Package 'mysql-server' is not installed, so not removed
Package 'mysql-server-8.0' is not installed, so not removed
Package 'mysql-server-core-8.0' is not installed, so not removed
Package 'mysql-router' is not installed, so not removed
Package 'mysql-source-8.0' is not installed, so not removed
Package 'mysql-testsuite' is not installed, so not removed
Package 'mysql-testsuite-8.0' is not installed, so not removed
The following packages were automatically installed and are no longer required:
libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 24 not upgraded.
ubuntu@ip-10-0-0-245:~$ sudo apt-get autoremove
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages will be REMOVED:
libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils
0 upgraded, 0 newly installed, 22 to remove and 24 not upgraded.
After this operation, 58.0 MB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 93683 files and directories currently installed.)
Removing libcgi-fast-perl (1:2.15-1) ...
Removing libhtml-template-perl (2.97-1.1) ...
Removing libcgi-pm-perl (4.54-1) ...
Removing libclone-perl (0.45-1build3) ...
Removing libhttp-message-perl (6.36-1) ...
Removing libencode-locale-perl (1.05-1.1) ...
Removing libevent-pthreads-2.1-7:amd64 (2.1.12-stable-1build3) ...
Removing libfcgi-bin (2.4.2-2build2) ...
Removing libfcgi-perl:amd64 (0.82+ds-1build1) ...
Removing libfcgi0ldbl:amd64 (2.4.2-2build2) ...
Removing libhtml-parser-perl:amd64 (3.76-1build2) ...
Removing libhtml-tagset-perl (3.20-4) ...
Removing libhttp-date-perl (6.05-1) ...
Removing libio-html-perl (1.004-2) ...
Removing liblwp-mediatypes-perl (6.04-1) ...
Removing mecab-ipadic-utf8 (2.7.0-20070801+main-3) ...
update-alternatives: using /var/lib/mecab/dic/ipadic to provide /var/lib/mecab/dic/debian (mecab-dictionary) in auto mode
Removing mecab-ipadic (2.7.0-20070801+main-3) ...
Removing mecab-utils (0.996-14build9) ...
Removing libmecab2:amd64 (0.996-14build9) ...
Removing libprotobuf-lite23:amd64 (3.12.4-1ubuntu7) ...
Removing libtimedate-perl (2.3300-2) ...
Removing liburi-perl (5.10-1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
ubuntu@ip-10-0-0-245:~$ sudo apt-get autoclean
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ubuntu@ip-10-0-0-245:~$


Activities
Terminal
Mar 5 12:09
ubuntu@ip-10-0-0-245: ~
Package 'mysql-source-8.0' is not installed, so not removed
Package 'mysql-testsuite' is not installed, so not removed
Package 'mysql-testsuite-8.0' is not installed, so not removed
The following packages were automatically installed and are no longer required:
libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils
Use 'sudo apt autoremove' to remove them.
0 upgraded, 0 newly installed, 0 to remove and 24 not upgraded.
ubuntu@ip-10-0-0-245: $ sudo apt-get autoremove
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following packages will be REMOVED:
libcgi-fast-perl libcgi-pm-perl libclone-perl libencode-locale-perl libevent-pthreads-2.1-7 libfcgi-bin libfcgi-perl libfcgi0ldbl libhtml-parser-perl libhtml-tagset-perl libhtml-template-perl
libhttp-date-perl libhttp-message-perl libio-html-perl liblwp-mediatypes-perl libmecab2 libprotobuf-lite23 libtimedate-perl liburi-perl mecab-ipadic mecab-ipadic-utf8 mecab-utils
0 upgraded, 0 newly installed, 22 to remove and 24 not upgraded.
After this operation, 58.0 MB disk space will be freed.
Do you want to continue? [Y/n] y
(Reading database ... 93603 files and directories currently installed.)
Removing libcgi-fast-perl (1:2.15-1) ...
Removing libhtml-template-perl (2.97-1.1) ...
Removing libcgi-pm-perl (4.54-1) ...
Removing libclone-perl (0.45-1build3) ...
Removing libhttp-message-perl (6.36-1) ...
Removing libencode-locale-perl (1.05-1.1) ...
Removing libevent-pthreads-2.1-7:amd64 (2.1.12-stable-1build3) ...
Removing libfcgi-bin (2.4.2-2build2) ...
Removing libfcgi-perl:amd64 (0.82+ds-1build1) ...
Removing libfcgi0ldbl:amd64 (2.4.2-2build2) ...
Removing libhtml-parser-perl:amd64 (3.76-1build2) ...
Removing libhtml-tagset-perl (3.20-4) ...
Removing libhttp-date-perl (6.05-1) ...
Removing libio-html-perl (1.004-2) ...
Removing liblwp-mediatypes-perl (6.04-1) ...
Removing mecab-ipadic-utf8 (2.7.0-20070801+main-3) ...
update-alternatives: using /var/lib/mecab/dic/ipadic to provide /var/lib/mecab/dic/debian (mecab-dictionary) in auto mode
Removing mecab-ipadic (2.7.0-20070801+main-3) ...
Removing mecab-utils (0.996-14build9) ...
Removing libmecab2:amd64 (0.996-14build9) ...
Removing libprotobuf-lite23:amd64 (3.12.4-1ubuntu7) ...
Removing libtimedate-perl (2.3300-2) ...
Removing liburi-perl (5.10-1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
ubuntu@ip-10-0-0-245: $ sudo apt-get autoclean
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
ubuntu@ip-10-0-0-245: $ sudo apt-get remove dbconfig-mysql
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Package 'dbconfig-mysql' is not installed, so not removed
0 upgraded, 0 newly installed, 0 to remove and 24 not upgraded.
ubuntu@ip-10-0-0-245: $

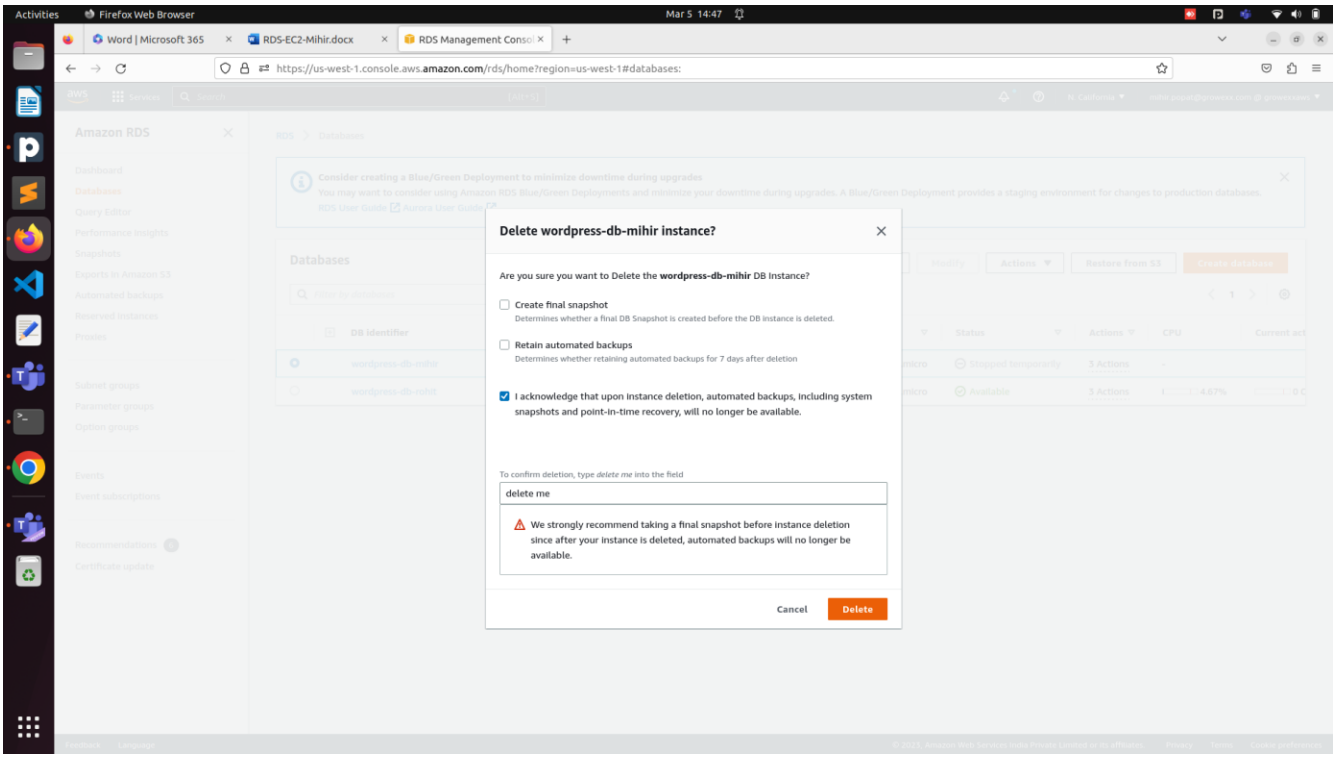

Activities
Terminal
Mar 5 12:10
ubuntu@ip-10-0-0-245: ~
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Package 'dbconfig-mysql' is not installed, so not removed
0 upgraded, 0 newly installed, 0 to remove and 24 not upgraded.
ubuntu@ip-10-0-0-245: $ sudo apt-get dist-upgrade
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
Calculating upgrade... Done
The following packages have been kept back:
grub-efi-amd64-bin grub-efi-amd64-signed libmbim-glib4 libmbim-proxy libqmi-glib5 libqmi-proxy libsasl2-2 libsasl2-modules libsasl2-modules-db python3-software-properties shim-signed
software-properties-common tcpdump ubuntu-advantage-tools
The following packages will be upgraded:
base-files fwupd-signed isc-dhcp-client isc-dhcp-common libmm-glib0 motd-news-config python-apt-common python3-apt python3-distupgrade ubuntu-release-upgrader-core
10 upgraded, 0 newly installed, 0 to remove and 14 not upgraded.
Need to get 952 kB of archives.
After this operation, 136 kB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 motd-news-config all 12ubuntu4.3 [4484 B]
Get:2 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 base-files amd64 12ubuntu4.3 [62.6 kB]
Get:3 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 isc-dhcp-client amd64 4.4.1-2.3ubuntu2.4 [235 kB]
Get:4 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 isc-dhcp-common amd64 4.4.1-2.3ubuntu2.4 [45.0 kB]
Get:5 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python-apt-common all 2.4.0ubuntu1 [14.3 kB]
Get:6 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-apt amd64 2.4.0ubuntu1 [164 kB]
Get:7 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 ubuntu-release-upgrader-core all 1:22.04.16 [26.2 kB]
Get:8 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 python3-distupgrade all 1:22.04.16 [107 kB]
Get:9 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 fwupd-signed amd64 1.51~22.04.1+1.2-3ubuntu0.2 [30.4 kB]
Get:10 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 libmm-glib0 amd64 1.20.0-1~ubuntu22.04.1 [263 kB]
Fetched 952 kB in 0s (5149 kB/s)
(Reading database ... 93317 files and directories currently installed.)
Preparing to unpack .../motd-news-config_12ubuntu4.3_all.deb ...
Unpacking motd-news-config (12ubuntu4.3) over (12ubuntu4.2) ...
Preparing to unpack .../base-files_12ubuntu4.3_amd64.deb ...
Unpacking base-files (12ubuntu4.3) over (12ubuntu4.2) ...
Setting up base-files (12ubuntu4.3) ...
Installing new version of config file /etc/issue ...
Installing new version of config file /etc/issue.net ...
Installing new version of config file /etc/lsb-release ...
motd-news.service is a disabled or a static unit not running, not starting it.
(Reading database ... 93317 files and directories currently installed.)
Preparing to unpack .../0-isc-dhcp-client_4.4.1-2.3ubuntu2.4_amd64.deb ...
Unpacking isc-dhcp-client (4.4.1-2.3ubuntu2.4) over (4.4.1-2.3ubuntu2.3) ...
Preparing to unpack .../1-isc-dhcp-common_4.4.1-2.3ubuntu2.4_amd64.deb ...
Unpacking isc-dhcp-common (4.4.1-2.3ubuntu2.4) over (4.4.1-2.3ubuntu2.3) ...
Preparing to unpack .../2-python-apt-common_2.4.0ubuntu1_all.deb ...
Unpacking python-apt-common (2.4.0ubuntu1) over (2.4.0) ...
Preparing to unpack .../3-python3-apt_2.4.0ubuntu1_amd64.deb ...
Unpacking python3-apt (2.4.0ubuntu1) over (2.4.0) ...
Preparing to unpack .../4-ubuntu-release-upgrader-core_1%3a22.04.16_all.deb ...
Unpacking ubuntu-release-upgrader-core (1:22.04.16) over (1:22.04.15) ...
Preparing to unpack .../5-python3-distupgrade_1%3a22.04.16_all.deb ...
Unpacking python3-distupgrade (1:22.04.16) over (1:22.04.15) ...
Preparing to unpack .../6-fwupd-signed_1.51~22.04.1+1.2-3ubuntu0.2_amd64.deb ...
Unpacking fwupd-signed (1.51~22.04.1+1.2-3ubuntu0.2) over (1.44+1.2-3) ...


Activities
Terminal
Mar 5 12:10
ubuntu@ip-10-0-0-245: ~
Installing new version of config file /etc/issue ...
Installing new version of config file /etc/issue.net ...
Installing new version of config file /etc/lsb-release ...
motd-news.service is a disabled or a static unit not running, not starting it.
(Reading database ... 93317 files and directories currently installed.)
Preparing to unpack .../0-isc-dhcp-client_4.4.1-2.3ubuntu2.4_amd64.deb ...
Unpacking isc-dhcp-client (4.4.1-2.3ubuntu2.4) over (4.4.1-2.3ubuntu2.3) ...
Preparing to unpack .../1-isc-dhcp-common_4.4.1-2.3ubuntu2.4_amd64.deb ...
Unpacking isc-dhcp-common (4.4.1-2.3ubuntu2.4) over (4.4.1-2.3ubuntu2.3) ...
Preparing to unpack .../2-python-apt-common_2.4.0ubuntu1_all.deb ...
Unpacking python-apt-common (2.4.0ubuntu1) over (2.4.0) ...
Preparing to unpack .../3-python3-apt_2.4.0ubuntu1_amd64.deb ...
Unpacking python3-apt (2.4.0ubuntu1) over (2.4.0) ...
Preparing to unpack .../4-ubuntu-release-upgrader-core_1%3a22.04.16_all.deb ...
Unpacking ubuntu-release-upgrader-core (1:22.04.16) over (1:22.04.15) ...
Preparing to unpack .../5-python3-distupgrade_1%3a22.04.16_all.deb ...
Unpacking python3-distupgrade (1:22.04.16) over (1:22.04.15) ...
Preparing to unpack .../6-fwupd-signed_1.51~22.04.1+1.2-3ubuntu0.2_amd64.deb ...
Unpacking fwupd-signed (1.51~22.04.1+1.2-3ubuntu0.2) over (1.44+1.2-3) ...
Preparing to unpack .../7-libmm-glib0_1.20.0-1~ubuntu22.04.1_amd64.deb ...
Unpacking libmm-glib0:amd64 (1.20.0-1~ubuntu22.04.1) over (1.18.6-1) ...
Setting up motd-news-config (12ubuntu4.3) ...
Setting up isc-dhcp-client (4.4.1-2.3ubuntu2.4) ...
Installing new version of config file /etc/apparmor.d/sbin.dhclient ...
Setting up fwupd-signed (1.51~22.04.1+1.2-3ubuntu0.2) ...
Setting up python-apt-common (2.4.0ubuntu1) ...
Setting up libmm-glib0:amd64 (1.20.0-1~ubuntu22.04.1) ...
Setting up isc-dhcp-common (4.4.1-2.3ubuntu2.4) ...
Setting up python3-apt (2.4.0ubuntu1) ...
Setting up python3-distupgrade (1:22.04.16) ...
Setting up ubuntu-release-upgrader-core (1:22.04.16) ...
Processing triggers for libc-bin (2.35-0ubuntu3.1) ...
Processing triggers for man-db (2.10.2-1) ...
Processing triggers for plymouth-theme-ubuntu-text (0.9.5+git20211018-1ubuntu3) ...
update-initramfs: deferring update (trigger activated)
Processing triggers for install-info (6.8-4build1) ...
Processing triggers for initramfs-tools (0.140ubuntu13.1) ...
update-initramfs: Generating /boot/initrd.img-5.15.0-1031-aws
Scanning processes...
Scanning candidates...
Scanning linux images...
Restarting services...
systemctl restart apache2.service chrony.service packagekit.service systemd-resolved.service
Service restarts being deferred:
systemctl restart unattended-upgrades.service
No containers need to be restarted.
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-10-0-0-245: $ dpkg -l | grep -i mysql
ii php8.1-mysql 8.1.2-1ubuntu2.11 amd64 MySQL module for PHP
ubuntu@ip-10-0-0-245: $

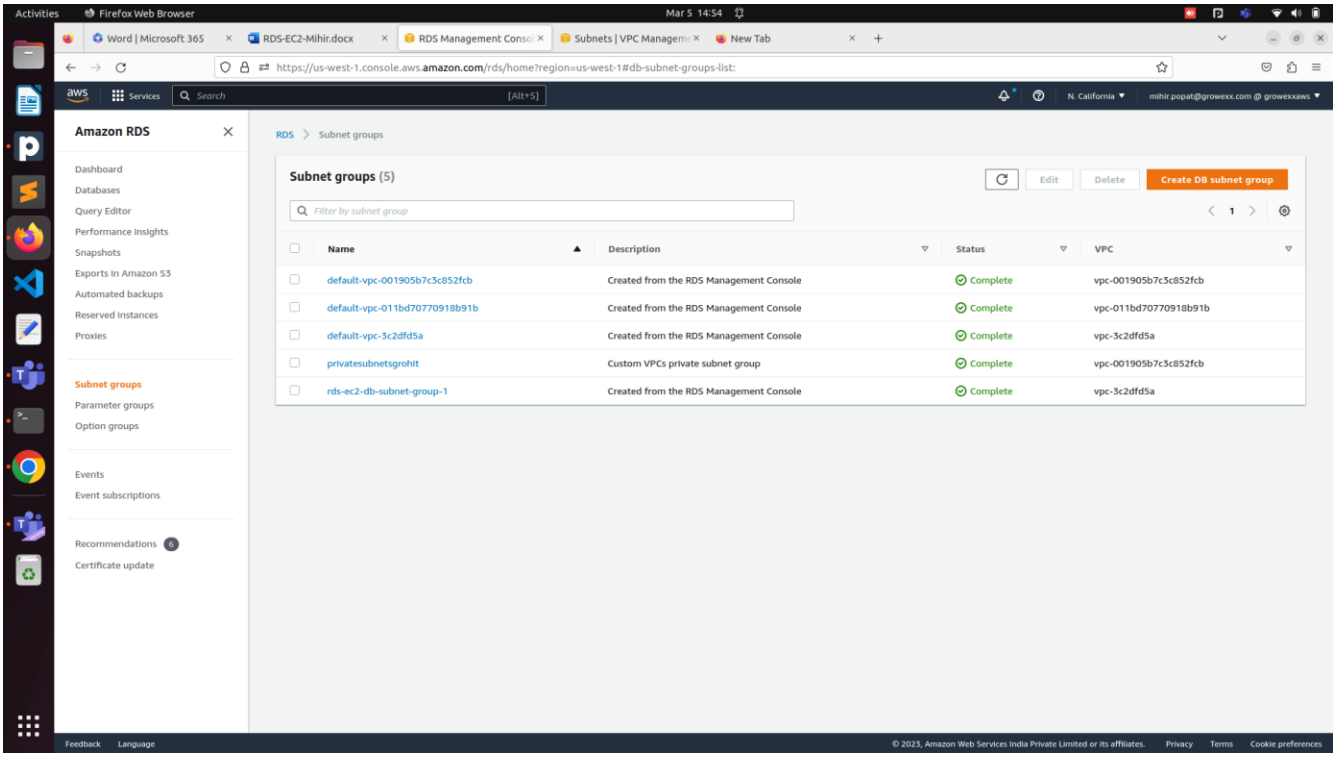

Activities
Terminal
Mar 5 12:11
ubuntu@ip-10-0-0-245: ~
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-10-0-0-245:~$ dpkg -l | grep -i mysql
ii php8.1-mysql 8.1.2-1ubuntu2.11 amd64 MySQL module for PHP
ubuntu@ip-10-0-0-245:~$ sudo apt-get install mysql-client
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
mysql-client-8.0 mysql-client-core-8.0 mysql-common
The following NEW packages will be installed:
mysql-client mysql-client-8.0 mysql-client-core-8.0 mysql-common
0 upgraded, 4 newly installed, 0 to remove and 14 not upgraded.
Need to get 2716 kB of archives.
After this operation, 62.1 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-core-8.0 amd64 8.0.32-0ubuntu0.22.04.2 [2677 kB]
Get:2 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mysql-common all 5.8+1.0.8 [7212 B]
Get:3 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-8.0 amd64 8.0.32-0ubuntu0.22.04.2 [22.7 kB]
Get:4 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client all 8.0.32-0ubuntu0.22.04.2 [9350 B]
Fetched 2716 kB in 0s (29.5 MB/s)
Selecting previously unselected package mysql-client-core-8.0.
(Reading database ... 93318 files and directories currently installed.)
Preparing to unpack .../mysql-client-core-8.0_8.0.32-0ubuntu0.22.04.2_amd64.deb ...
Unpacking mysql-client-core-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Selecting previously unselected package mysql-common.
Preparing to unpack .../mysql-common_5.8+1.0.8_all.deb ...
Unpacking mysql-common (5.8+1.0.8) ...
Selecting previously unselected package mysql-client-8.0.
Preparing to unpack .../mysql-client-8.0_8.0.32-0ubuntu0.22.04.2_amd64.deb ...
Unpacking mysql-client-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Selecting previously unselected package mysql-client.
Preparing to unpack .../mysql-client_8.0.32-0ubuntu0.22.04.2_all.deb ...
Unpacking mysql-client (8.0.32-0ubuntu0.22.04.2) ...
Setting up mysql-common (5.8+1.0.8) ...
update-alternatives: using /etc/mysql/my.cnf.fallback to provide /etc/mysql/my.cnf (my.cnf) in auto mode
Setting up mysql-client-core-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Setting up mysql-client-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Setting up mysql-client (8.0.32-0ubuntu0.22.04.2) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning candidates...
Scanning linux images...
Restarting services...
Service restarts being deferred:
systemctl restart unattended-upgrades.service
No containers need to be restarted.
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-10-0-0-245:~$


Activities
Terminal
Mar 5 12:11
ubuntu@ip-10-0-0-245: ~
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
mysql-client-8.0 mysql-client-core-8.0 mysql-common
The following NEW packages will be installed:
mysql-client mysql-client-8.0 mysql-client-core-8.0 mysql-common
0 upgraded, 4 newly installed, 0 to remove and 14 not upgraded.
Need to get 2716 kB of archives.
After this operation, 62.1 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-core-8.0 amd64 8.0.32-0ubuntu0.22.04.2 [2677 kB]
Get:2 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy/main amd64 mysql-common all 5.8+1.0.8 [7212 B]
Get:3 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client-8.0 amd64 8.0.32-0ubuntu0.22.04.2 [22.7 kB]
Get:4 http://us-west-1.ec2.archive.ubuntu.com/ubuntu jammy-updates/main amd64 mysql-client all 8.0.32-0ubuntu0.22.04.2 [9350 B]
Fetched 2716 kB in 0s (29.5 MB/s)
Selecting previously unselected package mysql-client-core-8.0.
(Reading database ... 93318 files and directories currently installed.)
Preparing to unpack .../mysql-client-core-8.0_8.0.32-0ubuntu0.22.04.2_amd64.deb ...
Unpacking mysql-client-core-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Selecting previously unselected package mysql-common.
Preparing to unpack .../mysql-common_5.8+1.0.8_all.deb ...
Unpacking mysql-common (5.8+1.0.8) ...
Selecting previously unselected package mysql-client-8.0.
Preparing to unpack .../mysql-client-8.0_8.0.32-0ubuntu0.22.04.2_amd64.deb ...
Unpacking mysql-client-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Selecting previously unselected package mysql-client.
Preparing to unpack .../mysql-client_8.0.32-0ubuntu0.22.04.2_all.deb ...
Unpacking mysql-client (8.0.32-0ubuntu0.22.04.2) ...
Setting up mysql-common (5.8+1.0.8) ...
update-alternatives: using /etc/mysql/my.cnf.fallback to provide /etc/mysql/my.cnf (my.cnf) in auto mode
Setting up mysql-client-core-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Setting up mysql-client-8.0 (8.0.32-0ubuntu0.22.04.2) ...
Setting up mysql-client (8.0.32-0ubuntu0.22.04.2) ...
Processing triggers for man-db (2.10.2-1) ...
Scanning processes...
Scanning candidates...
Scanning linux images...
Restarting services...
Service restarts being deferred:
systemctl restart unattended-upgrades.service
No containers need to be restarted.
No user sessions are running outdated binaries.
No VM guests are running outdated hypervisor (qemu) binaries on this host.
ubuntu@ip-10-0-0-245:~$ dpkg -l | grep -i mysql
ii mysql-client 8.0.32-0ubuntu0.22.04.2 all MySQL database client (metapackage depending on the latest version)
ii mysql-client-8.0 8.0.32-0ubuntu0.22.04.2 amd64 MySQL database client binaries
ii mysql-client-core-8.0 8.0.32-0ubuntu0.22.04.2 amd64 MySQL database core client binaries
ii mysql-common 5.8+1.0.8 all MySQL database common files, e.g. /etc/mysql/my.cnf
ii php8.1-mysql 8.1.2-1ubuntu2.11 amd64 MySQL module for PHP
ubuntu@ip-10-0-0-245:~$

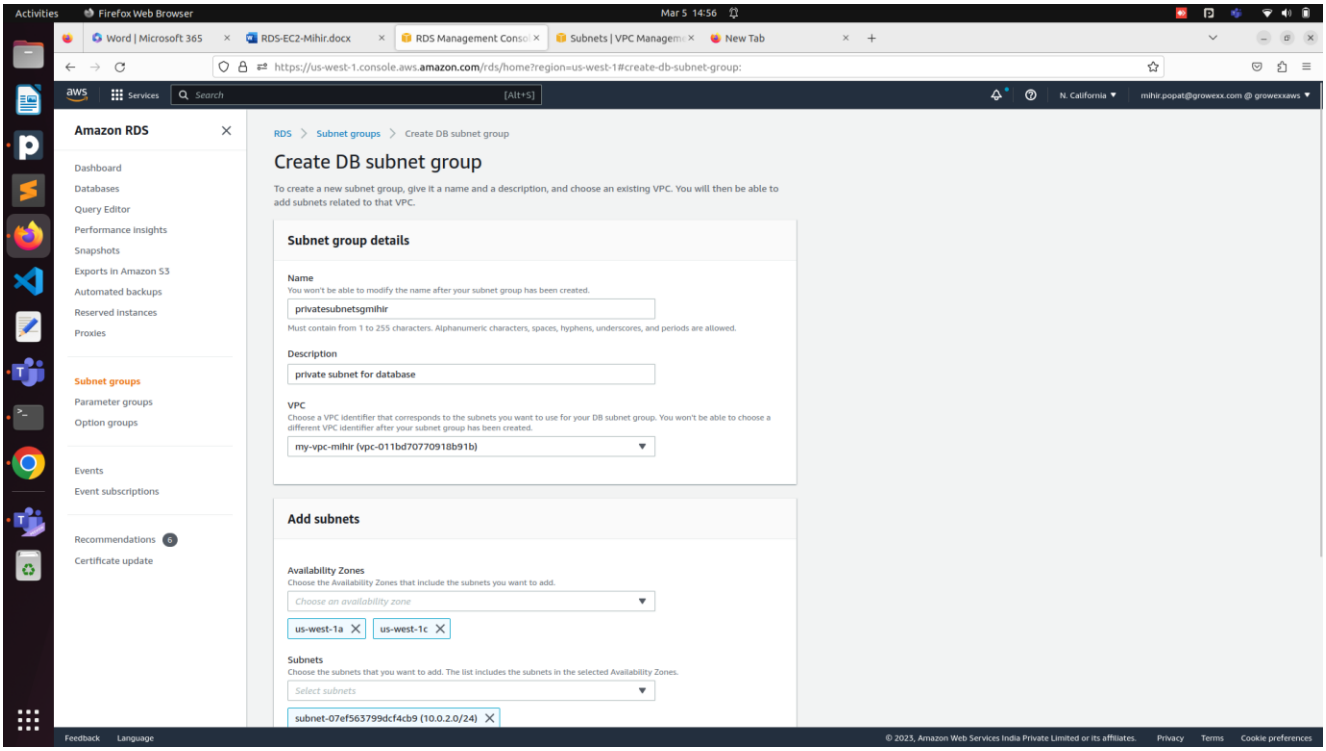
DELETING RDS

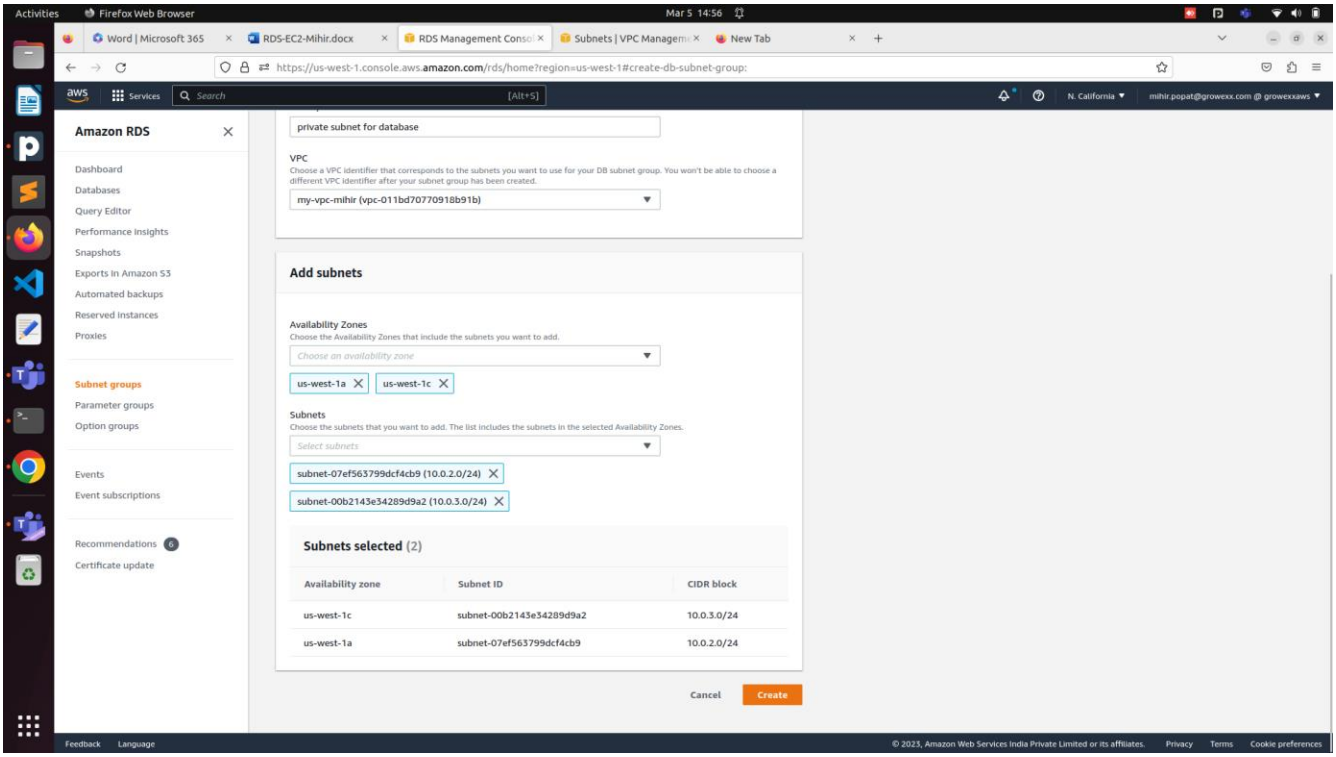


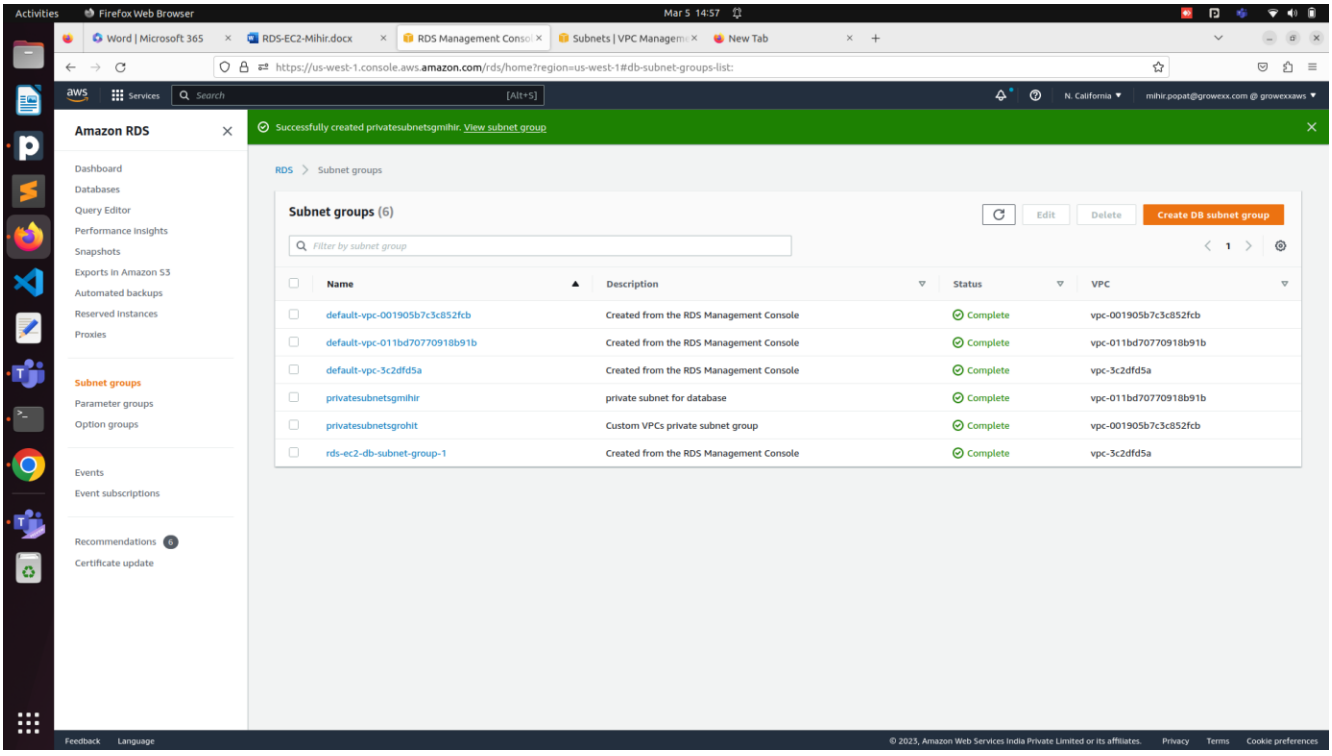
First create subnet group



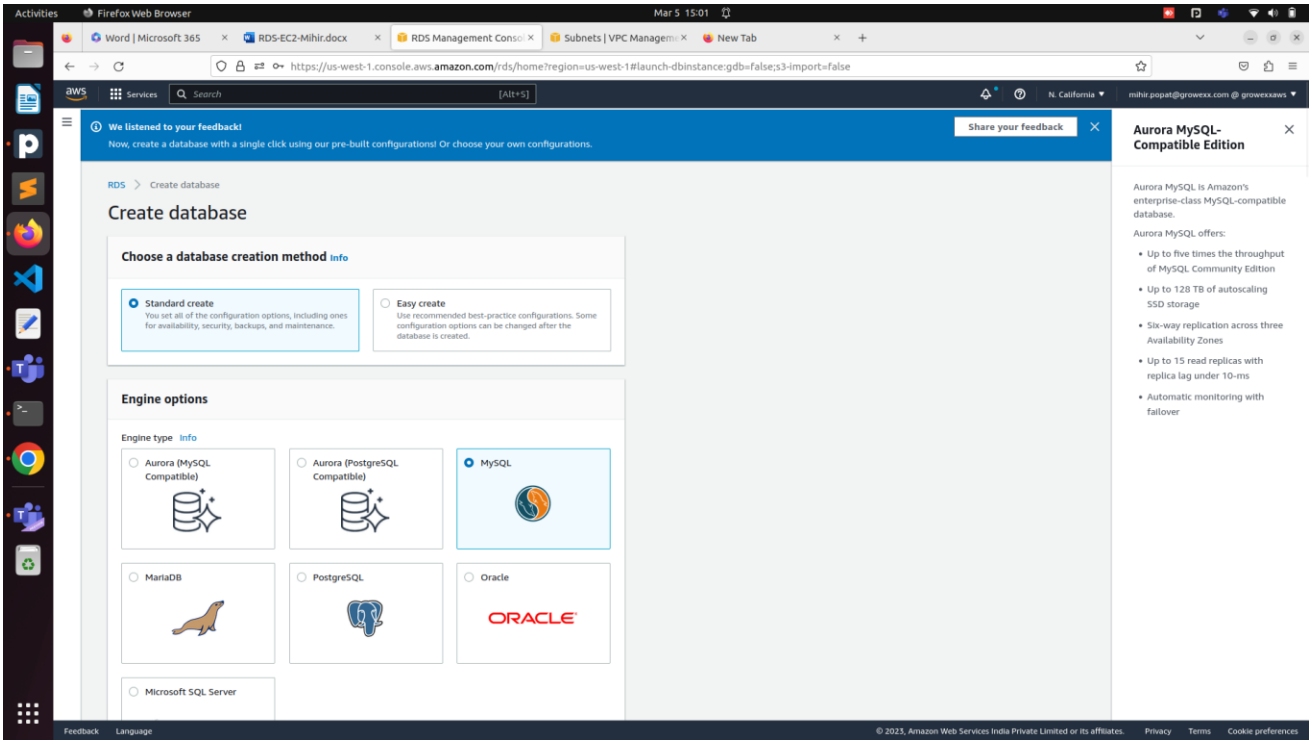
Now click on subnet group







Now create rds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Subnets | VPC Manageme
New Tab
https://us-west-1.console.aws.amazon.com/rds/home?region=us-west-1#launch-dbinstance:gdb=false;s3-import=false
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We listened to your feedback!
Now, create a database with a single click using our pre-built configurations! Or choose your own configurations.
Share your feedback
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.
Engine options
Engine type Info
Aurora (MySQL Compatible)
Aurora (PostgreSQL Compatible)
MySQL
MariaDB
PostgreSQL
Oracle
ORACLE
Microsoft SQL Server
Aurora MySQL-Compatible Edition
Aurora MySQL is Amazon's enterprise-class MySQL-compatible database.
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Up to five times the throughput of MySQL Community Edition
Up to 128 TB of autoscaling SSD storage
Six-way replication across three Availability Zones
Up to 15 read replicas with replica lag under 10-ms
Automatic monitoring with failover
Feedback
Language
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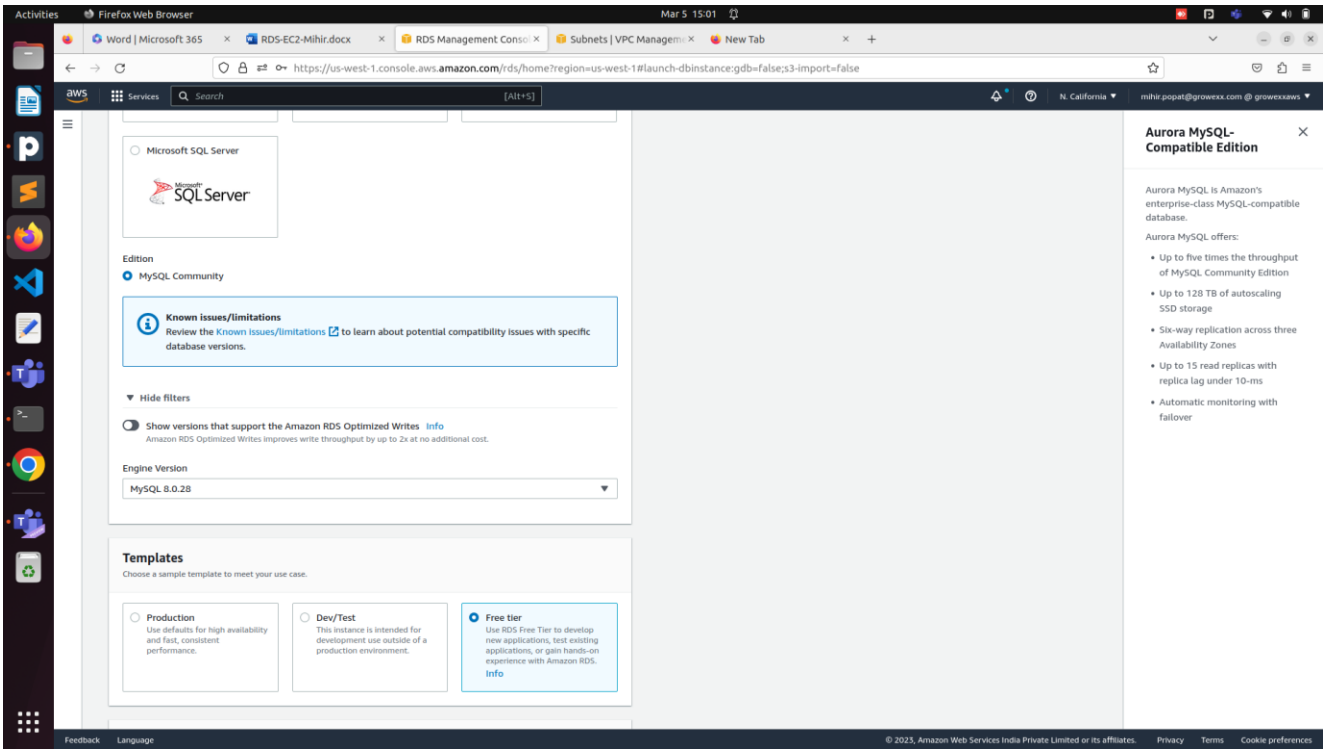
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Microsoft SQL Server
Edition
MySQL Community
Known issues/limitations
Review the Known issues/limitations to learn about potential compatibility issues with specific database versions.
Hide filters
Show versions that support the Amazon RDS Optimized Writes Info
Amazon RDS Optimized Writes improves write throughput by up to 2x at no additional cost.
Engine Version
MySQL 8.0.28
Templates
Choose a sample template to meet your use case.
Production
Use defaults for high availability and fast, consistent performance.
Dev/Test
This instance is intended for development use outside of a production environment.
Free tier
Use RDS Free Tier to develop new applications, test existing applications, or gain hands-on experience with Amazon RDS.
Info
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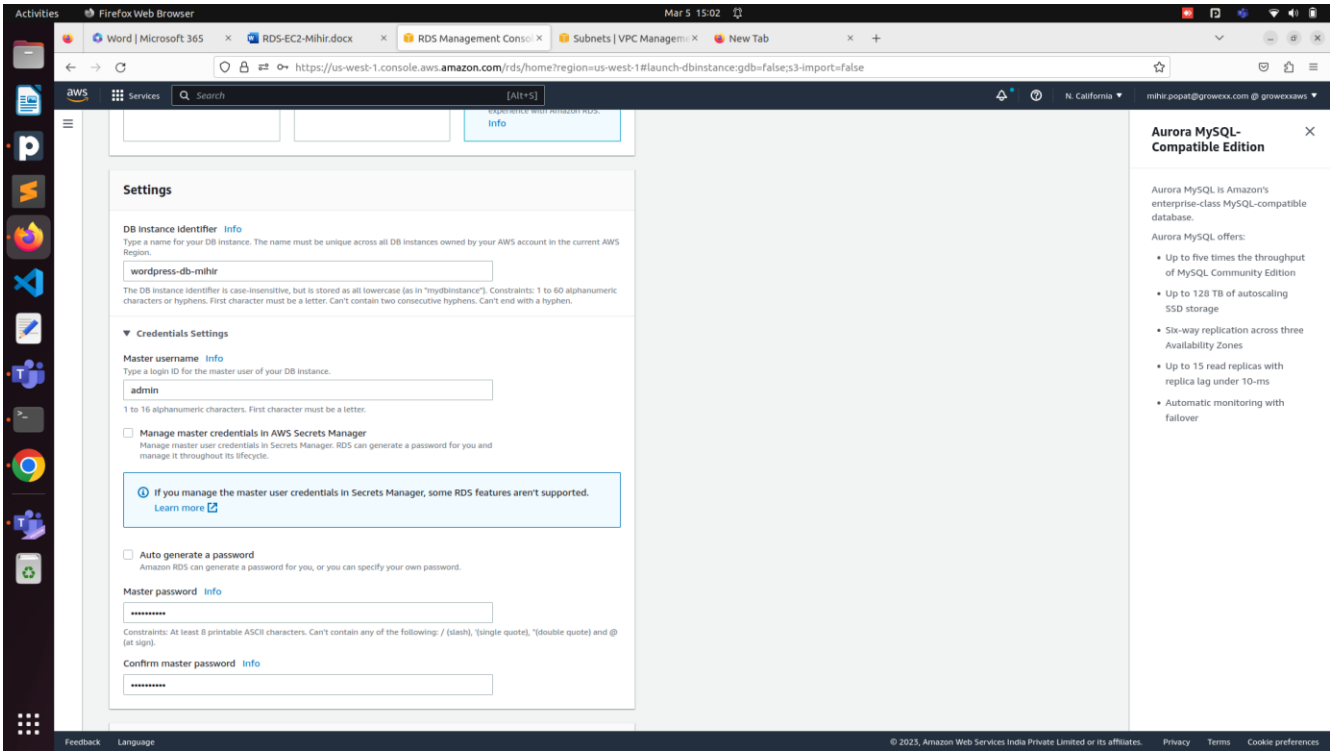
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Info
Settings
DB instance identifier Info
Type a name for your DB instance. The name must be unique across all DB instances owned by your AWS account in the current AWS Region.
wordpress-db-mihir
The DB instance identifier is case-insensitive, but 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.
Credentials Settings
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.
Manage master credentials in AWS Secrets Manager
Manage master user credentials in Secrets Manager. RDS can generate a password for you and manage it throughout its lifecycle.
If you manage the master user credentials in Secrets Manager, some RDS features aren't supported.
Learn more
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
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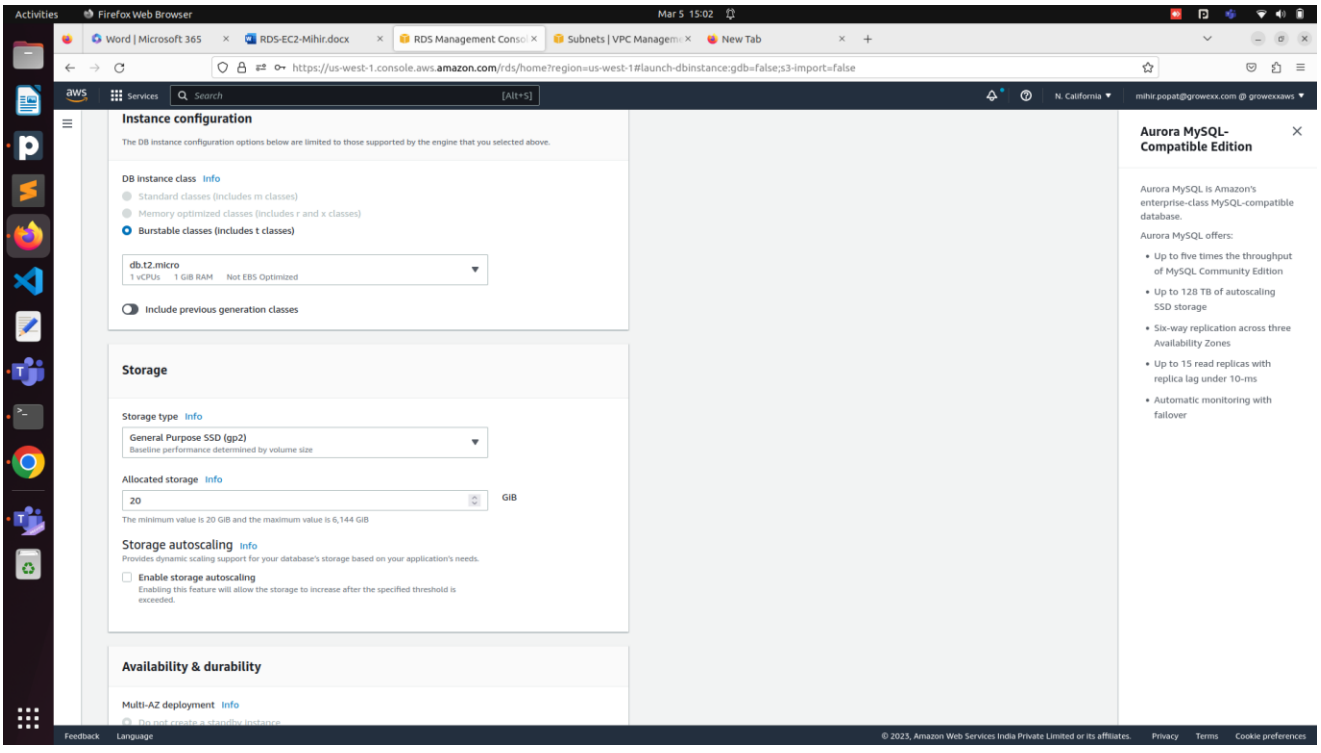
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aws
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Instance configuration
The DB instance configuration options below are limited to those supported by the engine that you selected above.
DB instance class Info
Standard classes (includes m classes)
Memory optimized classes (includes r and x classes)
Burstable classes (includes t classes)
db.t2.micro
1 vCPUs 1 GiB RAM Not EBS Optimized
Include previous generation classes
Storage
Storage type Info
General Purpose SSD (gp2)
Baseline performance determined by volume size
Allocated storage Info
20
GiB
The minimum value is 20 GiB and the maximum value is 6,144 GiB
Storage autoscaling Info
Provides dynamic scaling support for your database's storage based on your application's needs.
Enable storage autoscaling
Enabling this feature will allow the storage to increase after the specified threshold is exceeded.
Availability & durability
Multi-AZ deployment Info
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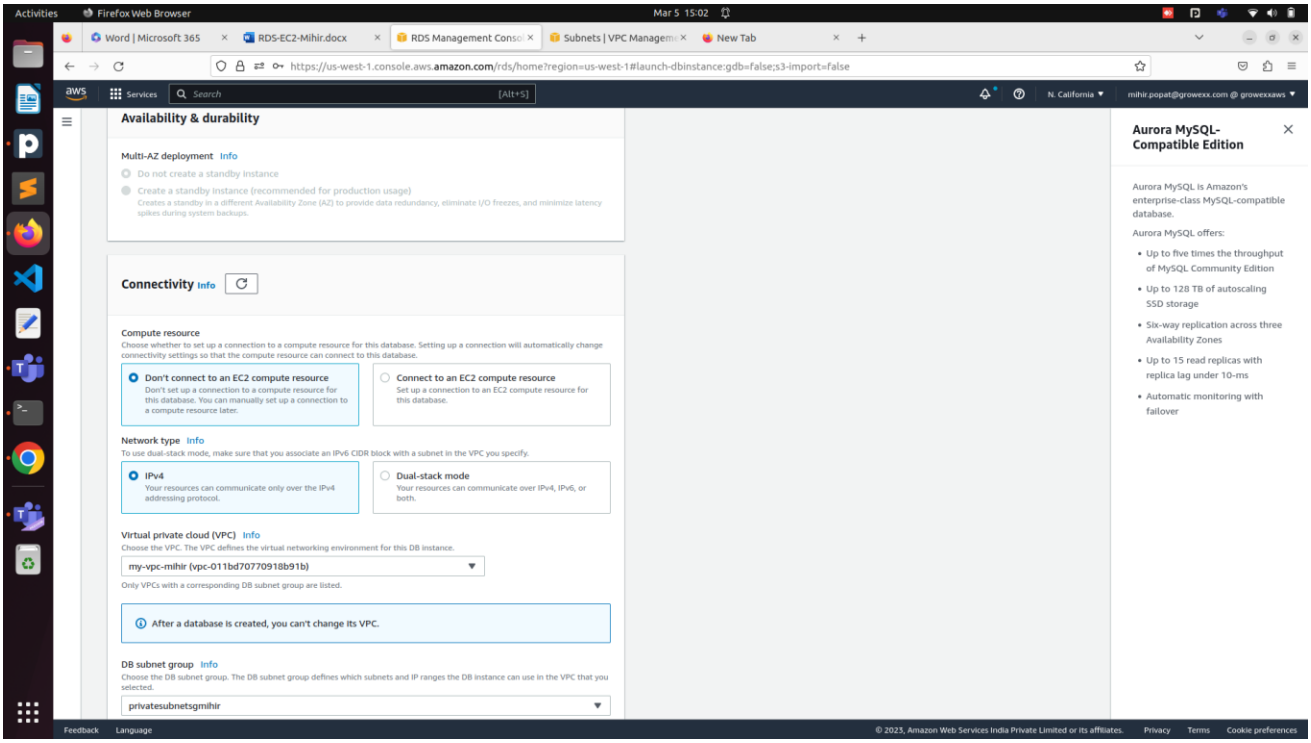
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Availability & durability
Multi-AZ deployment Info
Do not create a standby instance
Create a standby instance (recommended for production usage)
Creates a standby in a different Availability Zone (AZ) to provide data redundancy, eliminate I/O freezes, and minimize latency spikes during system backups.
Connectivity Info
Compute resource
Choose whether to set up a connection to a compute resource for this database. Setting up a connection will automatically change connectivity settings so that the compute resource can connect to this database.
Don't connect to an EC2 compute resource
Don't set up a connection to a compute resource for this database. You can manually set up a connection to a compute resource later.
Connect to an EC2 compute resource
Set up a connection to an EC2 compute resource for this database.
Network type Info
To use dual-stack mode, make sure that you associate an IPv6 CIDR block with a subnet in the VPC you specify.
IPv4
Your resources can communicate only over the IPv4 addressing protocol.
Dual-stack mode
Your resources can communicate over IPv4, IPv6, or both.
Virtual private cloud (VPC) Info
Choose the VPC. The VPC defines the virtual networking environment for this DB instance.
my-vpc-mihir (vpc-011bd70770918b91b)
Only VPCs with a corresponding DB subnet group are listed.
After a database is created, you can't change its VPC.
DB subnet group Info
Choose the DB subnet group. The DB subnet group defines which subnets and IP ranges the DB instance can use in the VPC that you selected.
privatesubnetsgmihir
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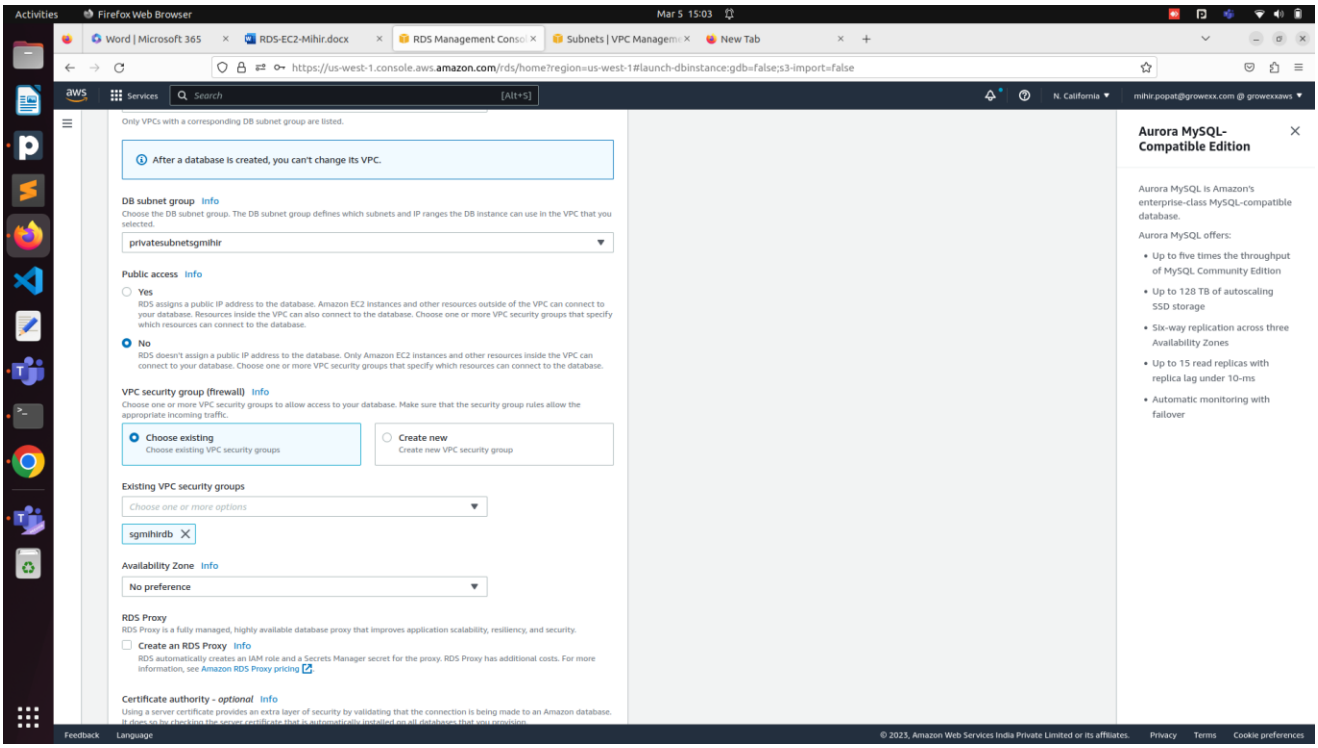
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Only VPCs with a corresponding DB subnet group are listed.
After a database is created, you can't change its VPC.
DB subnet group Info
Choose the DB subnet group. The DB subnet group defines which subnets and IP ranges the DB instance can use in the VPC that you selected.
privatesubnetsgmihir
Public access Info
Yes
RDS assigns a public IP address to the database. Amazon EC2 instances and other resources outside of the VPC can connect to your database. Resources inside the VPC can also connect to the database. Choose one or more VPC security groups that specify which resources can connect to the database.
No
RDS doesn't assign a public IP address to the database. Only Amazon EC2 instances and other resources inside the VPC can connect to your database. Choose one or more VPC security groups that specify which resources can connect to the database.
VPC security group (firewall) Info
Choose one or more VPC security groups to allow access to your database. Make sure that the security group rules allow the appropriate incoming traffic.
Choose existing
Choose existing VPC security groups
Create new
Create new VPC security group
Existing VPC security groups
Choose one or more options
sgmihirdb
Availability Zone Info
No preference
RDS Proxy
RDS Proxy is a fully managed, highly available database proxy that improves application scalability, resiliency, and security.
Create an RDS Proxy Info
RDS automatically creates an IAM role and a Secrets Manager secret for the proxy. RDS Proxy has additional costs. For more information, see Amazon RDS Proxy pricing
Certificate authority - optional Info
Using a server certificate provides an extra layer of security by validating that the connection is being made to an Amazon database.
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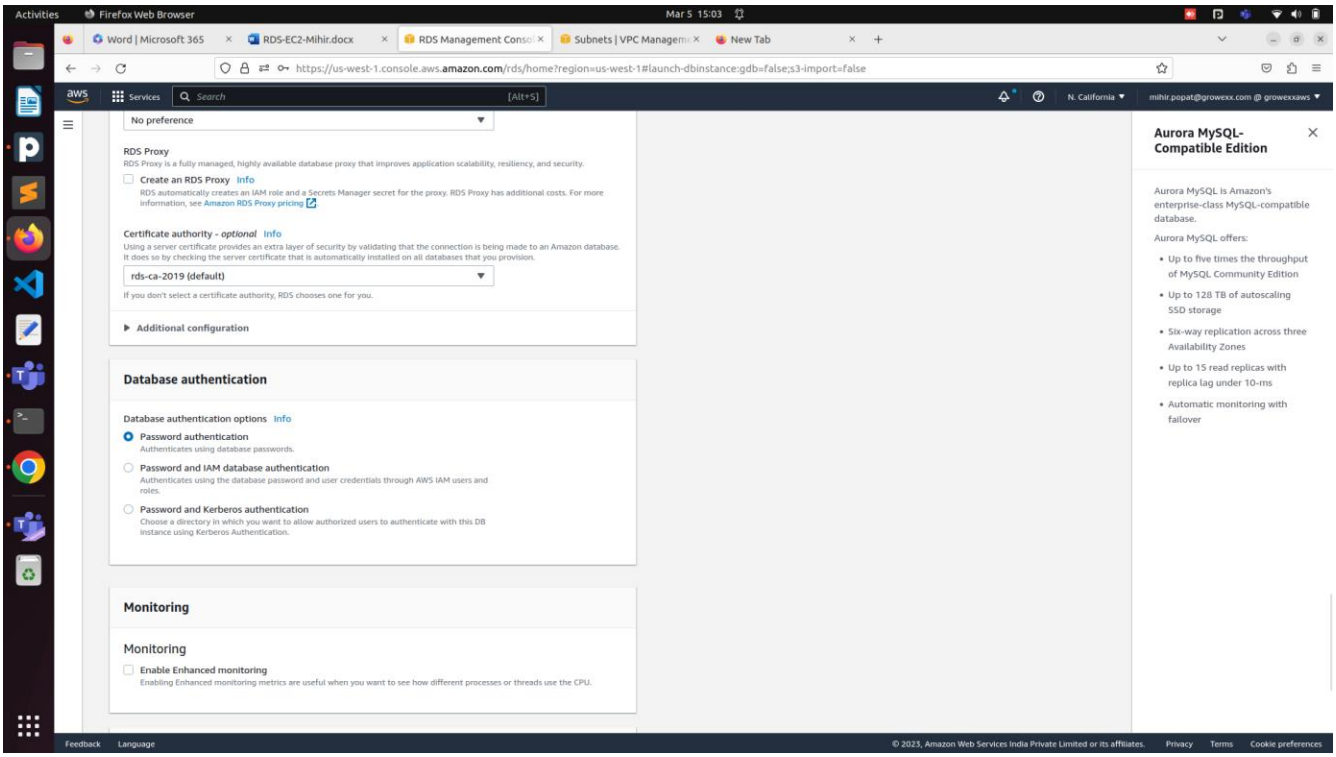
No preference
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Create an RDS Proxy Info
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Certificate authority - optional Info
Using a server certificate provides an extra layer of security by validating that the connection is being made to an Amazon database. It does so by checking the server certificate that is automatically installed on all databases that you provision.
rds-ca-2019 (default)
If you don't select a certificate authority, RDS chooses one for you.
Additional configuration
Database authentication
Database authentication options Info
Password authentication
Authenticates using database passwords.
Password and IAM database authentication
Authenticates using the database password and user credentials through AWS IAM users and roles.
Password and Kerberos authentication
Choose a directory in which you want to allow authorized users to authenticate with this DB instance using Kerberos Authentication.
Monitoring
Monitoring
Enable Enhanced monitoring
Enabling Enhanced monitoring metrics are useful when you want to see how different processes or threads use the CPU.
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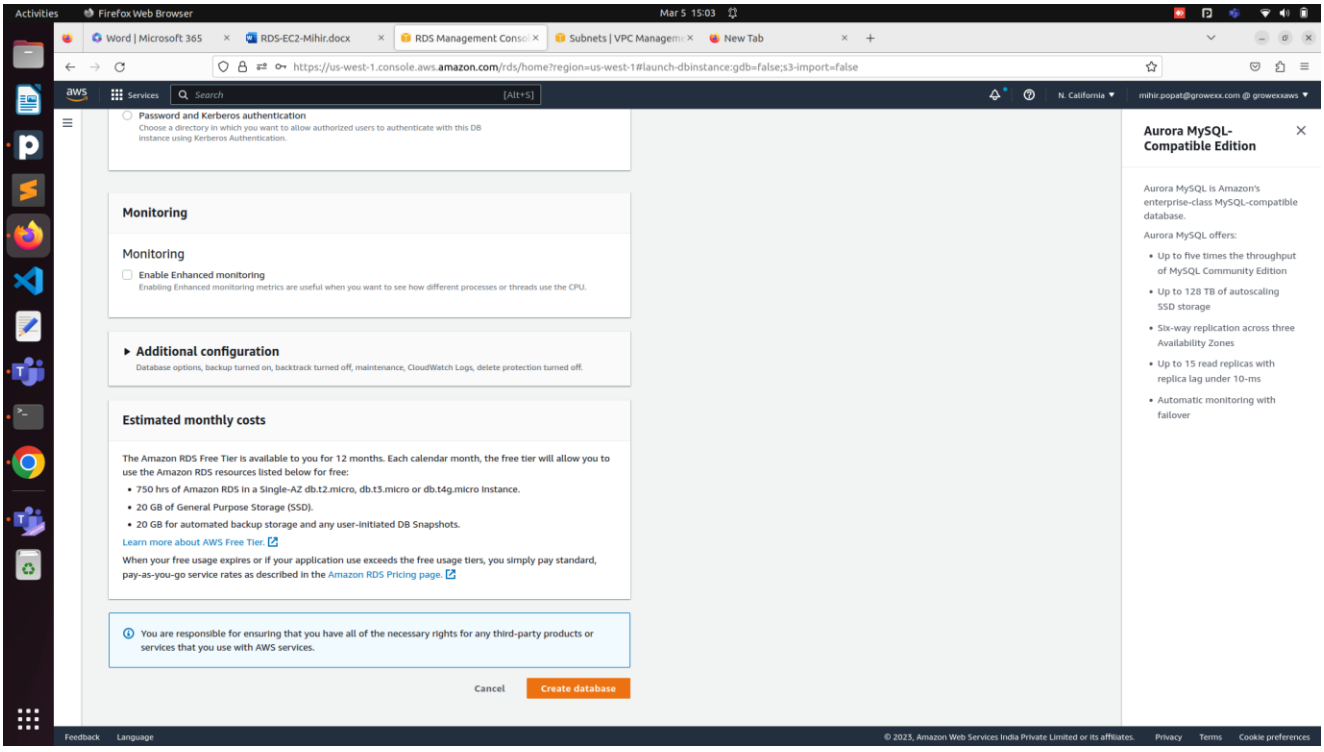
Password and Kerberos authentication
Choose a directory in which you want to allow authorized users to authenticate with this DB instance using Kerberos Authentication.
Monitoring
Monitoring
Enable Enhanced monitoring
Enabling Enhanced monitoring metrics are useful when you want to see how different processes or threads use the CPU.
Additional configuration
Database options, backup turned on, backtrack turned off, maintenance, CloudWatch Logs, delete protection turned off.
Estimated monthly costs
The Amazon RDS Free Tier is available to you for 12 months. Each calendar month, the free tier will allow you to use the Amazon RDS resources listed below for free:
750 hrs of Amazon RDS in a Single-AZ db.t2.micro, db.t3.micro or db.t4g.micro instance.
20 GB of General Purpose Storage (SSD).
20 GB for automated backup storage and any user-initiated DB Snapshots.
Learn more about AWS Free Tier.
When your free usage expires or if your application use exceeds the free usage tiers, you simply pay standard, pay-as-you-go service rates as described in the Amazon RDS Pricing page.
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
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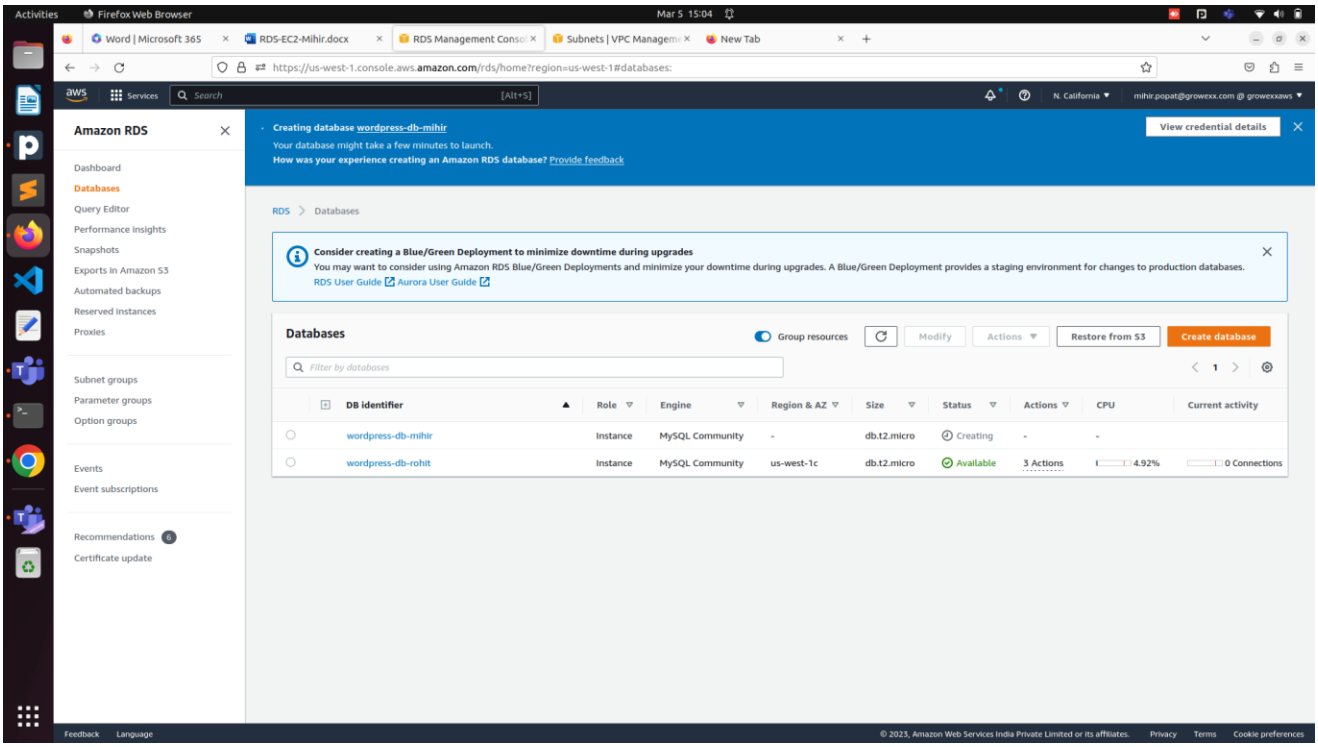
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Recommendations 6
Certificate update
Creating database wordpress-db-mihir
Your database might take a few minutes to launch.
How was your experience creating an Amazon RDS database? Provide feedback
View credential details
RDS > Databases
Consider creating 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
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Create database
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DB identifier
Role
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wordpress-db-mihir
Instance
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-
db.t2.micro
Creating
-
-
wordpress-db-rohit
Instance
MySQL Community
us-west-1c
db.t2.micro
Available
3 Actions
4.92%
0 Connections
Feedback
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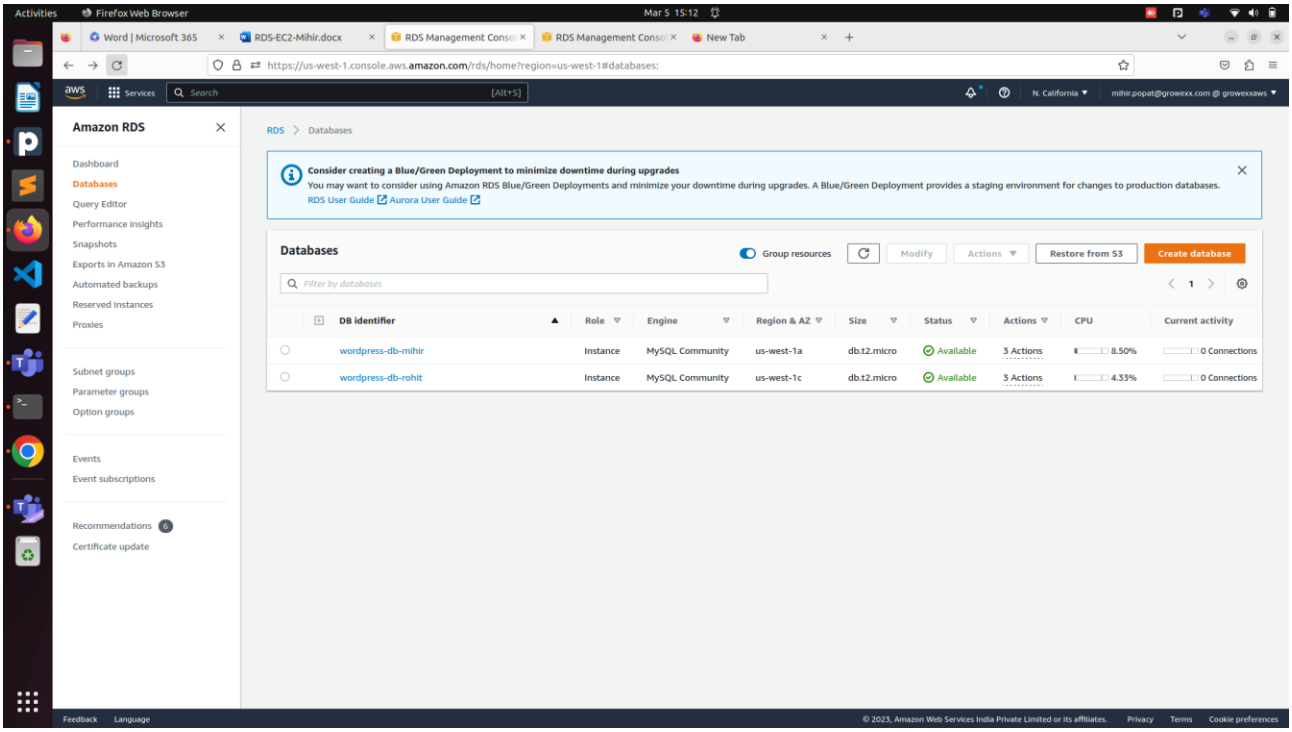
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Reserved instances
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Status
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CPU
Current activity
wordpress-db-mihir
Instance
MySQL Community
us-west-1a
db.t2.micro
Available
3 Actions
8.50%
0 Connections
wordpress-db-rohit
Instance
MySQL Community
us-west-1c
db.t2.micro
Available
3 Actions
4.33%
0 Connections
Feedback
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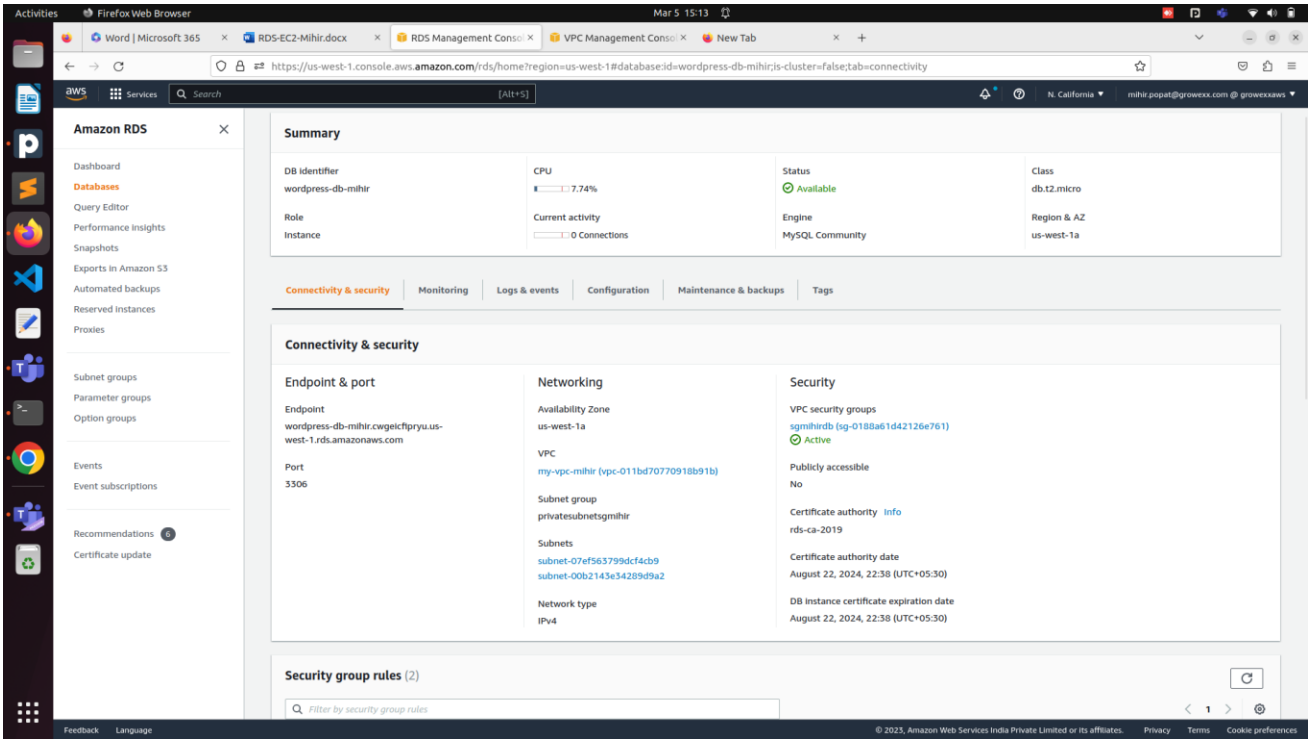
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VPC Management Conso
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https://us-west-1.console.aws.amazon.com/rds/home?region=us-west-1#database:id=wordpress-db-mihir;is-cluster=false;tab=connectivity
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Events
Event subscriptions
Recommendations 6
Certificate update
Summary
DB identifier
wordpress-db-mihir
CPU
7.74%
Status
Available
Class
db.t2.micro
Role
Instance
Current activity
0 Connections
Engine
MySQL Community
Region & AZ
us-west-1a
Connectivity & security
Monitoring
Logs & events
Configuration
Maintenance & backups
Tags
Connectivity & security
Endpoint & port
Endpoint
wordpress-db-mihir.cwgeicfpryu.us-west-1.rds.amazonaws.com
Port
3306
Networking
Availability Zone
us-west-1a
VPC
my-vpc-mihir (vpc-011bd70770918b91b)
Subnet group
privatesubnetsgmihir
Subnets
subnet-07ef563799dcf4cb9
subnet-00b2143e34289d9a2
Network type
IPv4
Security
VPC security groups
sgmihirdb (sg-0188a61d42126e761)
Active
Publicly accessible
No
Certificate authority Info
rds-ca-2019
Certificate authority date
August 22, 2024, 22:38 (UTC+05:30)
DB instance certificate expiration date
August 22, 2024, 22:38 (UTC+05:30)
Security group rules (2)
Filter by security group rules
Feedback
Language
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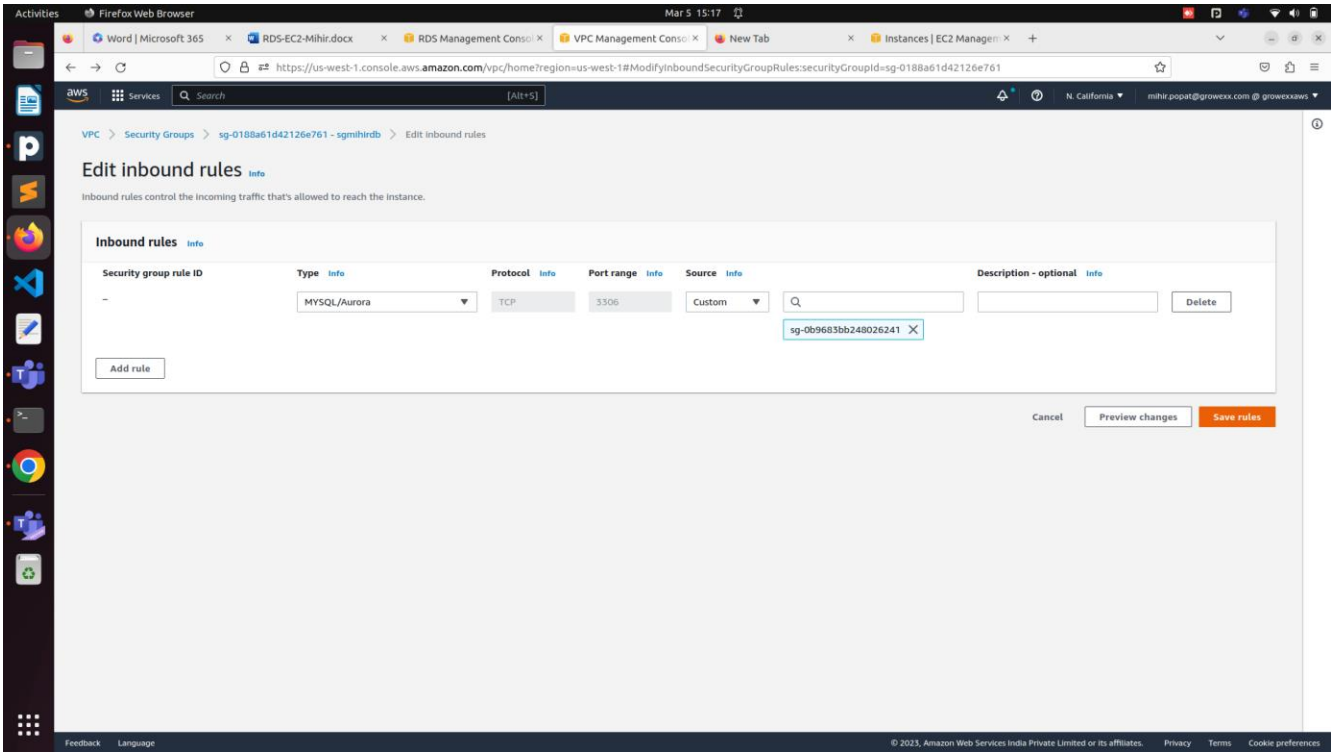
Activities
Firefox Web Browser
Mar 5 15:17
Word | Microsoft 365
RDS-EC2-Mihir.docx
RDS Management Conso
VPC Management Conso
New Tab
Instances | EC2 Manager
https://us-west-1.console.aws.amazon.com/vpc/home?region=us-west-1#ModifyInboundSecurityGroupRules:securityGroupId=sg-0188a61d42126e761
Services
Search
[Alt+S]
N. California
mihir.popat@growexx.com @ growexxaws
VPC > Security Groups > sg-0188a61d42126e761 - sgmihirdb > Edit inbound rules
Edit inbound rules Info
Inbound rules control the incoming traffic that's allowed to reach the instance.
Inbound rules Info
Security group rule ID
Type Info
Protocol Info
Port range Info
Source Info
Description - optional Info
-
MYSQL/Aurora
TCP
3306
Custom
sg-0b9683bb248026241
Delete
Add rule
Cancel
Preview changes
Save rules
Feedback
Language
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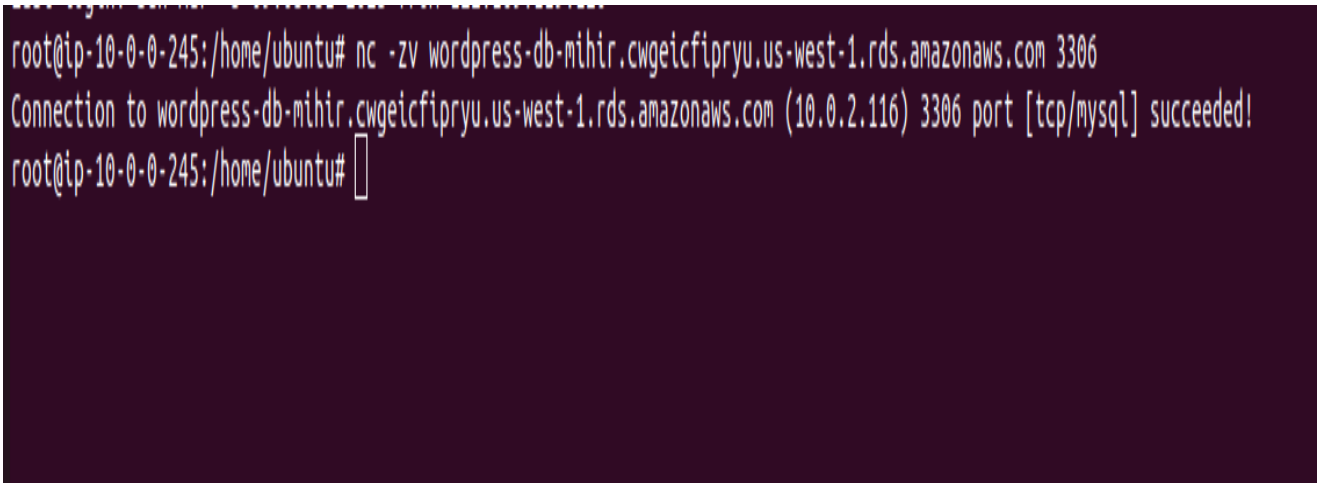
root@ip-10-0-0-245:/home/ubuntu# nc -zv wordpress-db-mihir.cwgeicfipryu.us-west-1.rds.amazonaws.com 3306
Connection to wordpress-db-mihir.cwgeicfipryu.us-west-1.rds.amazonaws.com (10.0.2.116) 3306 port [tcp/mysql] succeeded!
root@ip-10-0-0-245:/home/ubuntu#