AWS PROJECT-1

Amazon Elastic Compute Cloud (Amazon EC2) provides scalable computing capacity in the Amazon Web Services (AWS) cloud. Using Amazon EC2 eliminates your need to invest in hardware up front so you can develop and deploy applications faster. You can use Amazon EC2 to launch as many or as few virtual servers as you need, configure security and networking, and manage storage. Amazon EC2 enables you to scale up or down to handle changes in requirements or spikes in popularity, reducing your need to forecast traffic. Problem Statement: Company ABC wants to move their product to AWS. They have the following things set up right now:

1. MySQL DB 2. Website (PHP) The company wants high availability on this product, therefore wants Auto Scaling to be enabled on this website. Steps To Solve:

1. Launch an EC2 Instance

2. Enable Auto Scaling on these instances (minimum 2)

3. Create an RDS Instance

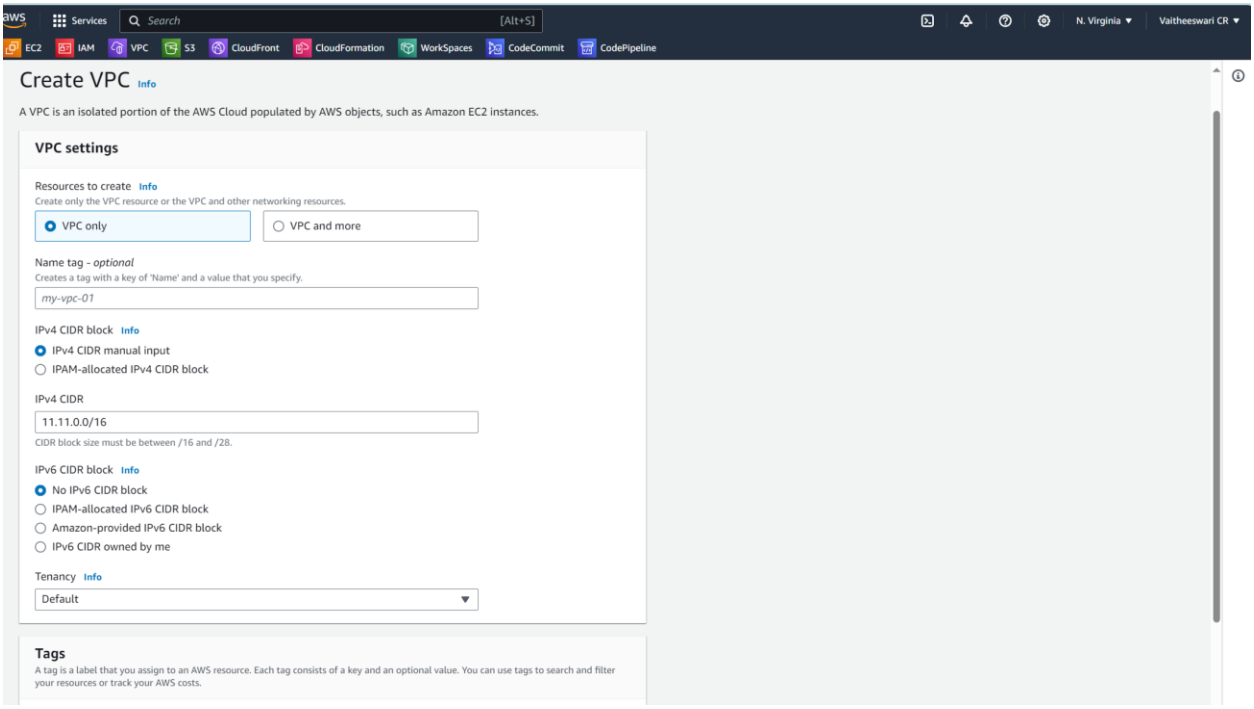
4. Create Database & Table in RDS instance: a. Database name: intel b. Table name: data c. Database password: intel123

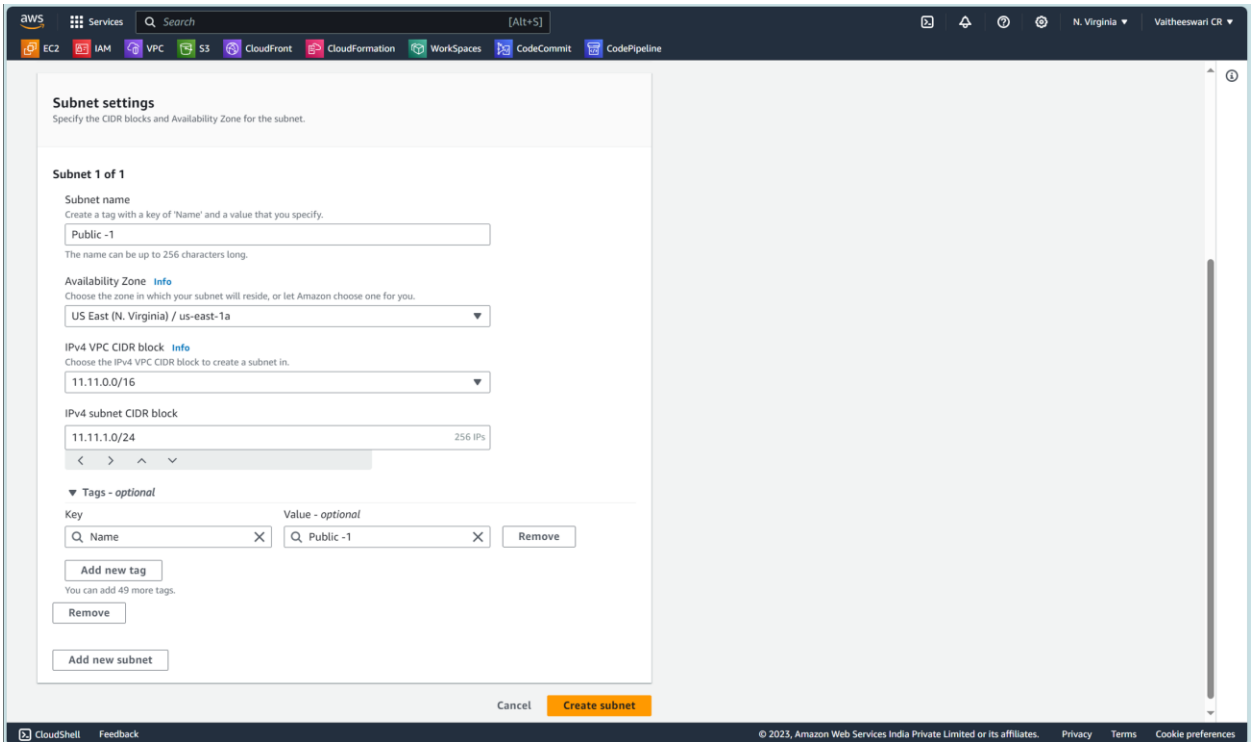
5. Change hostname in website

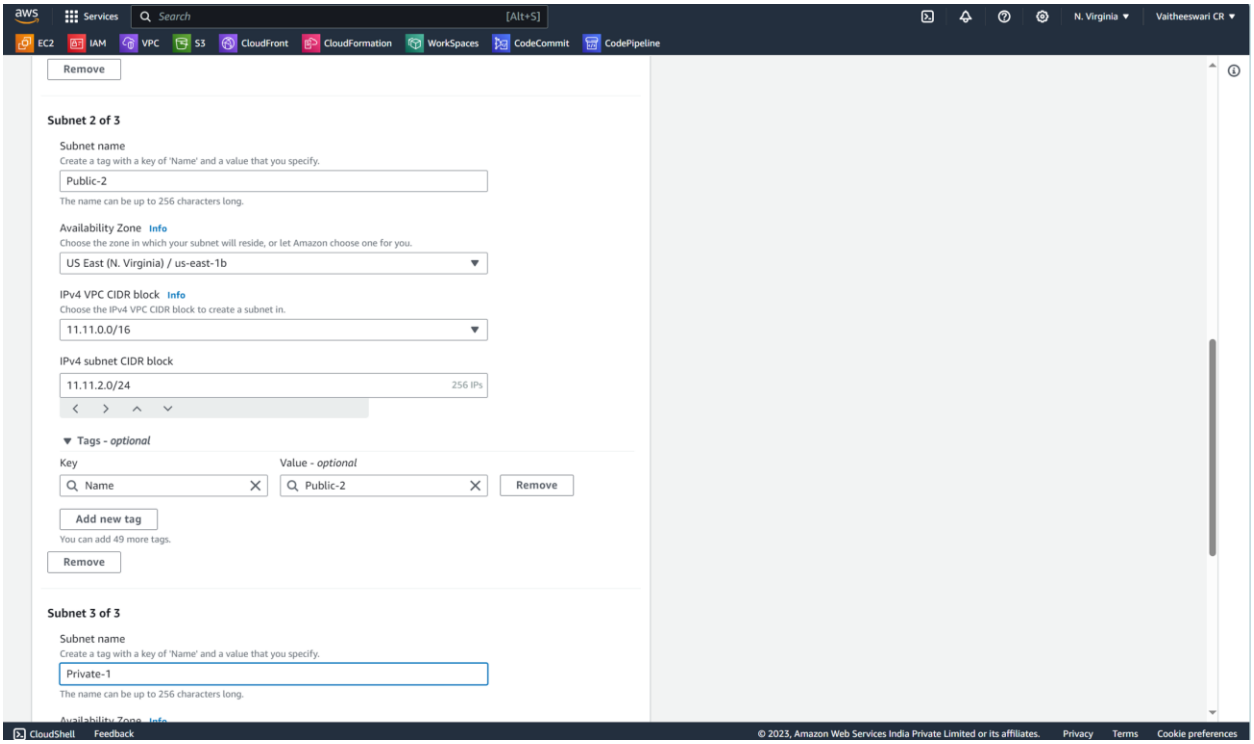
6. Allow traffic from EC2 to RDS instance and Allow all-traffic to EC2 instance

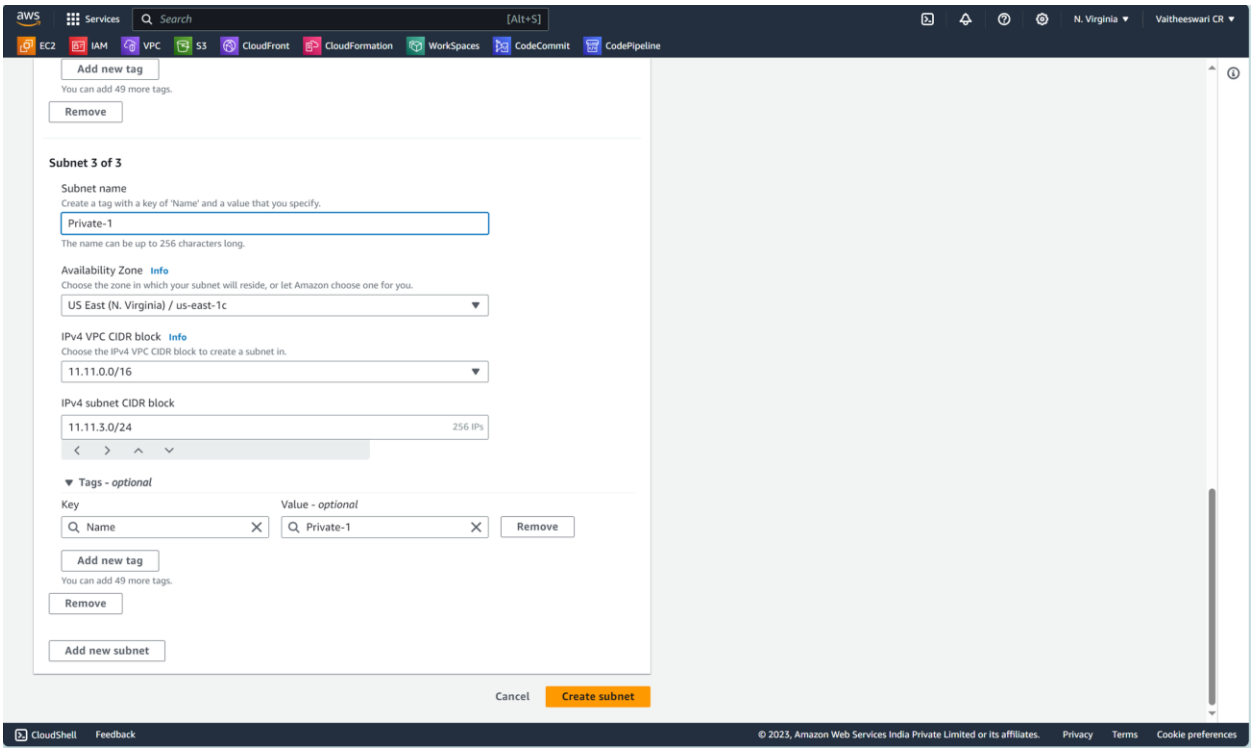
Solution:

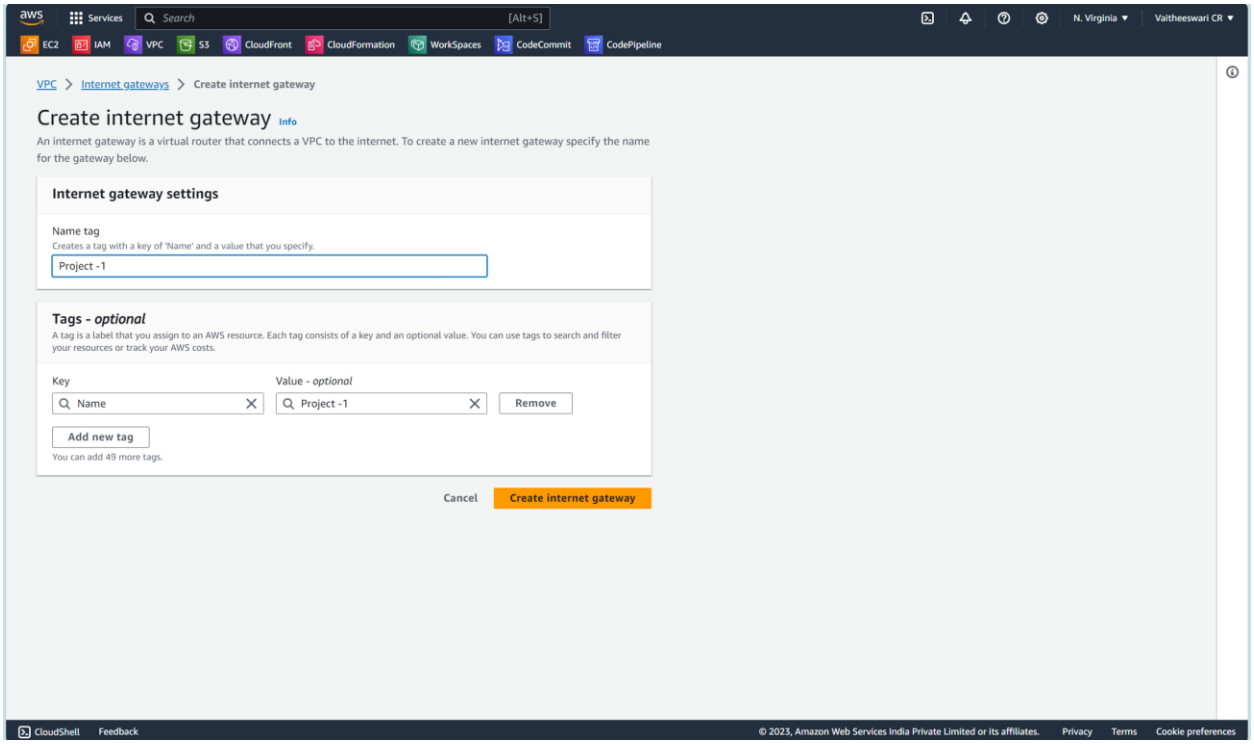
I ve Created the VPC first






Remove
Subnet 2 of 3
Subnet name
Create a tag with a key of 'Name' and a value that you specify.
Public-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 East (N. Virginia) / us-east-1b
IPv4 VPC CIDR block Info
Choose the IPv4 VPC CIDR block to create a subnet in.
11.11.0.0/16
IPv4 subnet CIDR block
11.11.2.0/24
256 IPs
Tags - optional
Key
Value - optional
Name
Public-2
Remove
Add new tag
You can add 49 more tags.
Remove
Subnet 3 of 3
Subnet name
Create a tag with a key of 'Name' and a value that you specify.
Private-1
The name can be up to 256 characters long.


Add new tag
You can add 49 more tags.
Remove
Subnet 3 of 3
Subnet name
Create a tag with a key of 'Name' and a value that you specify.
Private-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 East (N. Virginia) / us-east-1c
IPv4 VPC CIDR block Info
Choose the IPv4 VPC CIDR block to create a subnet in.
11.11.0.0/16
IPv4 subnet CIDR block
11.11.3.0/24
256 IPs
Tags - optional
Key
Value - optional
Name
Private-1
Remove
Add new tag
You can add 49 more tags.
Remove
Add new subnet
Cancel
Create subnet


Services
Search
[Alt+S]
N. Virginia
Vaitheeswari CR
EC2
IAM
VPC
S3
CloudFront
CloudFormation
WorkSpaces
CodeCommit
CodePipeline
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.
Project -1
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
Project -1
Remove
Add new tag
You can add 49 more tags.
Cancel
Create internet gateway
CloudShell
Feedback
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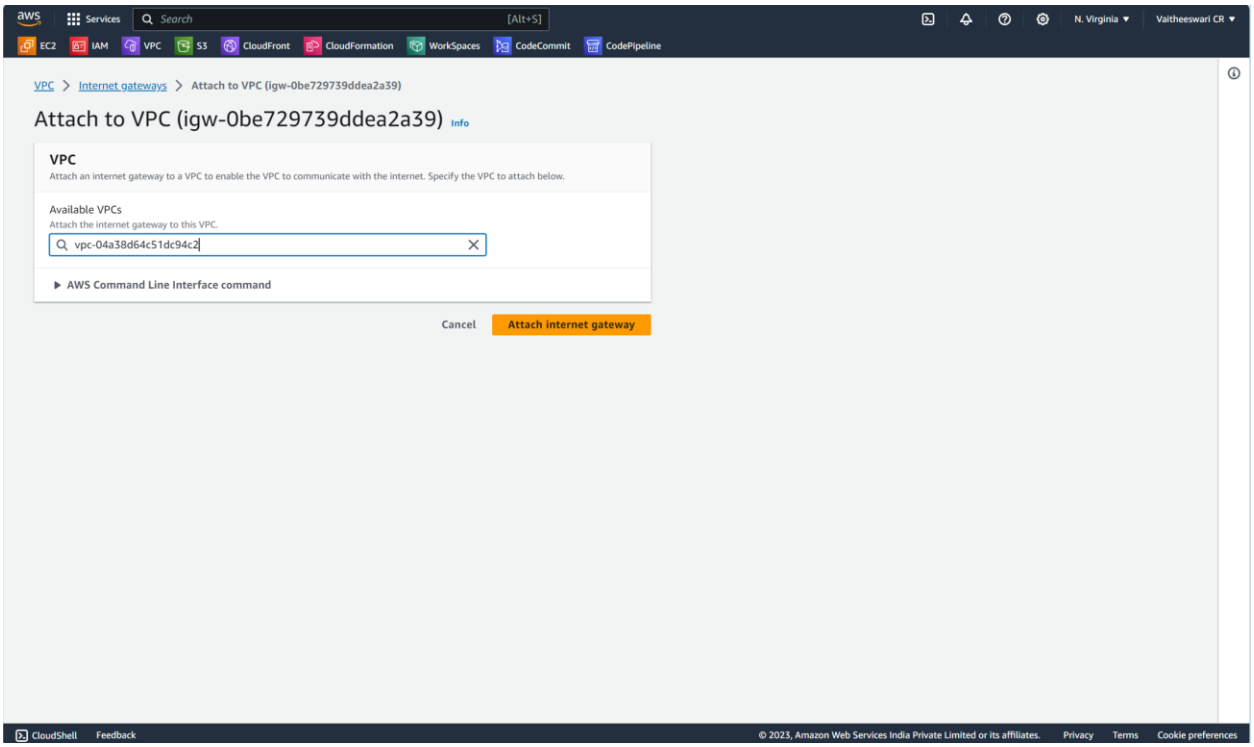
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CodePipeline
VPC > Internet gateways > Attach to VPC (igw-0be729739ddea2a39)
Attach to VPC (igw-0be729739ddea2a39) Info
VPC
Attach an internet gateway to a VPC to enable the VPC to communicate with the internet. Specify the VPC to attach below.
Available VPCs
Attach the internet gateway to this VPC.
vpc-04a38d64c51dc94c2
AWS Command Line Interface command
Cancel
Attach internet gateway
CloudShell
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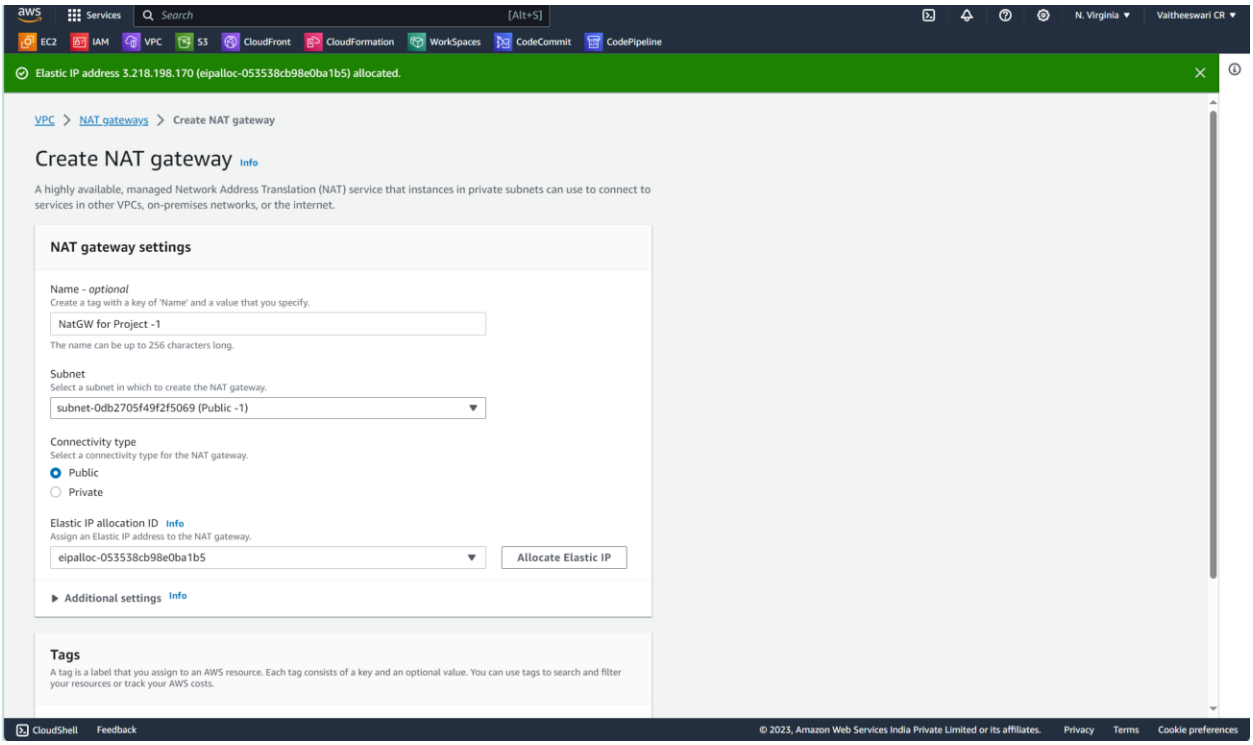
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CloudFormation
WorkSpaces
CodeCommit
CodePipeline
Elastic IP address 3.218.198.170 (eipalloc-053538cb98e0ba1b5) allocated.
VPC > NAT gateways > Create NAT gateway
Create NAT gateway Info
A highly available, managed Network Address Translation (NAT) service that instances in private subnets can use to connect to services in other VPCs, on-premises networks, or the internet.
NAT gateway settings
Name - optional
Create a tag with a key of 'Name' and a value that you specify.
NatGW for Project -1
The name can be up to 256 characters long.
Subnet
Select a subnet in which to create the NAT gateway.
subnet-0db2705f49f2f5069 (Public -1)
Connectivity type
Select a connectivity type for the NAT gateway.
Public
Private
Elastic IP allocation ID Info
Assign an Elastic IP address to the NAT gateway.
eipalloc-053538cb98e0ba1b5
Allocate Elastic IP
Additional settings Info
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.
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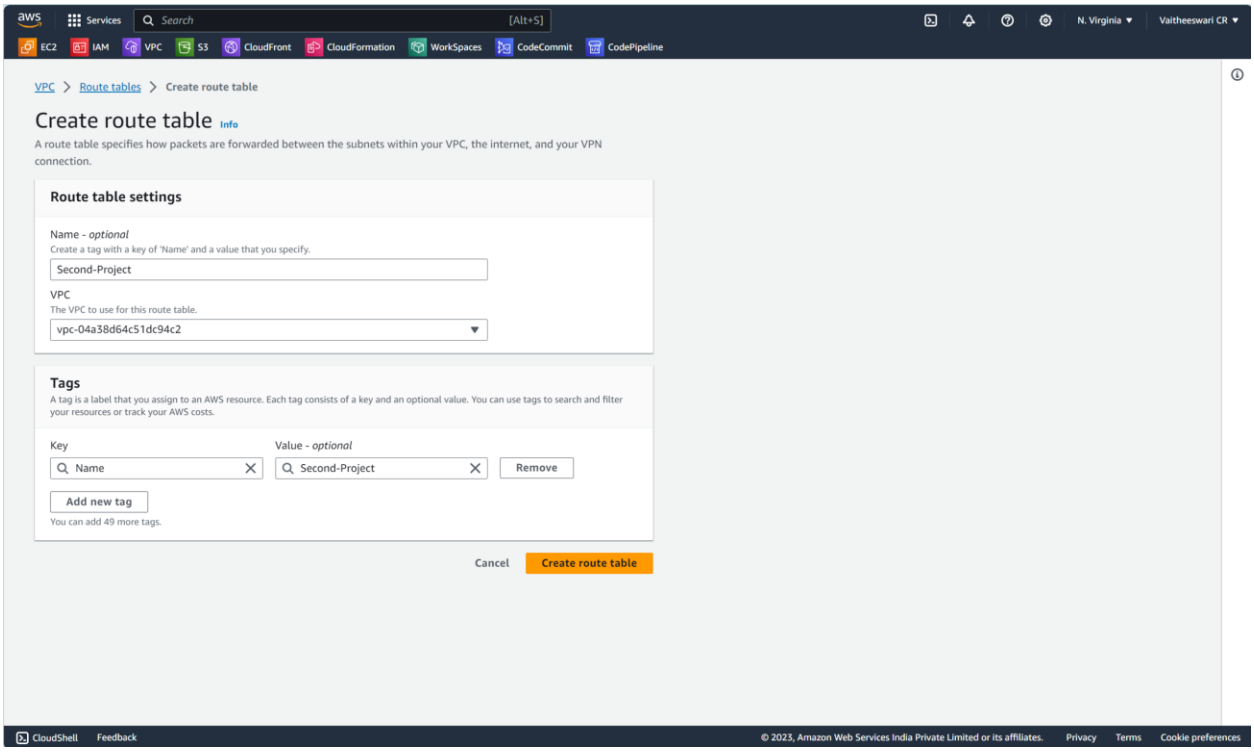
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CodeCommit
CodePipeline
VPC > Route tables > Create route table
Create route table Info
A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.
Route table settings
Name - optional
Create a tag with a key of 'Name' and a value that you specify.
Second-Project
VPC
The VPC to use for this route table.
vpc-04a38d64c51dc94c2
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
Second-Project
Remove
Add new tag
You can add 49 more tags.
Cancel
Create route table
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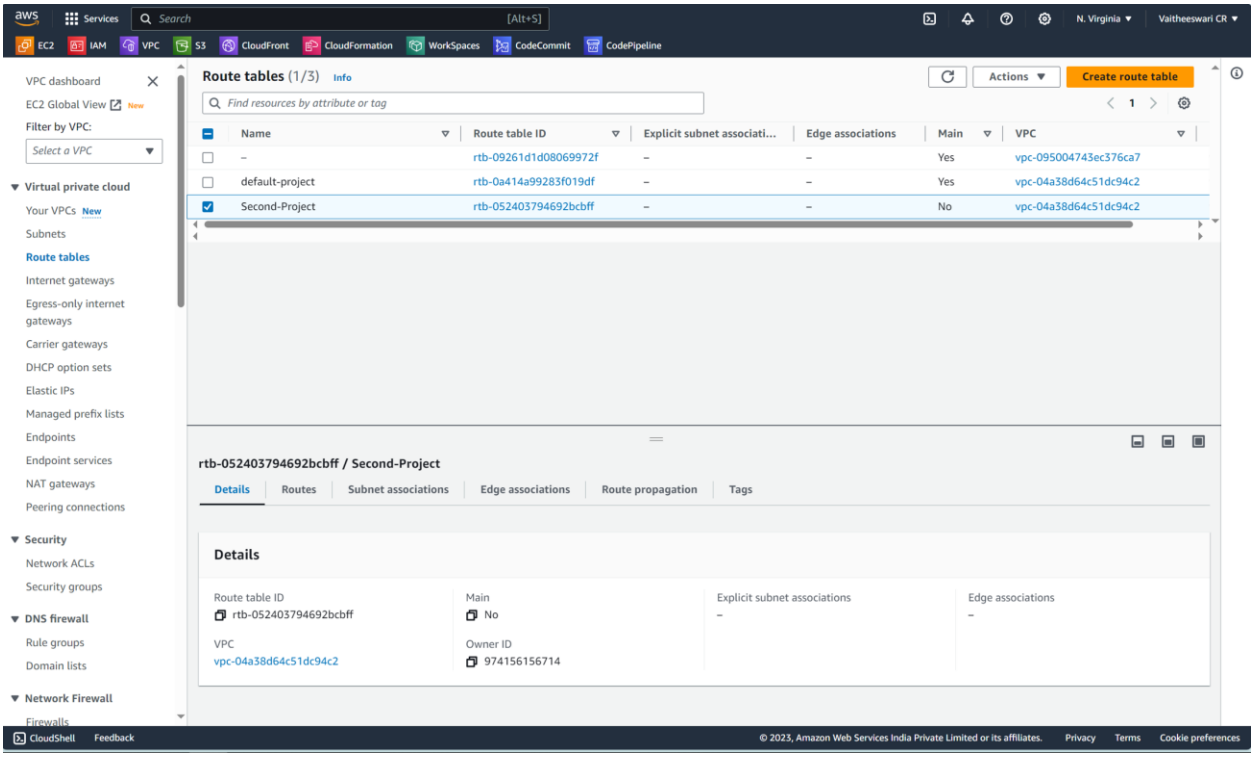
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New
Filter by VPC:
Select a VPC
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Your VPCs
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Subnets
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Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Security
Network ACLs
Security groups
DNS firewall
Rule groups
Domain lists
Network Firewall
Firewalls
Route tables (1/3)
Info
Actions
Create route table
Find resources by attribute or tag
Name
Route table ID
Explicit subnet associati...
Edge associations
Main
VPC
rtb-09261d1d08069972f
vpc-095004743ec376ca7
default-project
rtb-0a414a99283f019df
vpc-04a38d64c51dc94c2
Second-Project
rtb-052403794692bcbff
No
rtb-052403794692bcbff / Second-Project
Details
Routes
Subnet associations
Edge associations
Route propagation
Tags
Route table ID
Main
Explicit subnet associations
Edge associations
VPC
Owner ID
974156156714
CloudShell
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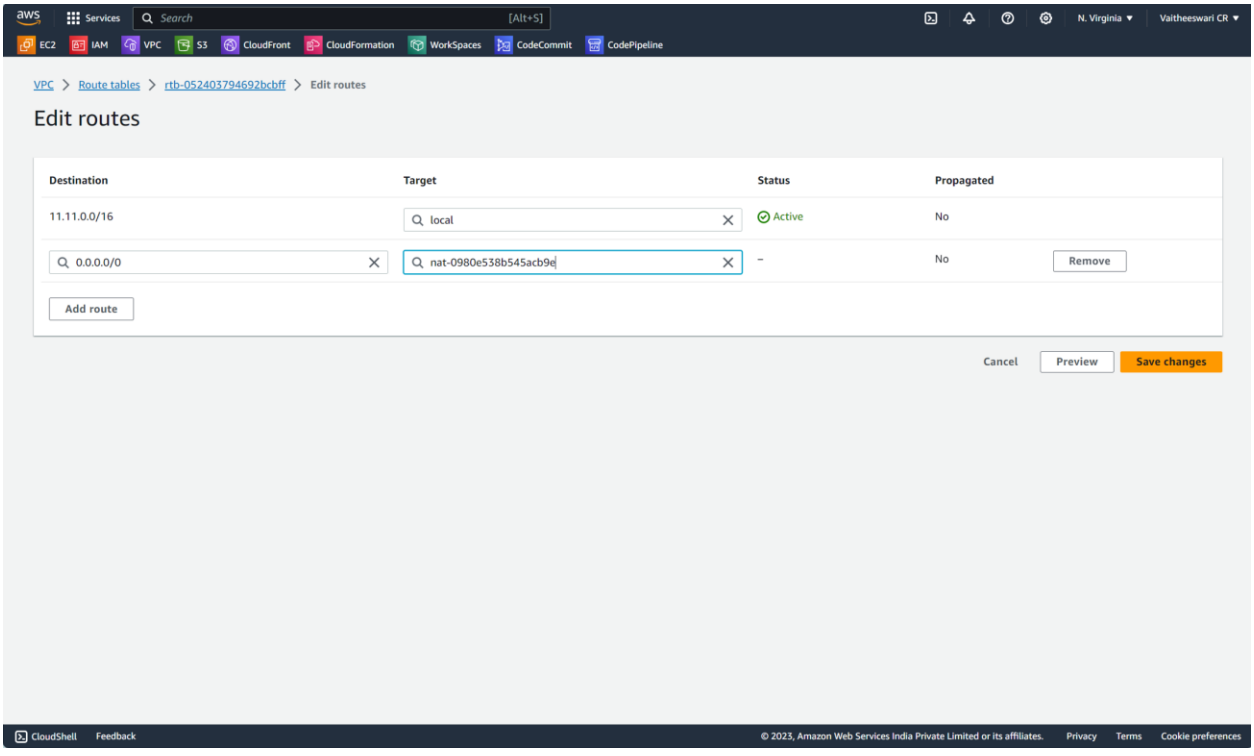
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S3
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CloudFormation
WorkSpaces
CodeCommit
CodePipeline
VPC
Route tables
rtb-052403794692bcbff
Edit routes
Edit routes
Destination
Target
Status
Propagated
11.11.0.0/16
local
Active
No
0.0.0.0/0
nat-0980e538b545acb9e
No
Remove
Add route
Cancel
Preview
Save changes
CloudShell
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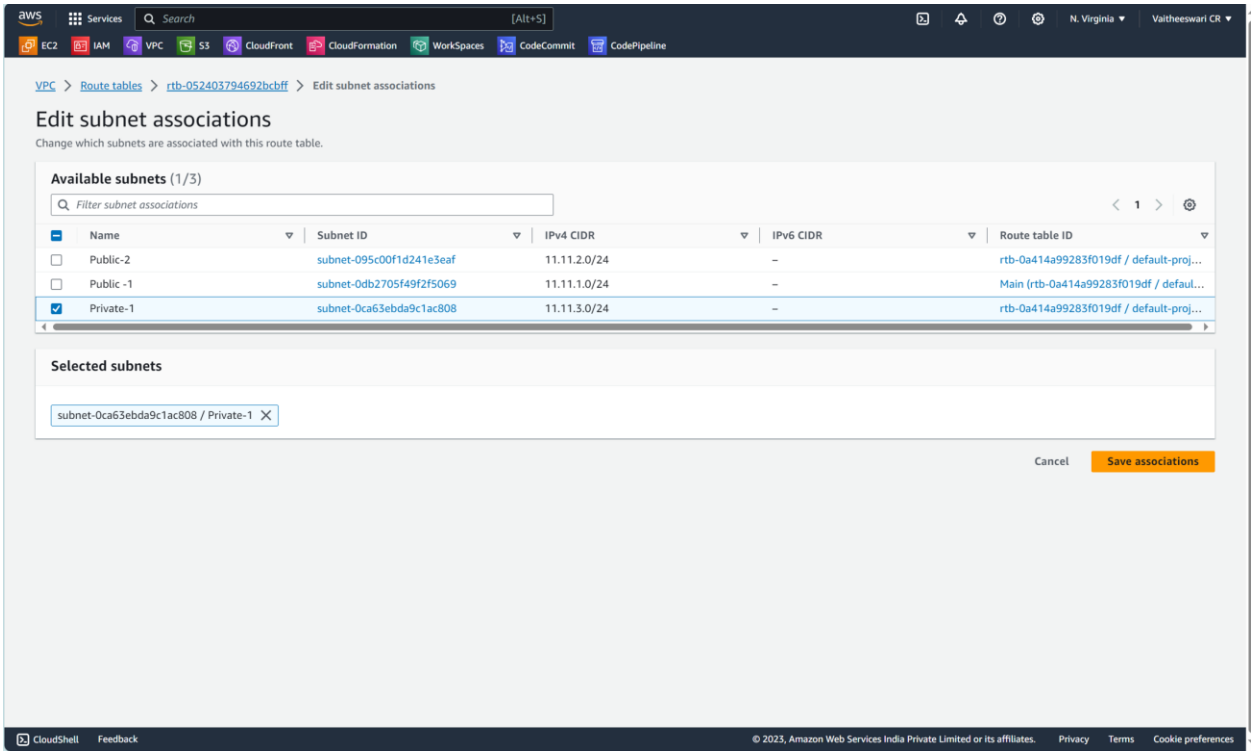
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CloudFormation
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CodePipeline
VPC > Route tables > rtb-052403794692bcbff > Edit subnet associations
Edit subnet associations
Change which subnets are associated with this route table.
Available subnets (1/3)
Filter subnet associations
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
Route table ID
Public-2
subnet-095c00f1d241e3eaf
11.11.2.0/24
–
rtb-0a414a99283f019df / default-proj...
Public -1
subnet-0db2705f49f2f5069
11.11.1.0/24
–
Main (rtb-0a414a99283f019df / defaul...
Private-1
subnet-0ca63ebda9c1ac808
11.11.3.0/24
–
rtb-0a414a99283f019df / default-proj...
Selected subnets
subnet-0ca63ebda9c1ac808 / Private-1
Cancel
Save associations
CloudShell
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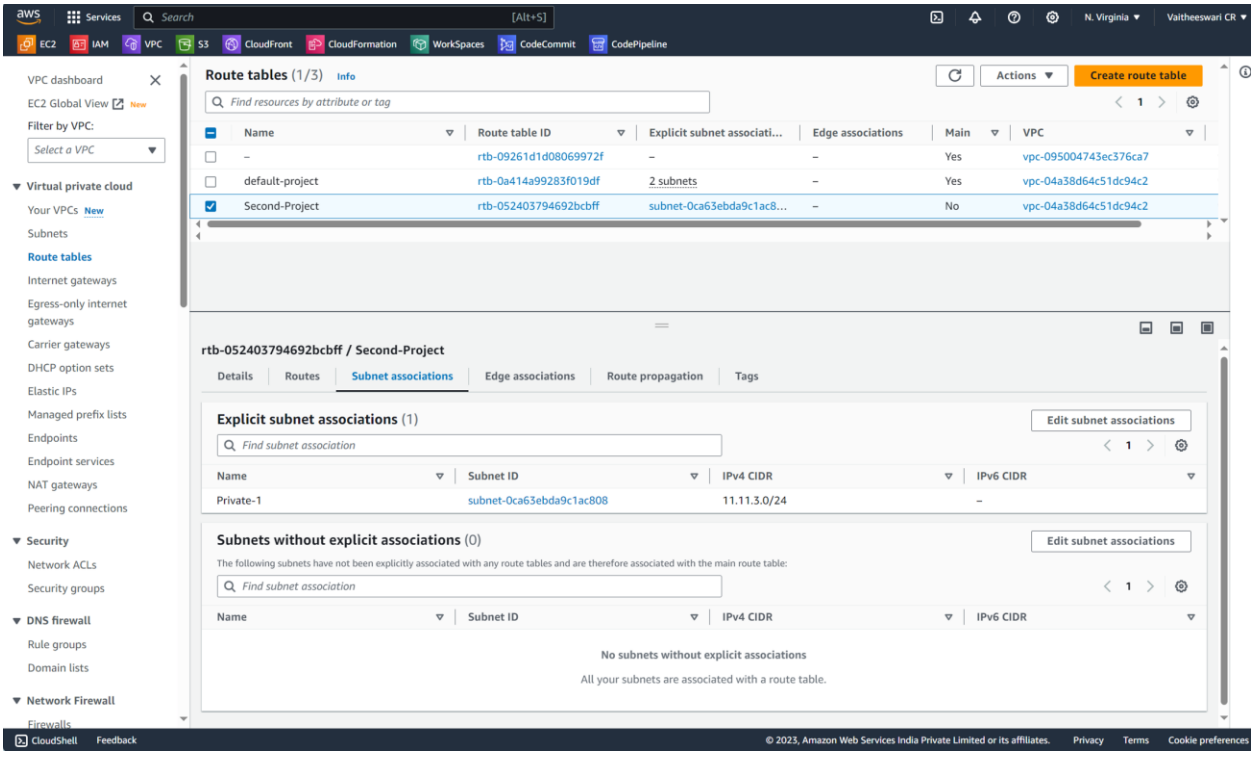
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WorkSpaces
CodeCommit
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EC2 Global View
New
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
New
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Security
Network ACLs
Security groups
DNS firewall
Rule groups
Domain lists
Network Firewall
Firewalls
Route tables (1/3)
Info
Find resources by attribute or tag
Actions
Create route table
Name
Route table ID
Explicit subnet associati...
Edge associations
Main
VPC
–
rtb-09261d1d08069972f
–
–
Yes
vpc-095004743ec376ca7
default-project
rtb-0a414a99283f019df
2 subnets
–
Yes
vpc-04a38d64c51dc94c2
Second-Project
rtb-052403794692bcbff
subnet-0ca63ebda9c1ac8...
–
No
vpc-04a38d64c51dc94c2
rtb-052403794692bcbff / Second-Project
Details
Routes
Subnet associations
Edge associations
Route propagation
Tags
Explicit subnet associations (1)
Edit subnet associations
Find subnet association
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
Private-1
subnet-0ca63ebda9c1ac808
11.11.3.0/24
–
Subnets without explicit associations (0)
Edit subnet associations
The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:
Find subnet association
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
No subnets without explicit associations
All your subnets are associated with a route table.
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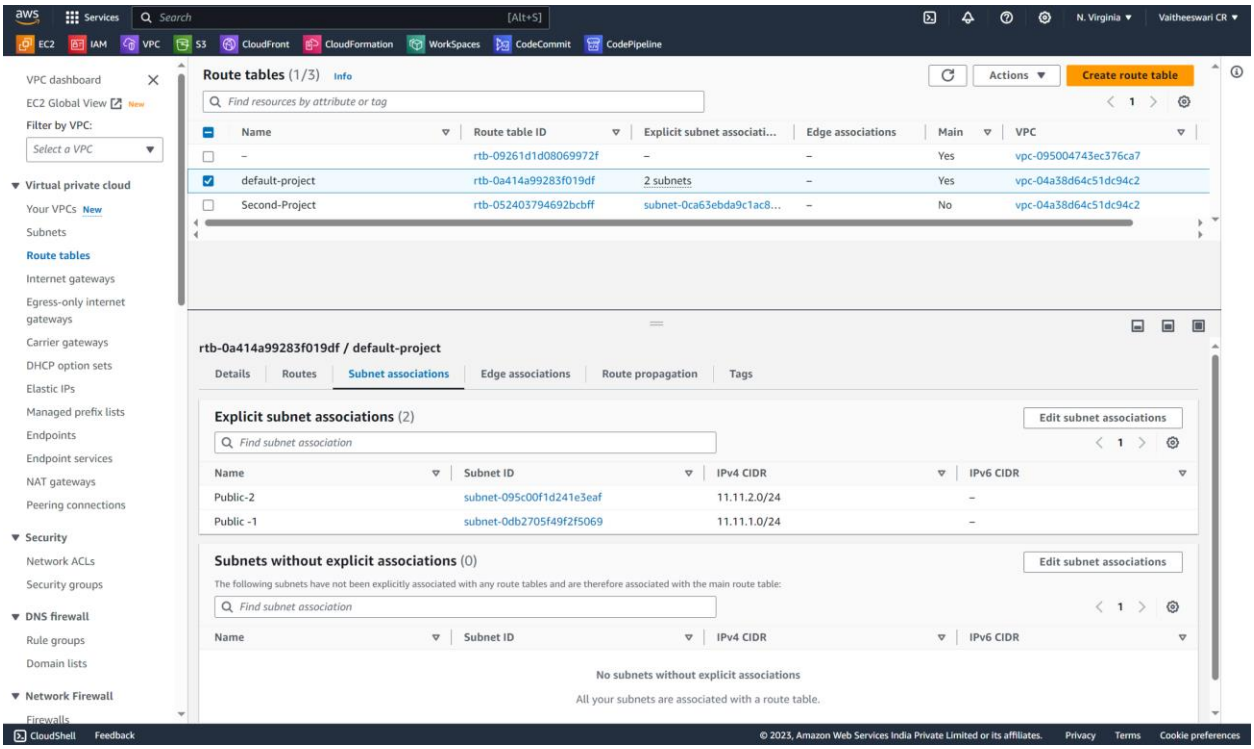
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EC2
IAM
VPC
S3
CloudFront
CloudFormation
WorkSpaces
CodeCommit
CodePipeline
VPC dashboard
EC2 Global View
Filter by VPC:
Select a VPC
Virtual private cloud
Your VPCs
Subnets
Route tables
Internet gateways
Egress-only internet gateways
Carrier gateways
DHCP option sets
Elastic IPs
Managed prefix lists
Endpoints
Endpoint services
NAT gateways
Peering connections
Security
Network ACLs
Security groups
DNS firewall
Rule groups
Domain lists
Network Firewall
Firewalls
Route tables (1/3)
Info
Actions
Create route table
Find resources by attribute or tag
Name
Route table ID
Explicit subnet associati...
Edge associations
Main
VPC
– rtb-09261d1d08069972f – – Yes vpc-095004743ec376ca7
default-project rtb-0a414a99283f019df 2 subnets – Yes vpc-04a38d64c51dc94c2
Second-Project rtb-052403794692bcbff subnet-0ca63ebda9c1ac8... – No vpc-04a38d64c51dc94c2
rtb-0a414a99283f019df / default-project
Details
Routes
Subnet associations
Edge associations
Route propagation
Tags
Explicit subnet associations (2)
Edit subnet associations
Find subnet association
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
Public-2 subnet-095c00f1d241e3eaf 11.11.2.0/24 –
Public -1 subnet-0db2705f49f2f5069 11.11.1.0/24 –
Subnets without explicit associations (0)
Edit subnet associations
The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:
Find subnet association
Name
Subnet ID
IPv4 CIDR
IPv6 CIDR
No subnets without explicit associations
All your subnets are associated with a route table.
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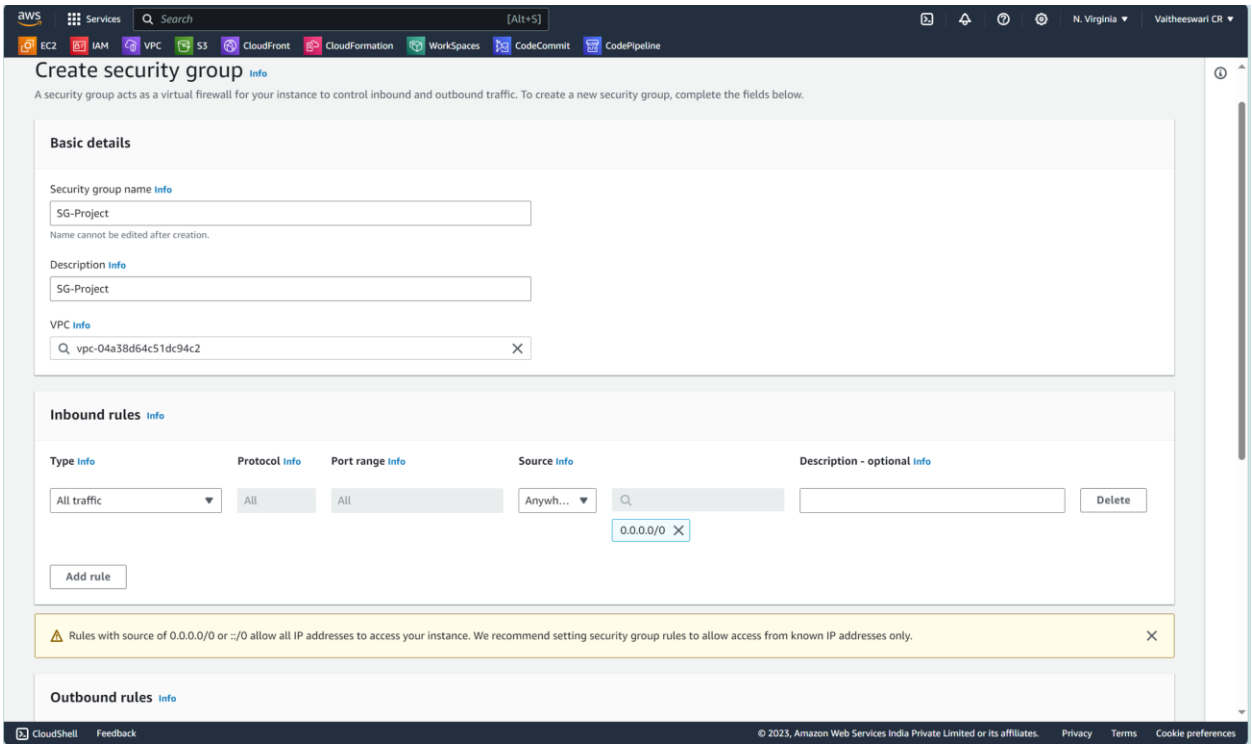
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CloudFormation
WorkSpaces
CodeCommit
CodePipeline
Create security group
Info
A security group acts as a virtual firewall for your instance to control inbound and outbound traffic. To create a new security group, complete the fields below.
Basic details
Security group name Info
SG-Project
Name cannot be edited after creation.
Description Info
SG-Project
VPC Info
vpc-04a38d64c51dc94c2
Inbound rules Info
Type Info
Protocol Info
Port range Info
Source Info
Description - optional Info
All traffic
All
All
Anywh...
0.0.0.0/0
Delete
Add rule
Rules with source of 0.0.0.0/0 or ::/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.
Outbound rules Info
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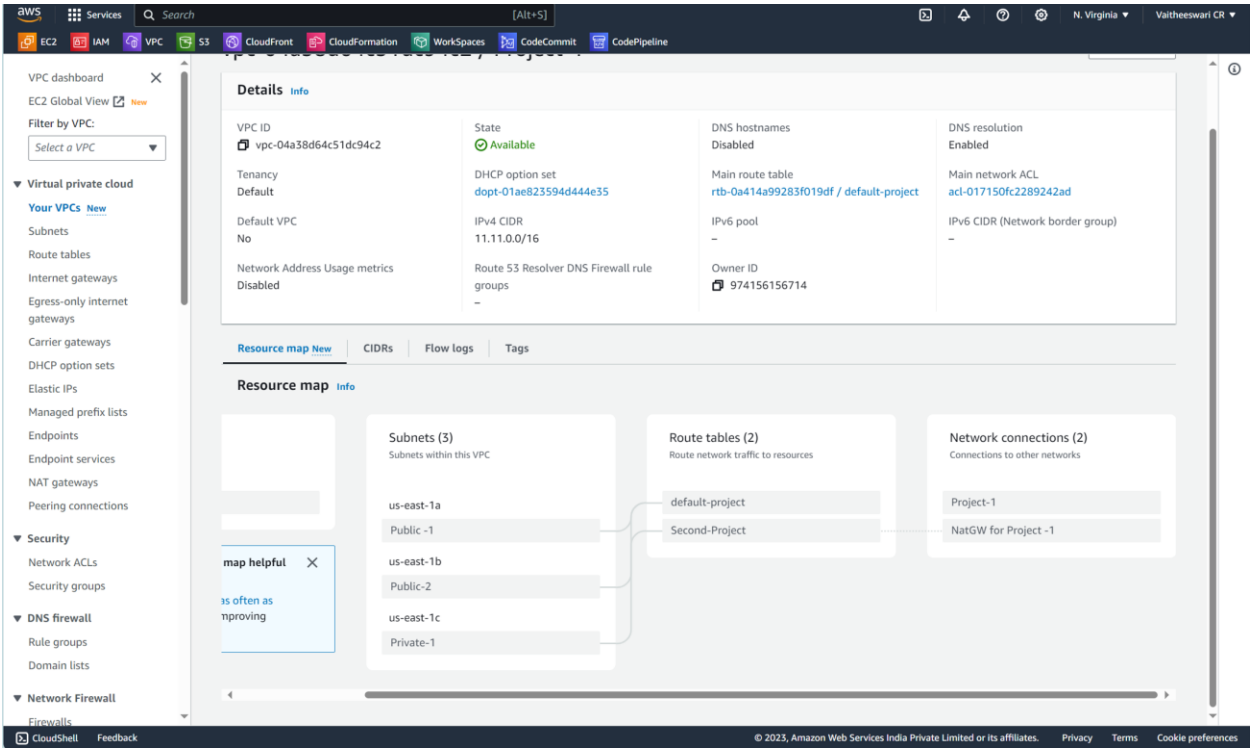
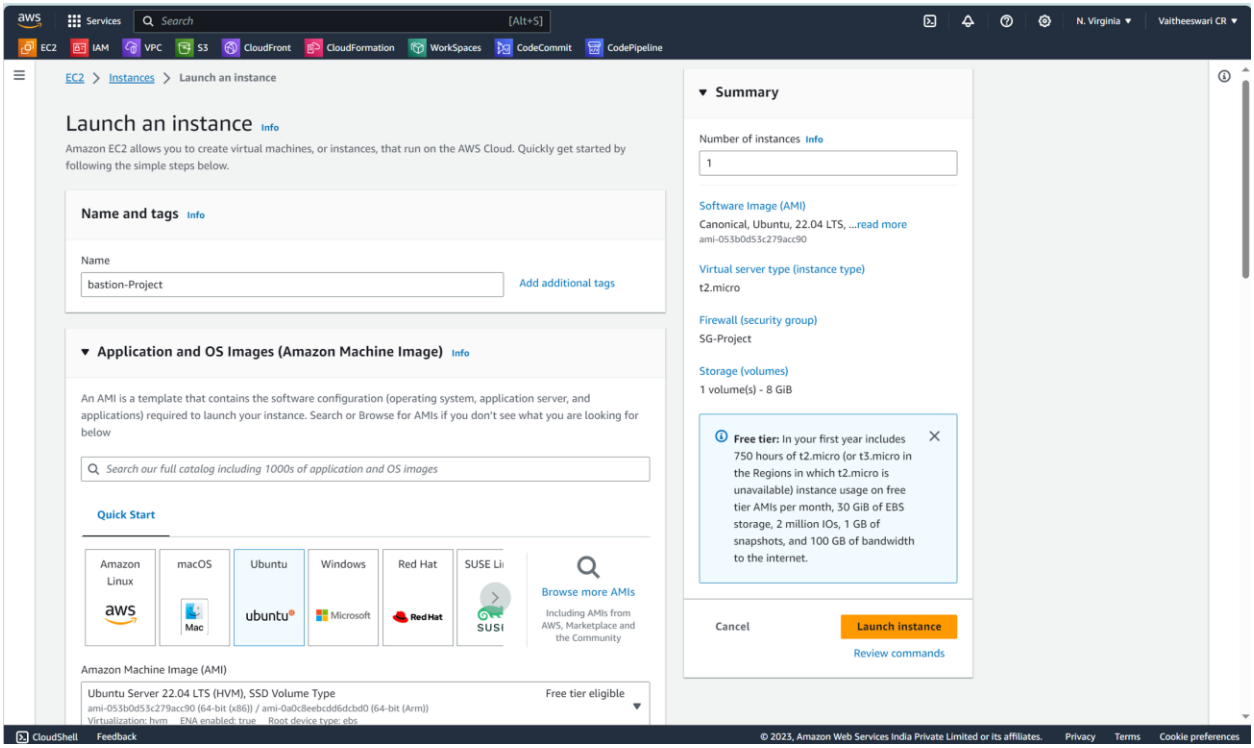
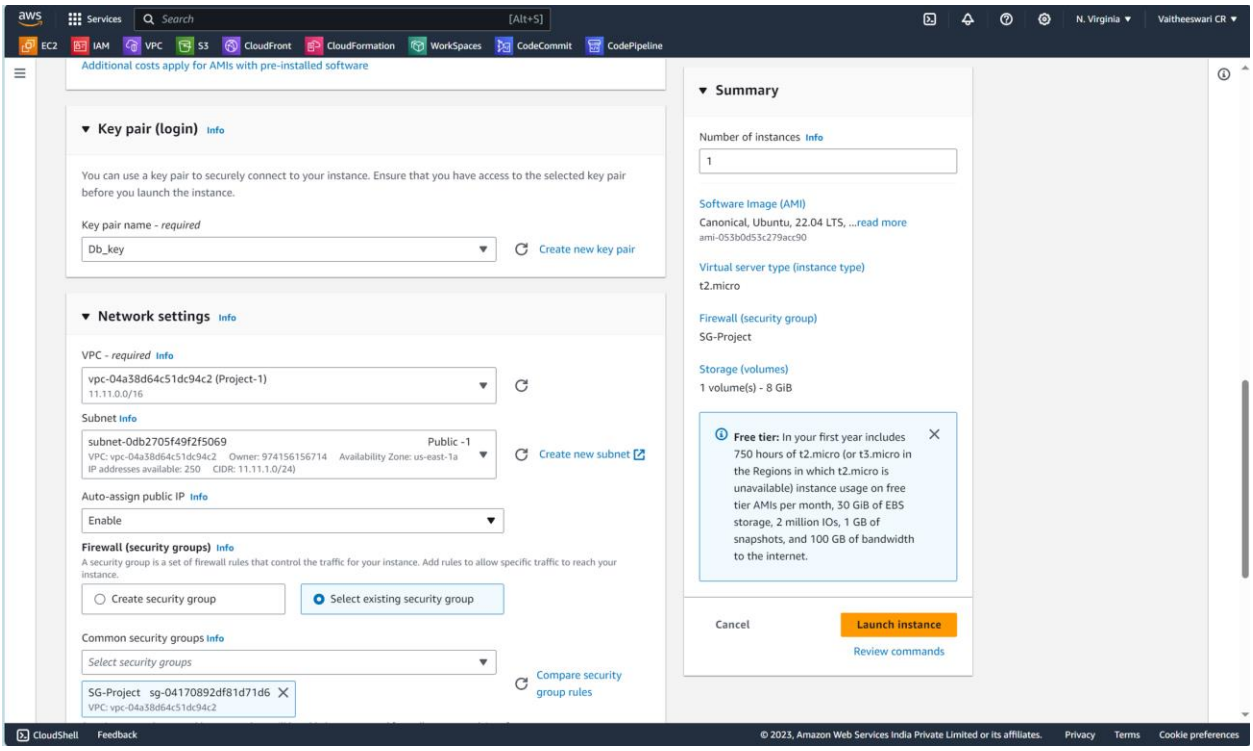


I have created the instance for the Web application.

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Additional costs apply for AMIs with pre-installed software
Key pair (login) Info
You can use a key pair to securely connect to your instance. Ensure that you have access to the selected key pair before you launch the instance.
Key pair name - required
Db_key
Create new key pair
Network settings Info
VPC - required Info
vpc-04a38d64c51dc94c2 (Project-1)
11.11.0.0/16
Subnet Info
subnet-0db2705f49f2f5069 Public -1
VPC: vpc-04a38d64c51dc94c2 Owner: 974156156714 Availability Zone: us-east-1a
IP addresses available: 250 CIDR: 11.11.1.0/24)
Create new subnet
Auto-assign public IP Info
Enable
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
Common security groups Info
Select security groups
SG-Project sg-04170892df81d71d6
VPC: vpc-04a38d64c51dc94c2
Compare security group rules
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...read more
ami-053b0d53c279acc90
Virtual server type (instance type)
t2.micro
Firewall (security group)
SG-Project
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
Review commands
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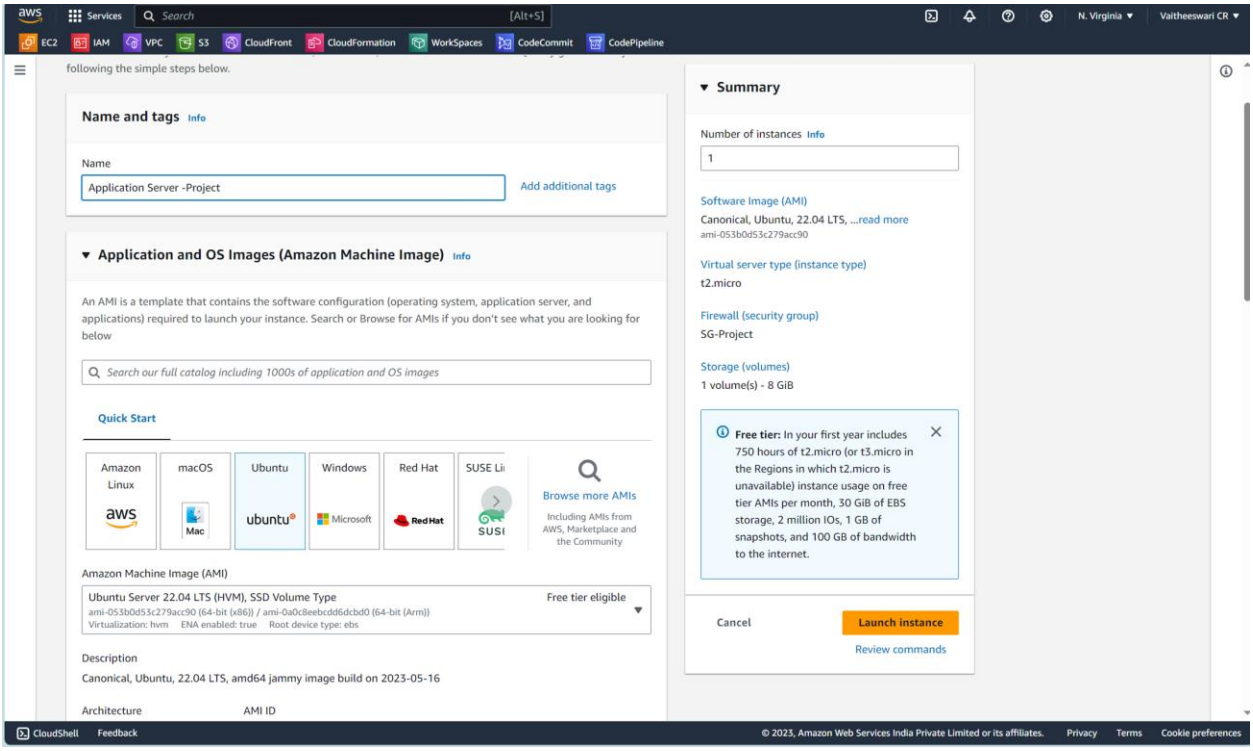
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following the simple steps below.
Name and tags Info
Name
Application Server -Project
Add additional tags
Application and OS Images (Amazon Machine Image) Info
An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below
Search our full catalog including 1000s of application and OS images
Quick Start
Amazon Linux
macOS
Ubuntu
Windows
Red Hat
SUSE Li
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-053b0d53c279acc90 (64-bit (x86)) / ami-0a0c8eebcdd6dcbd0 (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs
Description
Canonical, Ubuntu, 22.04 LTS, amd64 jammy image build on 2023-05-16
Architecture
AMI ID
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...read more
ami-053b0d53c279acc90
Virtual server type (instance type)
t2.micro
Firewall (security group)
SG-Project
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
Review commands
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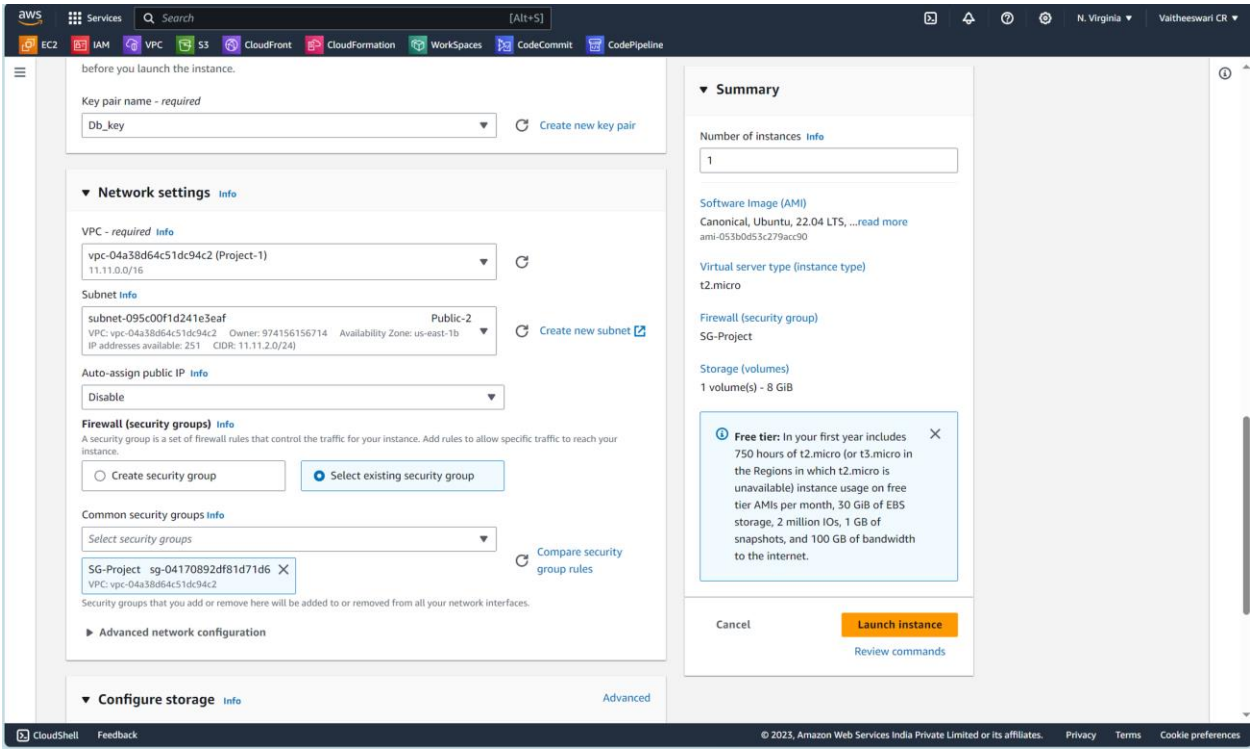
Services
Search
[Alt+S]
N. Virginia
Vaitheeswari CR
EC2
IAM
VPC
S3
CloudFront
CloudFormation
WorkSpaces
CodeCommit
CodePipeline
before you launch the instance.
Key pair name - required
Db_key
Create new key pair
Network settings Info
VPC - required Info
vpc-04a38d64c51dc94c2 (Project-1)
11.11.0.0/16
Subnet Info
subnet-095c00f1d241e3eaf
Public-2
VPC: vpc-04a38d64c51dc94c2 Owner: 974156156714 Availability Zone: us-east-1b
IP addresses available: 251 CIDR: 11.11.2.0/24)
Create new subnet
Auto-assign public IP Info
Disable
Firewall (security groups) Info
A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.
Create security group
Select existing security group
Common security groups Info
Select security groups
SG-Project sg-04170892df81d71d6
VPC: vpc-04a38d64c51dc94c2
Compare security group rules
Security groups that you add or remove here will be added to or removed from all your network interfaces.
Advanced network configuration
Configure storage Info
Advanced
Summary
Number of instances Info
1
Software Image (AMI)
Canonical, Ubuntu, 22.04 LTS, ...read more
ami-053b0d53c279acc90
Virtual server type (instance type)
t2.micro
Firewall (security group)
SG-Project
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
Review commands
CloudShell
Feedback
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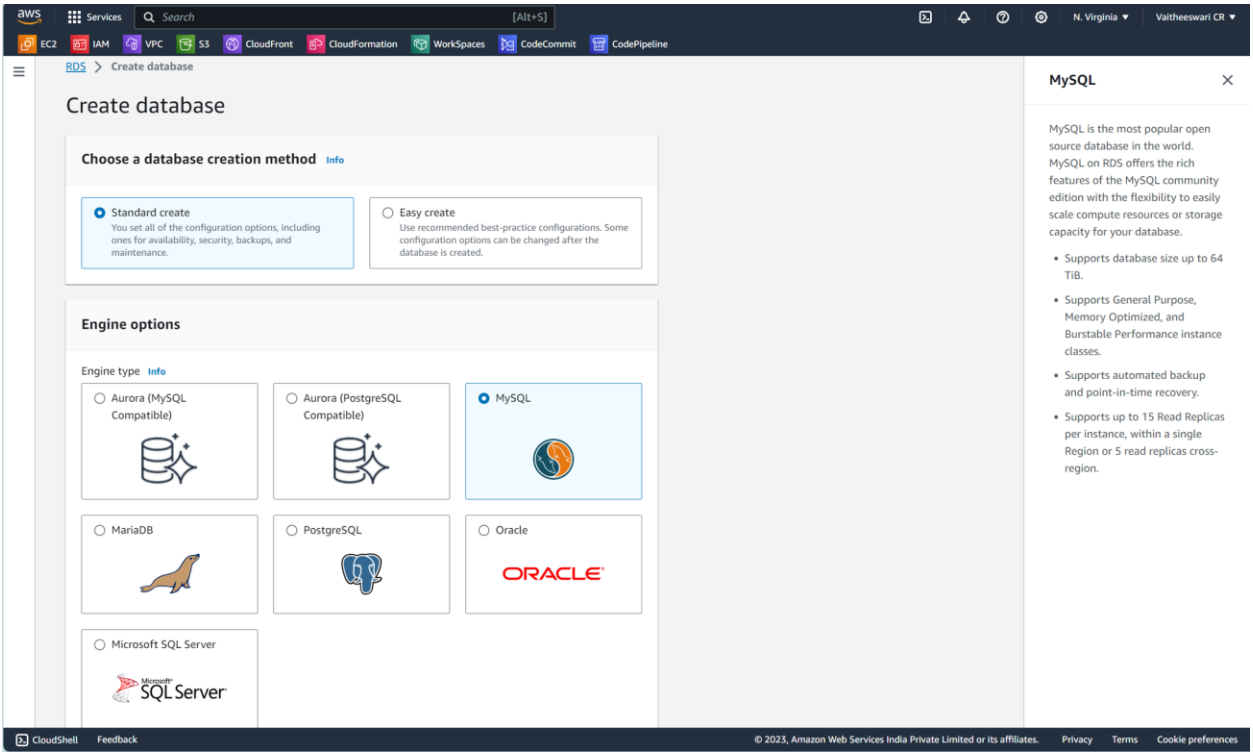
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CodePipeline
RDS > Create database
Create database
Choose a database creation method Info
Standard create
You set all of the configuration options, including ones for availability, security, backups, and maintenance.
Easy create
Use recommended best-practice 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
Microsoft SQL Server
MySQL
MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.
Supports database size up to 64 TiB.
Supports General Purpose, Memory Optimized, and Burstable Performance instance classes.
Supports automated backup and point-in-time recovery.
Supports up to 15 Read Replicas per instance, within a single Region or 5 read replicas cross-region.
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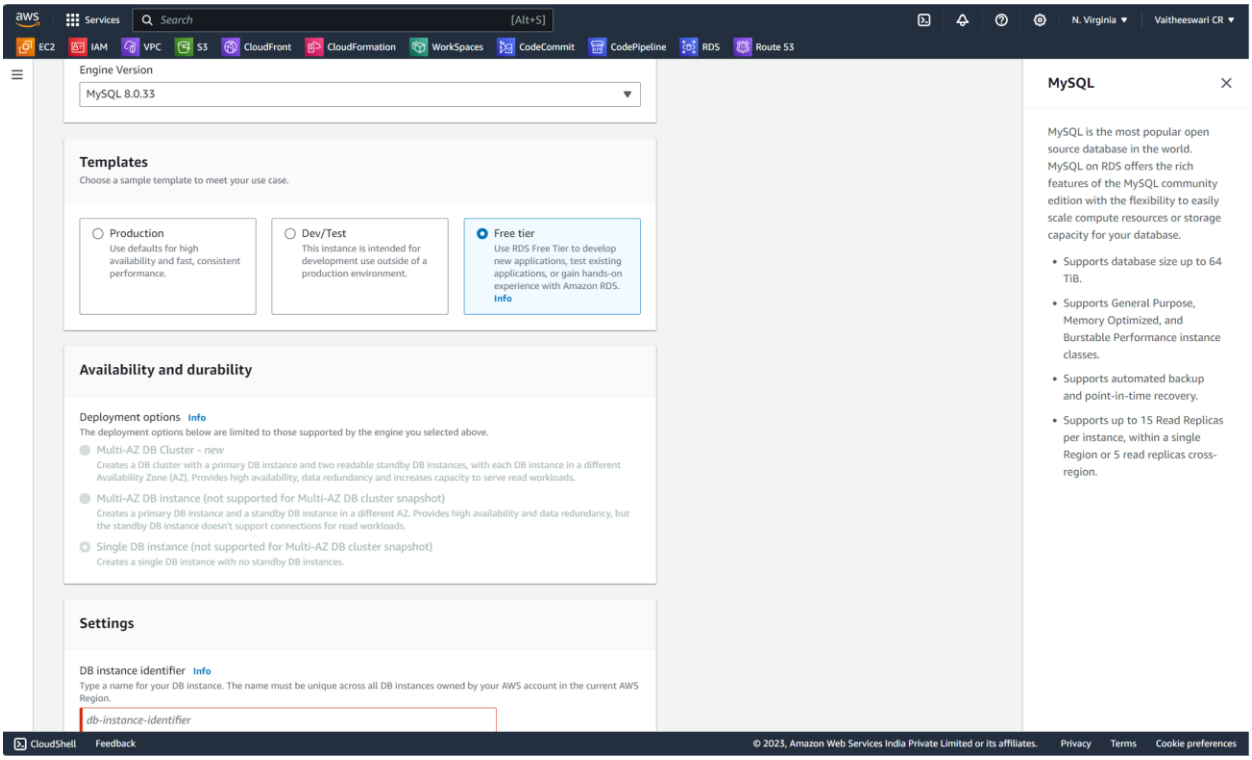
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CloudFront
CloudFormation
WorkSpaces
CodeCommit
CodePipeline
RDS
Route 53
Engine Version
MySQL 8.0.33
Templates
Choose a sample template to meet your use case.
Production
Use defaults for high availability and fast, consistent performance.
Dev/Test
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
Availability and durability
Deployment options Info
The deployment options below are limited to those supported by the engine you selected above.
Multi-AZ DB Cluster - new
Creates a DB cluster with a primary DB instance and two readable standby DB instances, with each DB instance in a different Availability Zone (AZ). Provides high availability, data redundancy and increases capacity to serve read workloads.
Multi-AZ DB instance (not supported for Multi-AZ DB cluster snapshot)
Creates a primary DB instance and a standby DB instance in a different AZ. Provides high availability and data redundancy, but the standby DB instance doesn't support connections for read workloads.
Single DB instance (not supported for Multi-AZ DB cluster snapshot)
Creates a single DB instance with no standby DB instances.
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.
db-instance-identifier
MySQL
MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.
Supports database size up to 64 TiB.
Supports General Purpose, Memory Optimized, and Burstable Performance instance classes.
Supports automated backup and point-in-time recovery.
Supports up to 15 Read Replicas per instance, within a single Region or 5 read replicas cross-region.
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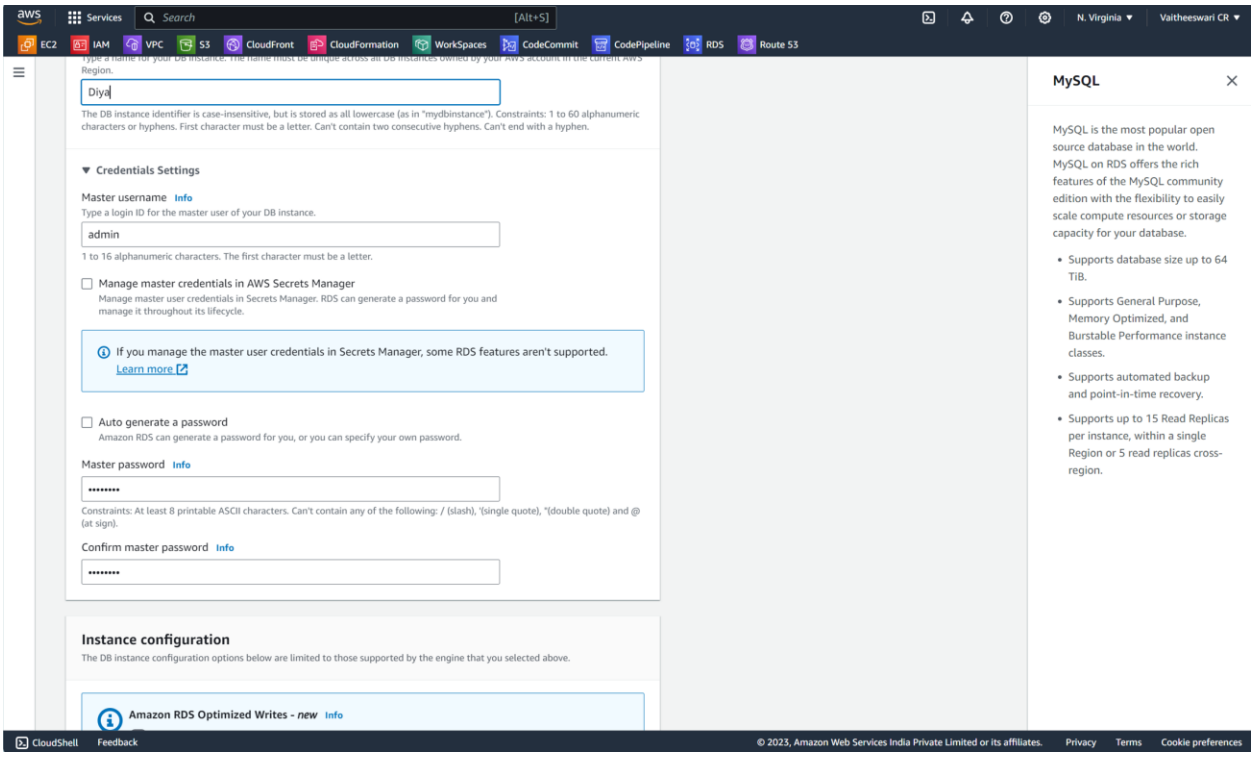
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RDS
Route 53
Region.
Diya
The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive 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. The 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
Instance configuration
The DB instance configuration options below are limited to those supported by the engine that you selected above.
Amazon RDS Optimized Writes - new Info
MySQL
MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.
Supports database size up to 64 TiB.
Supports General Purpose, Memory Optimized, and Burstable Performance instance classes.
Supports automated backup and point-in-time recovery.
Supports up to 15 Read Replicas per instance, within a single Region or 5 read replicas cross-region.
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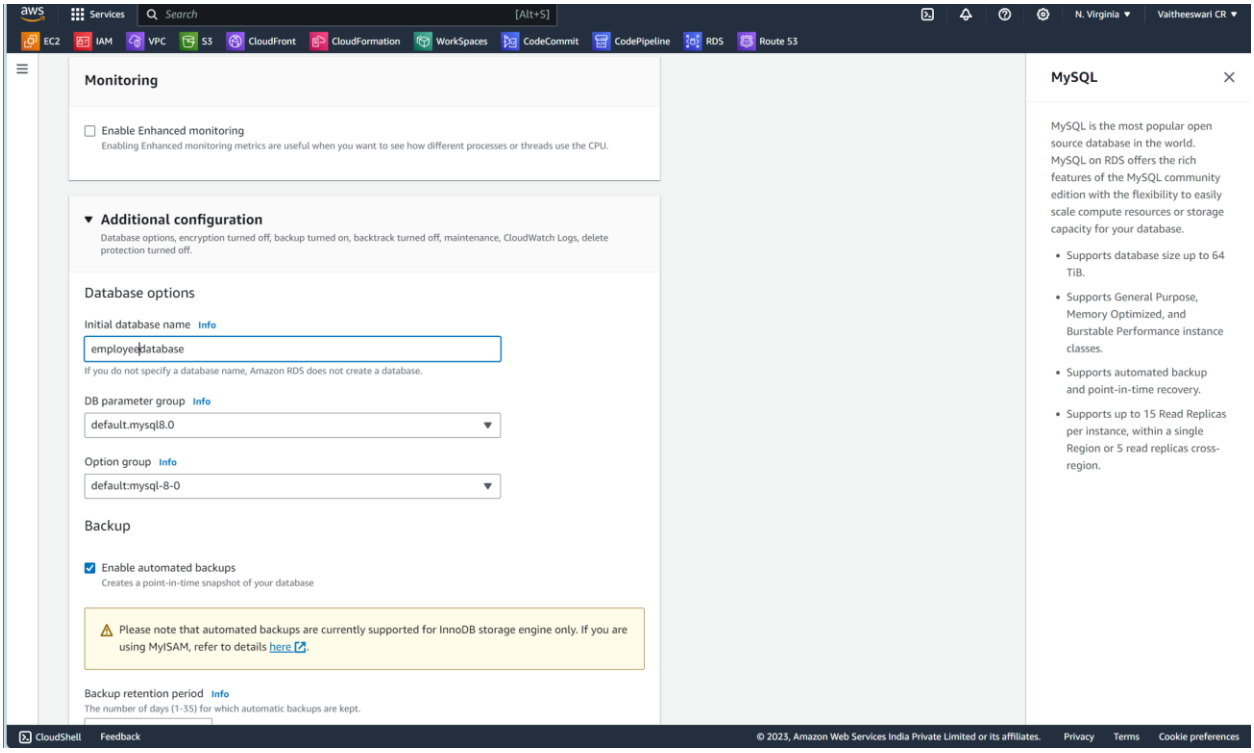
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CodeCommit
CodePipeline
RDS
Route 53
Monitoring
Enable Enhanced monitoring
Enabling Enhanced monitoring metrics are useful when you want to see how different processes or threads use the CPU.
Additional configuration
Database options, encryption turned off, backup turned on, backtrack turned off, maintenance, CloudWatch Logs, delete protection turned off.
Database options
Initial database name Info
employeedatabase
If you do not specify a database name, Amazon RDS does not create a database.
DB parameter group Info
default.mysql8.0
Option group Info
default:mysql-8-0
Backup
Enable automated backups
Creates a point-in-time snapshot of your database
Please note that automated backups are currently supported for InnoDB storage engine only. If you are using MyISAM, refer to details here.
Backup retention period Info
The number of days (1-35) for which automatic backups are kept.
MySQL
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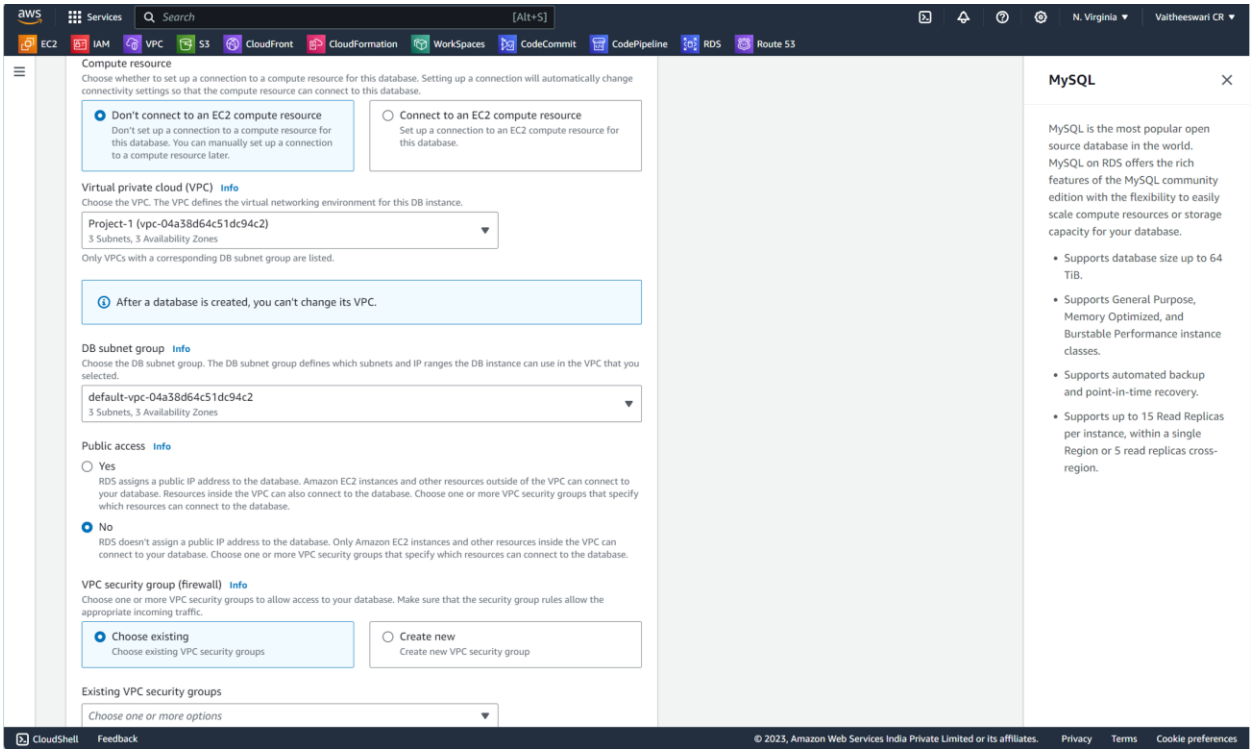
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Compute resource
Choose whether to set up a connection to a compute resource for this database. Setting up a connection will automatically change connectivity settings so that the compute resource can connect to this database.
Don't connect to an EC2 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.
Virtual private cloud (VPC) Info
Choose the VPC. The VPC defines the virtual networking environment for this DB instance.
Project-1 (vpc-04a38d64c51dc94c2)
3 Subnets, 3 Availability Zones
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.
default-vpc-04a38d64c51dc94c2
3 Subnets, 3 Availability Zones
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
MySQL
MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.
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Supports General Purpose, Memory Optimized, and Burstable Performance instance classes.
Supports automated backup and point-in-time recovery.
Supports up to 15 Read Replicas per instance, within a single Region or 5 read replicas cross-region.
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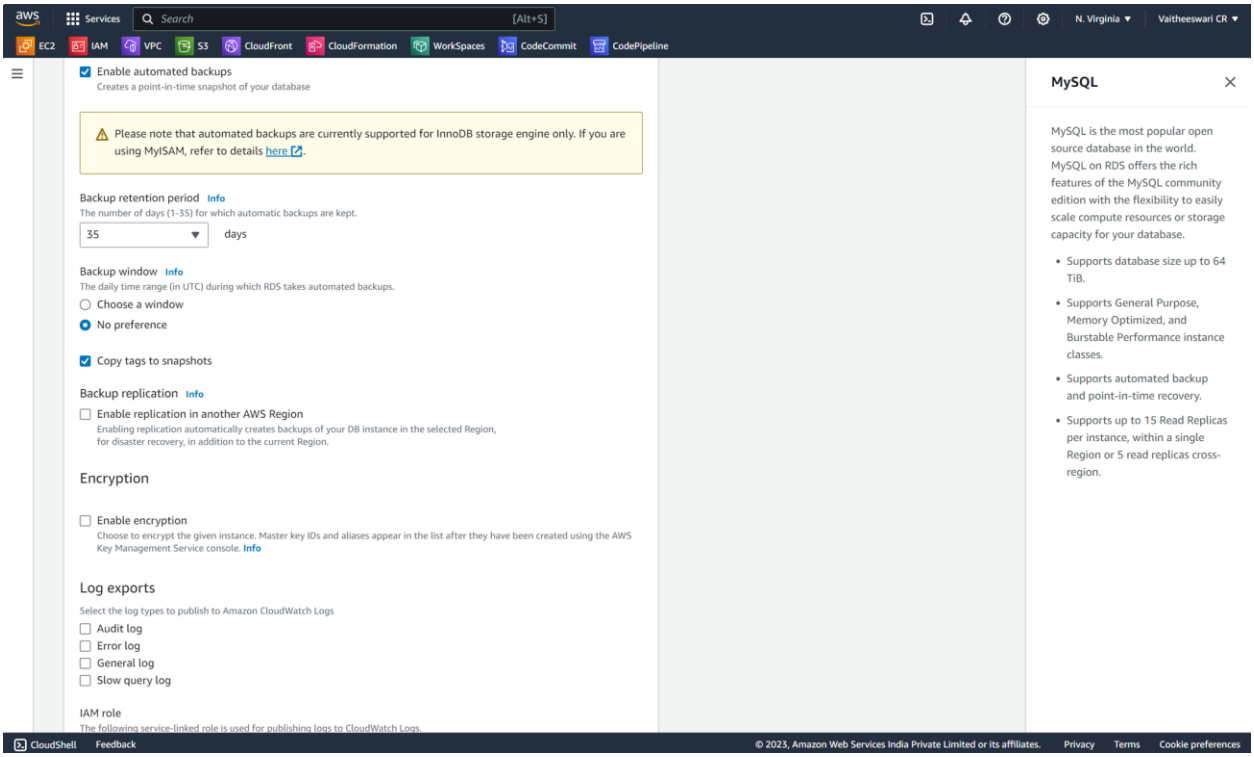
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CodePipeline
Enable automated backups
Creates a point-in-time snapshot of your database
Please note that automated backups are currently supported for InnoDB storage engine only. If you are using MyISAM, refer to details here.
Backup retention period Info
The number of days (1-35) for which automatic backups are kept.
35
days
Backup window Info
The daily time range (in UTC) during which RDS takes automated backups.
Choose a window
No preference
Copy tags to snapshots
Backup replication Info
Enable replication in another AWS Region
Enabling replication automatically creates backups of your DB instance in the selected Region, for disaster recovery, in addition to the current Region.
Encryption
Enable encryption
Choose to encrypt the given instance. Master key IDs and aliases appear in the list after they have been created using the AWS Key Management Service console. Info
Log exports
Select the log types to publish to Amazon CloudWatch Logs
Audit log
Error log
General log
Slow query log
IAM role
The following service-linked role is used for publishing logs to CloudWatch Logs.
MySQL
MySQL is the most popular open source database in the world. MySQL on RDS offers the rich features of the MySQL community edition with the flexibility to easily scale compute resources or storage capacity for your database.
Supports database size up to 64 TiB.
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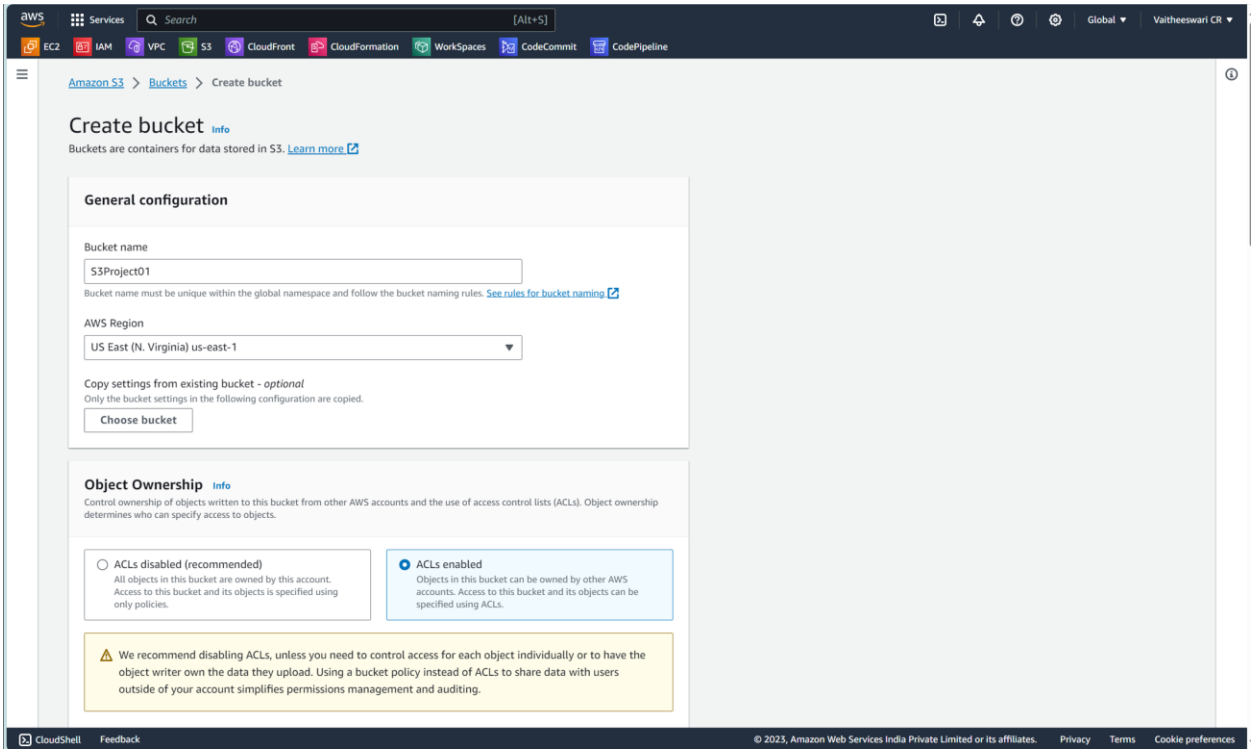
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Amazon S3 > Buckets > Create bucket
Create bucket Info
Buckets are containers for data stored in S3. Learn more
General configuration
Bucket name
S3Project01
Bucket name must be unique within the global namespace and follow the bucket naming rules. See rules for bucket naming
AWS Region
US East (N. Virginia) us-east-1
Copy settings from existing bucket - optional
Only the bucket settings in the following configuration are copied.
Choose bucket
Object Ownership Info
Control ownership of objects written to this bucket from other AWS accounts and the use of access control lists (ACLs). Object ownership determines who can specify access to objects.
ACLs disabled (recommended)
All objects in this bucket are owned by this account. Access to this bucket and its objects is specified using only policies.
ACLs enabled
Objects in this bucket can be owned by other AWS accounts. Access to this bucket and its objects can be specified using ACLs.
We recommend disabling ACLs, unless you need to control access for each object individually or to have the object writer own the data they upload. Using a bucket policy instead of ACLs to share data with users outside of your account simplifies permissions management and auditing.
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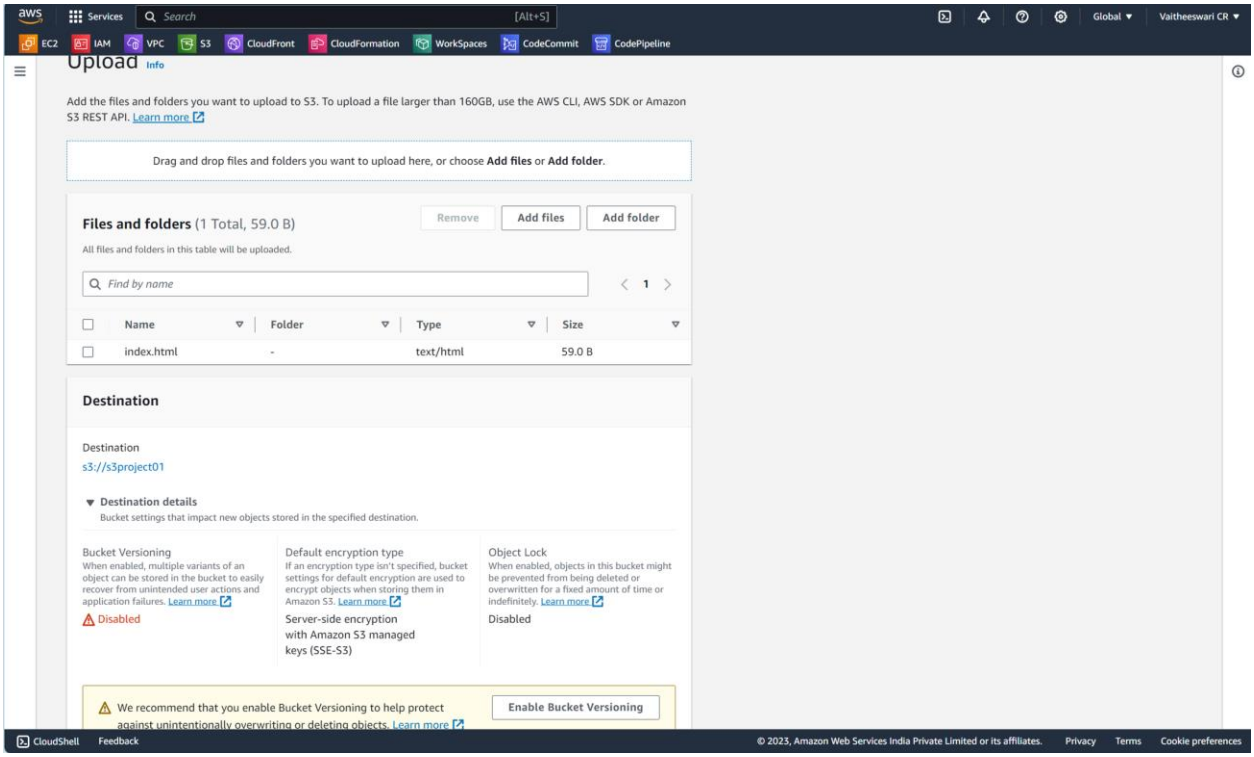
Upload Info
Add the files and folders you want to upload to S3. To upload a file larger than 160GB, use the AWS CLI, AWS SDK or Amazon S3 REST API. Learn more
Drag and drop files and folders you want to upload here, or choose Add files or Add folder.
Files and folders (1 Total, 59.0 B)
Remove
Add files
Add folder
All files and folders in this table will be uploaded.
Find by name
Name
Folder
Type
Size
index.html
-
text/html
59.0 B
Destination
Destination
s3://s3project01
Destination details
Bucket settings that impact new objects stored in the specified destination.
Bucket Versioning
When enabled, multiple variants of an object can be stored in the bucket to easily recover from unintended user actions and application failures. Learn more
Disabled
Default encryption type
If an encryption type isn't specified, bucket settings for default encryption are used to encrypt objects when storing them in Amazon S3. Learn more
Server-side encryption with Amazon S3 managed keys (SSE-S3)
Object Lock
When enabled, objects in this bucket might be prevented from being deleted or overwritten for a fixed amount of time or indefinitely. Learn more
Disabled
We recommend that you enable Bucket Versioning to help protect against unintentionally overwriting or deleting objects. Learn more
Enable Bucket Versioning
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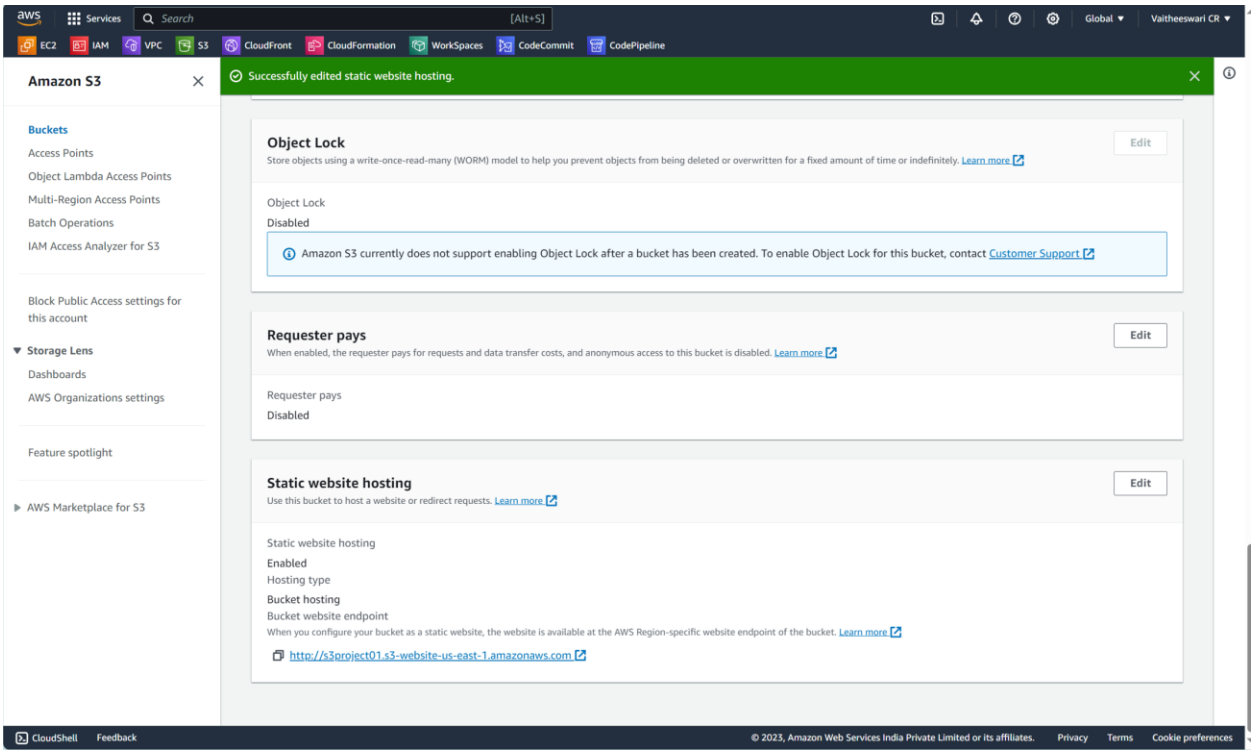
Amazon S3
Buckets
Access Points
Object Lambda Access Points
Multi-Region Access Points
Batch Operations
IAM Access Analyzer for S3
Block Public Access settings for this account
Storage Lens
Dashboards
AWS Organizations settings
Feature spotlight
AWS Marketplace for S3
Successfully edited static website hosting.
Object Lock
Store objects using a write-once-read-many (WORM) model to help you prevent objects from being deleted or overwritten for a fixed amount of time or indefinitely. Learn more
Edit
Object Lock
Disabled
Amazon S3 currently does not support enabling Object Lock after a bucket has been created. To enable Object Lock for this bucket, contact Customer Support
Requester pays
When enabled, the requester pays for requests and data transfer costs, and anonymous access to this bucket is disabled. Learn more
Edit
Requester pays
Disabled
Static website hosting
Use this bucket to host a website or redirect requests. Learn more
Edit
Static website hosting
Enabled
Hosting type
Bucket hosting
Bucket website endpoint
When you configure your bucket as a static website, the website is available at the AWS Region-specific website endpoint of the bucket. Learn more
http://s3project01.s3-website-us-east-1.amazonaws.com
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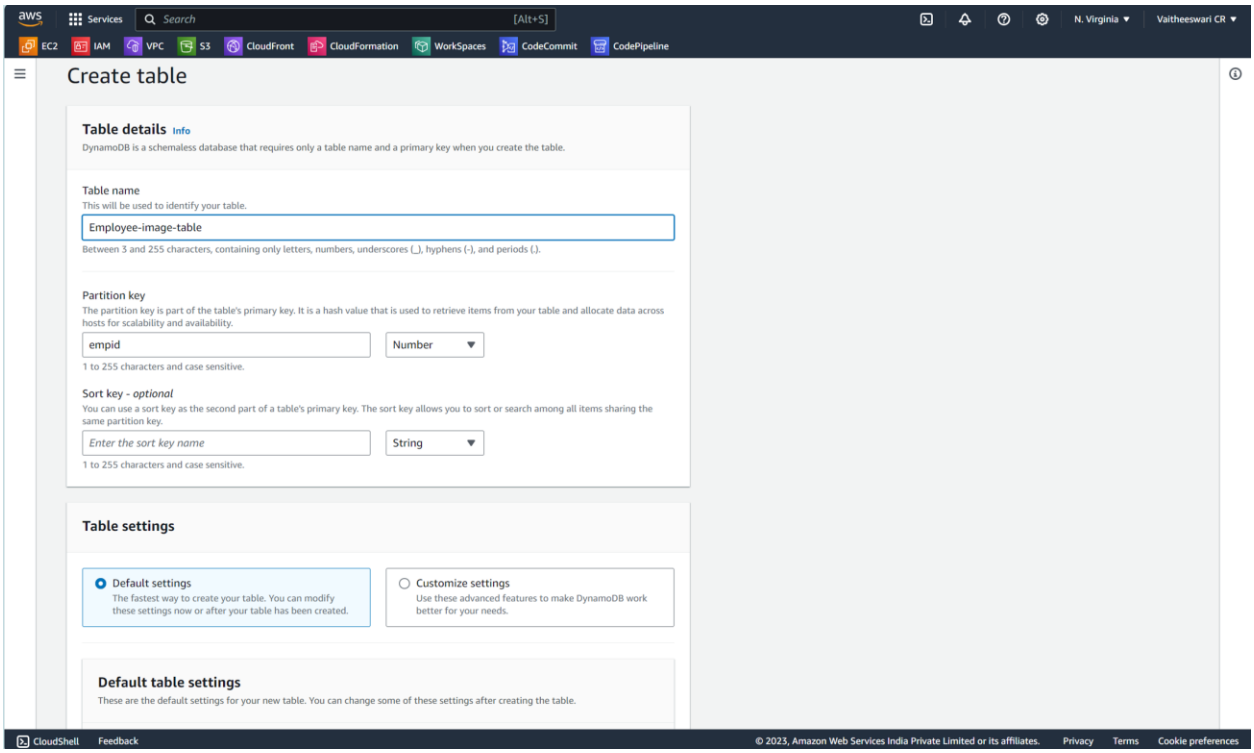
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CodePipeline
Create table
Table details Info
DynamoDB is a schemaless database that requires only a table name and a primary key when you create the table.
Table name
This will be used to identify your table.
Employee-image-table
Between 3 and 255 characters, containing only letters, numbers, underscores (_), hyphens (-), and periods (.).
Partition key
The partition key is part of the table's primary key. It is a hash value that is used to retrieve items from your table and allocate data across hosts for scalability and availability.
empid
Number
1 to 255 characters and case sensitive.
Sort key - optional
You can use a sort key as the second part of a table's primary key. The sort key allows you to sort or search among all items sharing the same partition key.
Enter the sort key name
String
1 to 255 characters and case sensitive.
Table settings
Default settings
The fastest way to create your table. You can modify these settings now or after your table has been created.
Customize settings
Use these advanced features to make DynamoDB work better for your needs.
Default table settings
These are the default settings for your new table. You can change some of these settings after creating the table.
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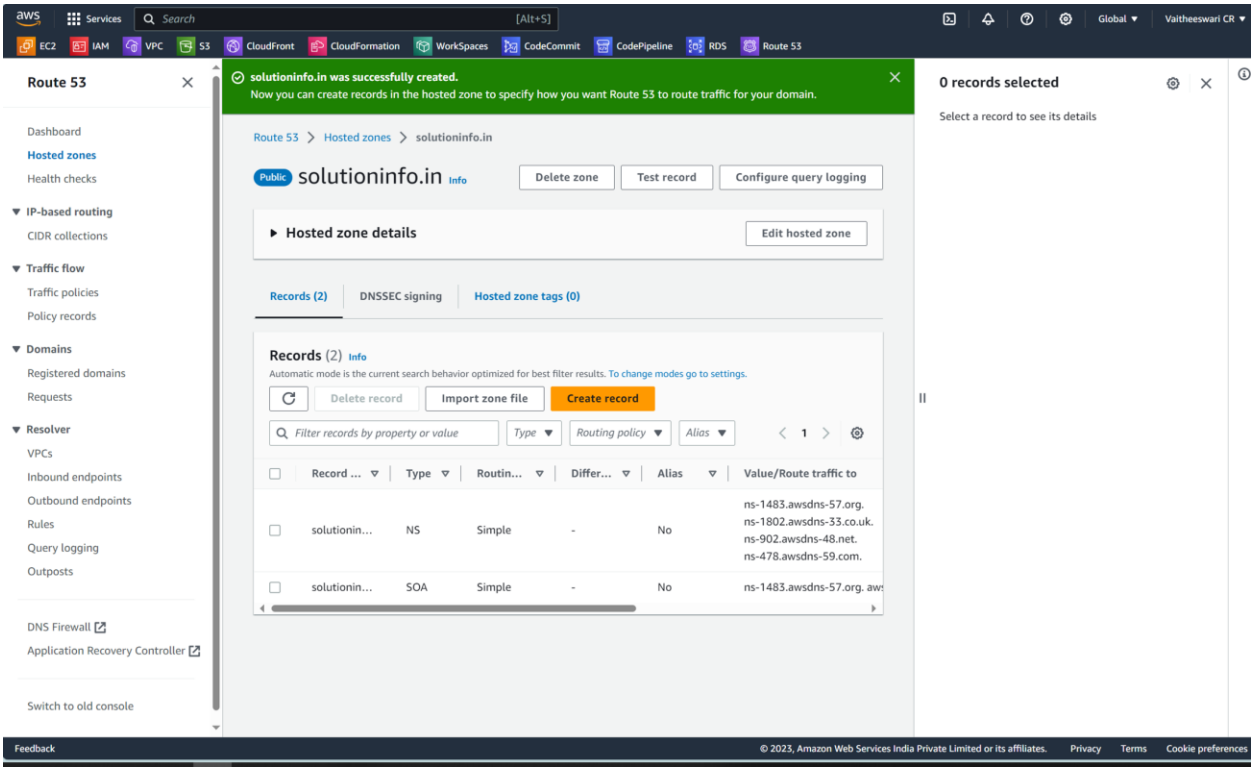
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Route 53
Dashboard
Hosted zones
Health checks
IP-based routing
CIDR collections
Traffic flow
Traffic policies
Policy records
Domains
Registered domains
Requests
Resolver
VPCs
Inbound endpoints
Outbound endpoints
Rules
Query logging
Outposts
DNS Firewall
Application Recovery Controller
Switch to old console
solutioninfo.in was successfully created.
Now you can create records in the hosted zone to specify how you want Route 53 to route traffic for your domain.
Route 53 > Hosted zones > solutioninfo.in
Public
solutioninfo.in Info
Delete zone
Test record
Configure query logging
Hosted zone details
Edit hosted zone
Records (2)
DNSSEC signing
Hosted zone tags (0)
Records (2) Info
Automatic mode is the current search behavior optimized for best filter results. To change modes go to settings.
Delete record
Import zone file
Create record
Filter records by property or value
Type
Routing policy
Alias
1
Record ...
Type
Routin...
Differ...
Alias
Value/Route traffic to
solutionin...
NS
Simple
-
No
ns-1483.awsdns-57.org.
ns-1802.awsdns-33.co.uk.
ns-902.awsdns-48.net.
ns-478.awsdns-59.com.
solutionin...
SOA
Simple
-
No
ns-1483.awsdns-57.org. aws
0 records selected
Select a record to see its details
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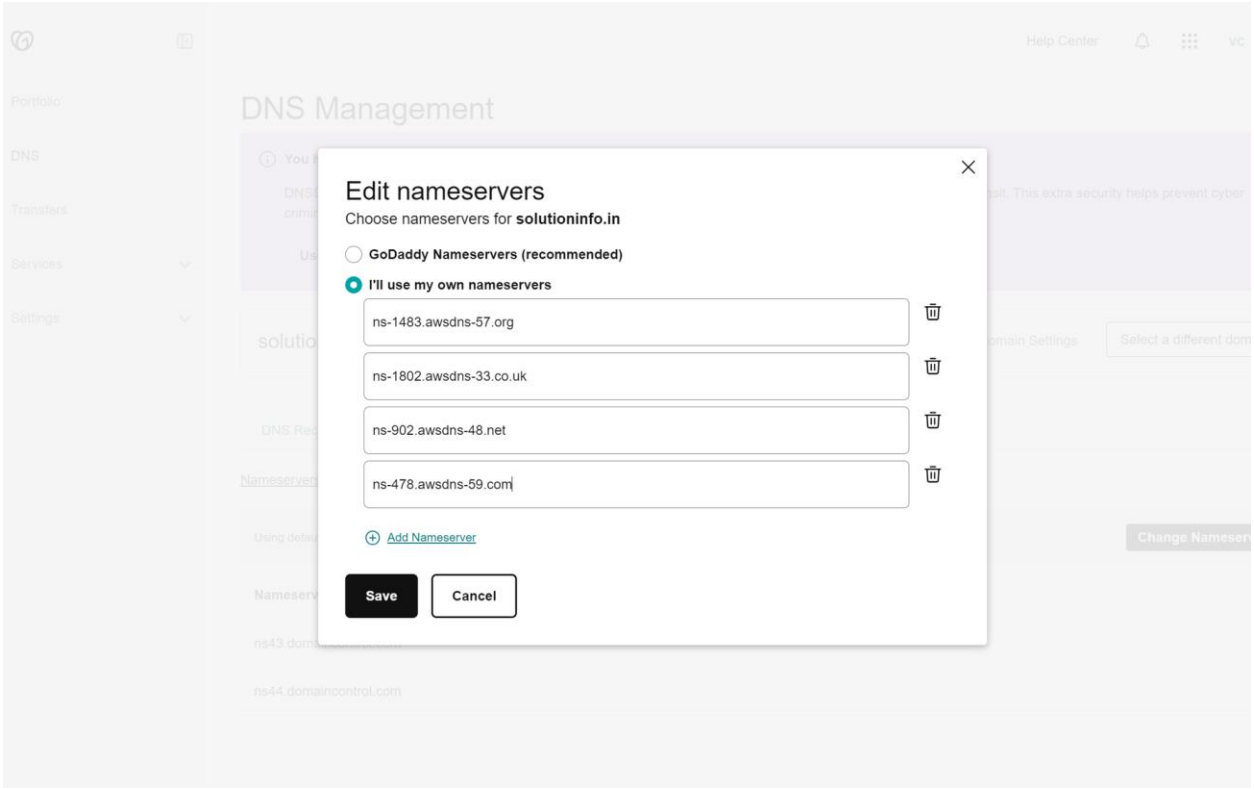
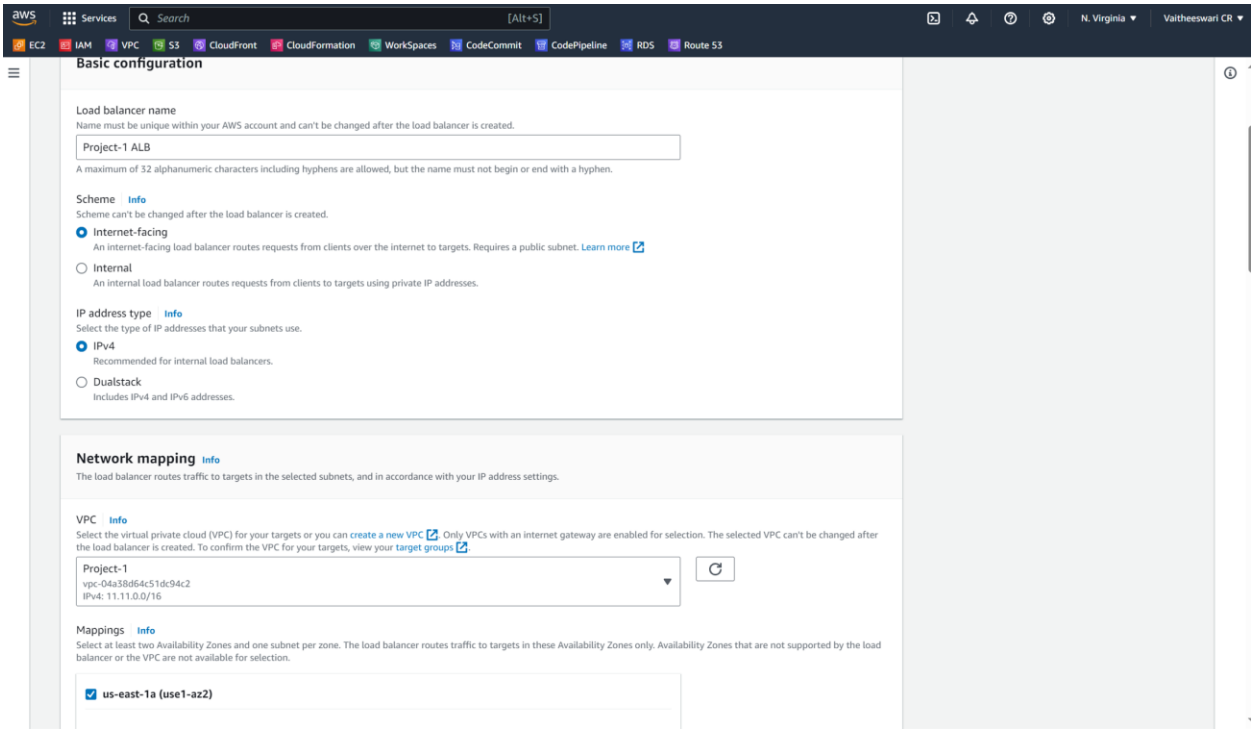
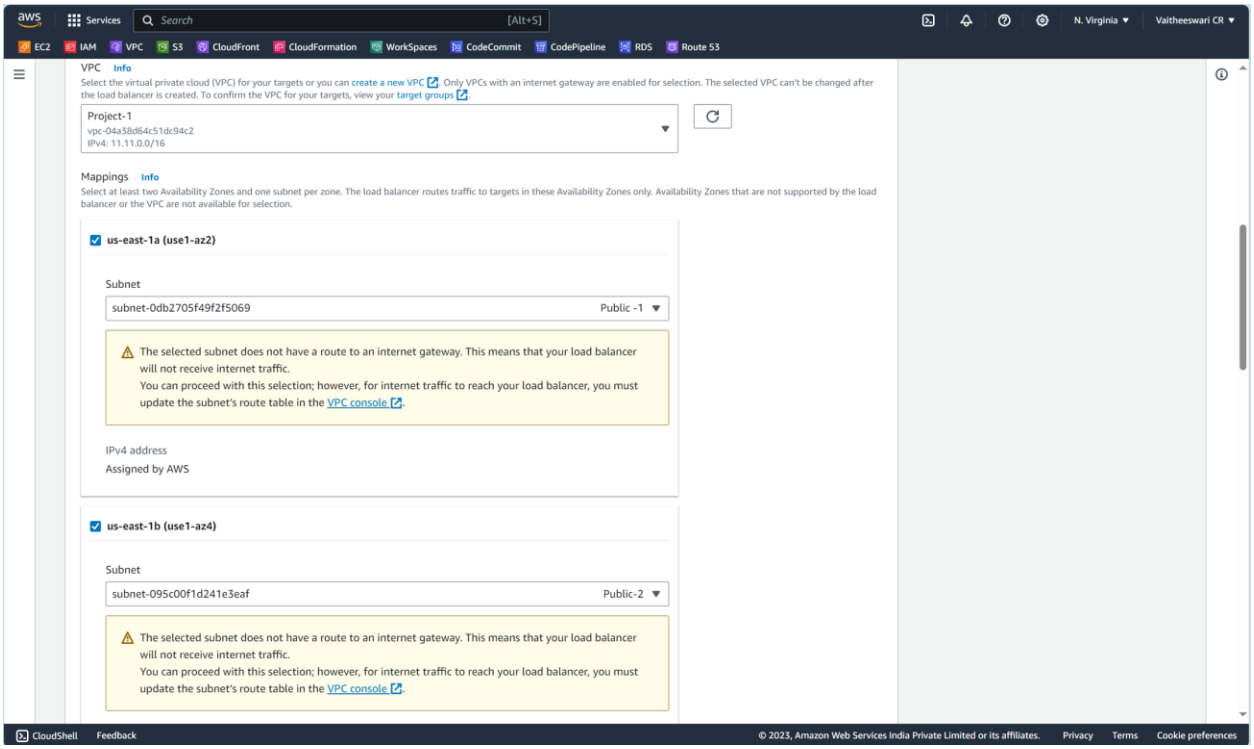
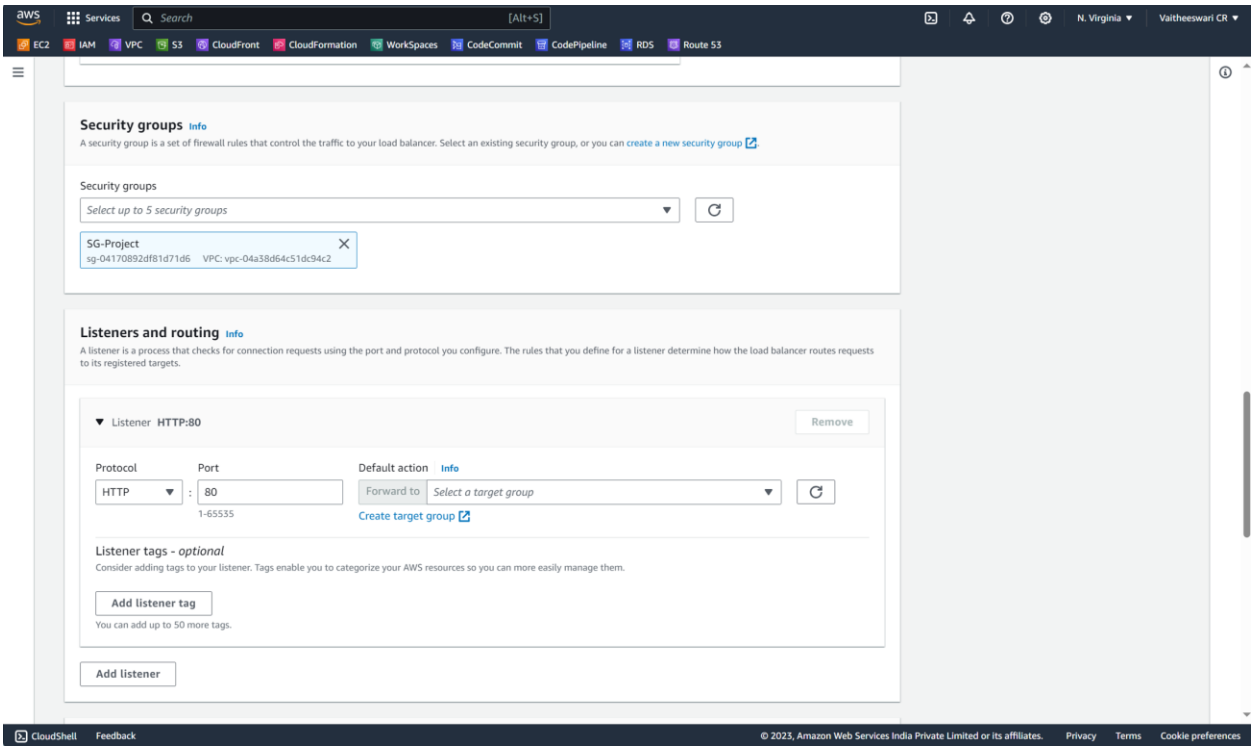
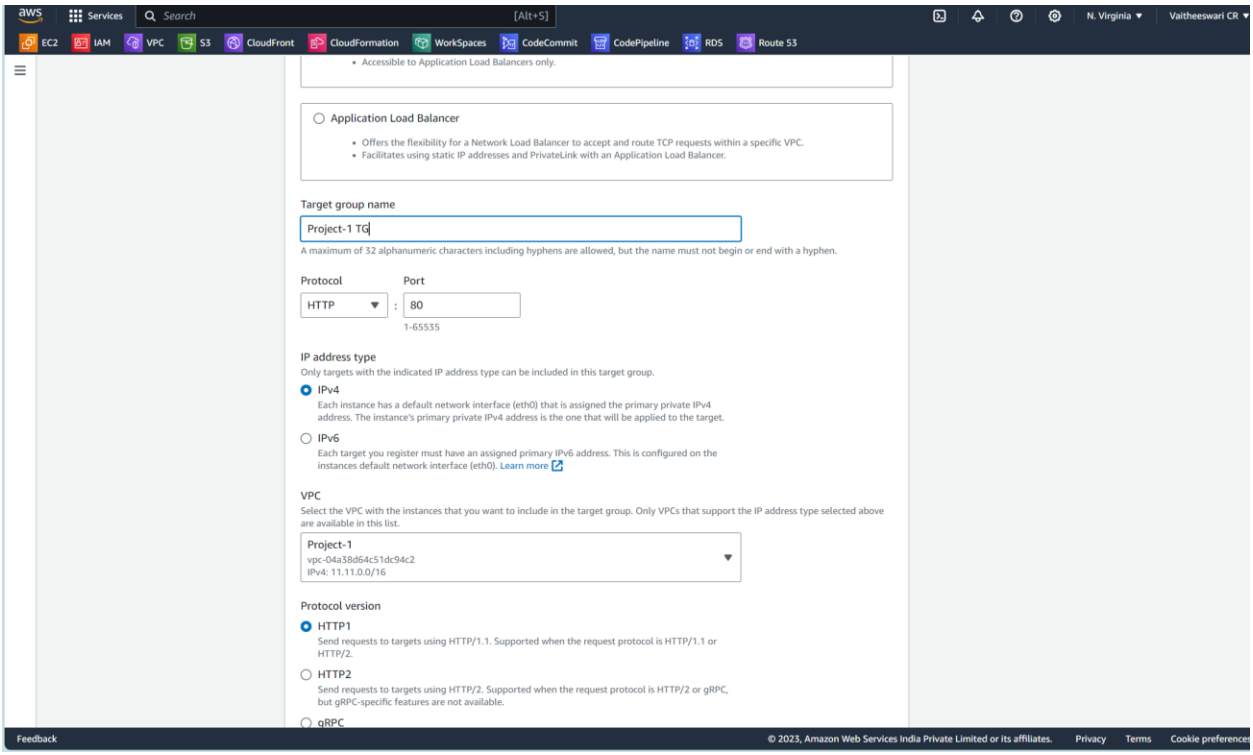

DNS Management
Edit nameservers
Choose nameservers for solutioninfo.in
GoDaddy Nameservers (recommended)
I'll use my own nameservers
ns-1483.awsdns-57.org
ns-1802.awsdns-33.co.uk
ns-902.awsdns-48.net
ns-478.awsdns-59.com
Add Nameserver
Save
Cancel


Basic configuration
Load balancer name
Project-1 ALB
Scheme
Internet-facing
Internal
IP address type
IPv4
Dualstack
Network mapping
VPC
Project-1
vpc-04a38d64c51dc94c2
IPv4: 11.11.0.0/16
Mappings
us-east-1a (use1-az2)



Created the Elastic load balancer for the hosted zone.

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Route 53
Accessible to Application Load Balancers only.
Application Load Balancer
Offers the flexibility for a Network Load Balancer to accept and route TCP requests within a specific VPC.
Facilitates using static IP addresses and PrivateLink with an Application Load Balancer.
Target group name
Project-1 TG
A maximum of 32 alphanumeric characters including hyphens are allowed, but the name must not begin or end with a hyphen.
Protocol
Port
HTTP
80
1-65535
IP address type
Only targets with the indicated IP address type can be included in this target group.
IPv4
Each instance has a default network interface (eth0) that is assigned the primary private IPv4 address. The instance's primary private IPv4 address is the one that will be applied to the target.
IPv6
Each target you register must have an assigned primary IPv6 address. This is configured on the instances default network interface (eth0). Learn more
VPC
Select the VPC with the instances that you want to include in the target group. Only VPCs that support the IP address type selected above are available in this list.
Project-1
vpc-04a38d64c51dc94c2
IPv4: 11.11.0.0/16
Protocol version
HTTP1
Send requests to targets using HTTP/1.1. Supported when the request protocol is HTTP/1.1 or HTTP/2.
HTTP2
Send requests to targets using HTTP/2. Supported when the request protocol is HTTP/2 or gRPC, but gRPC-specific features are not available.
gRPC
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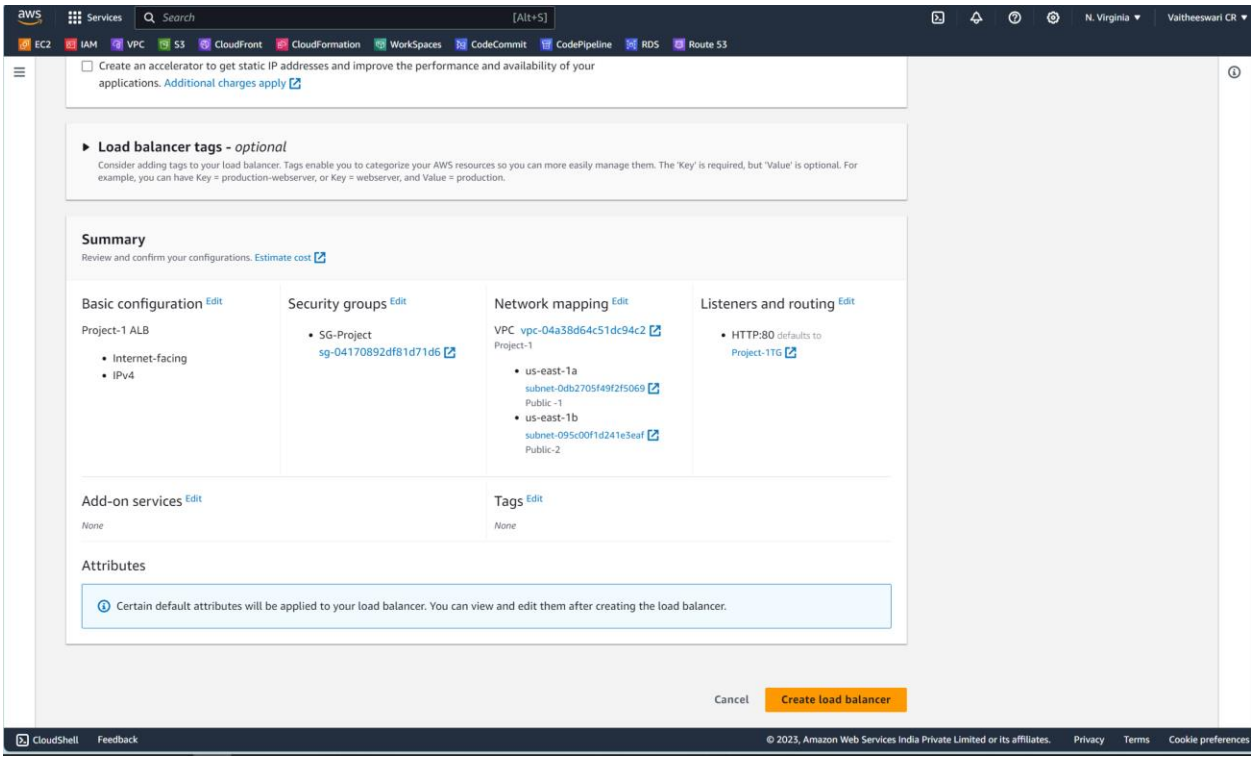
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N. Virginia
Vaitheeswari CR
EC2
IAM
VPC
S3
CloudFront
CloudFormation
WorkSpaces
CodeCommit
CodePipeline
RDS
Route 53
Create an accelerator to get static IP addresses and improve the performance and availability of your applications. Additional charges apply
Load balancer tags - optional
Consider adding tags to your load balancer. Tags enable you to categorize your AWS resources so you can more easily manage them. The 'Key' is required, but 'Value' is optional. For example, you can have Key = production-webserver, or Key = webserver, and Value = production.
Summary
Review and confirm your configurations. Estimate cost
Basic configuration Edit
Project-1 ALB
Internet-facing
IPv4
Security groups Edit
SG-Project
sg-04170892df81d71d6
Network mapping Edit
VPC vpc-04a38d64c51dc94c2
Project-1
us-east-1a
subnet-0db2705f49f2f5069
Public -1
us-east-1b
subnet-095c00f1d241e3eaf
Public-2
Listeners and routing Edit
HTTP:80 defaults to
Project-1TG
Add-on services Edit
None
Tags Edit
None
Attributes
Certain default attributes will be applied to your load balancer. You can view and edit them after creating the load balancer.
Cancel
Create load balancer
CloudShell
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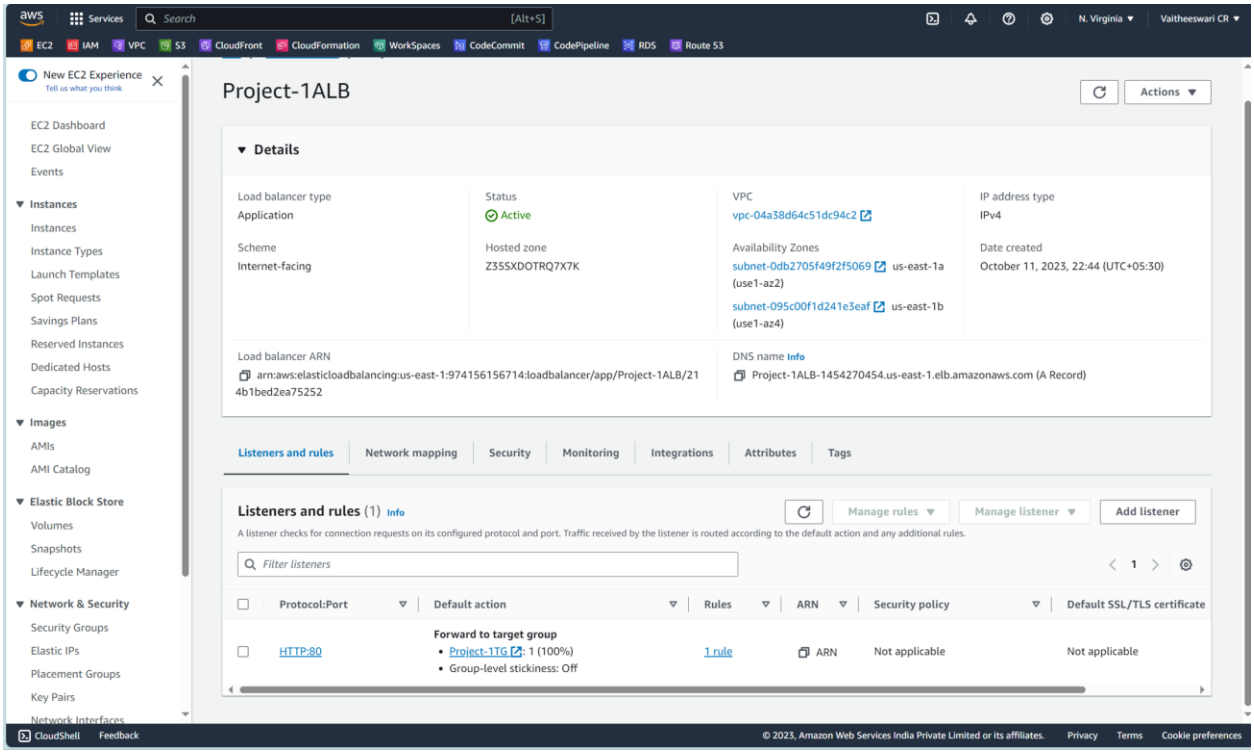
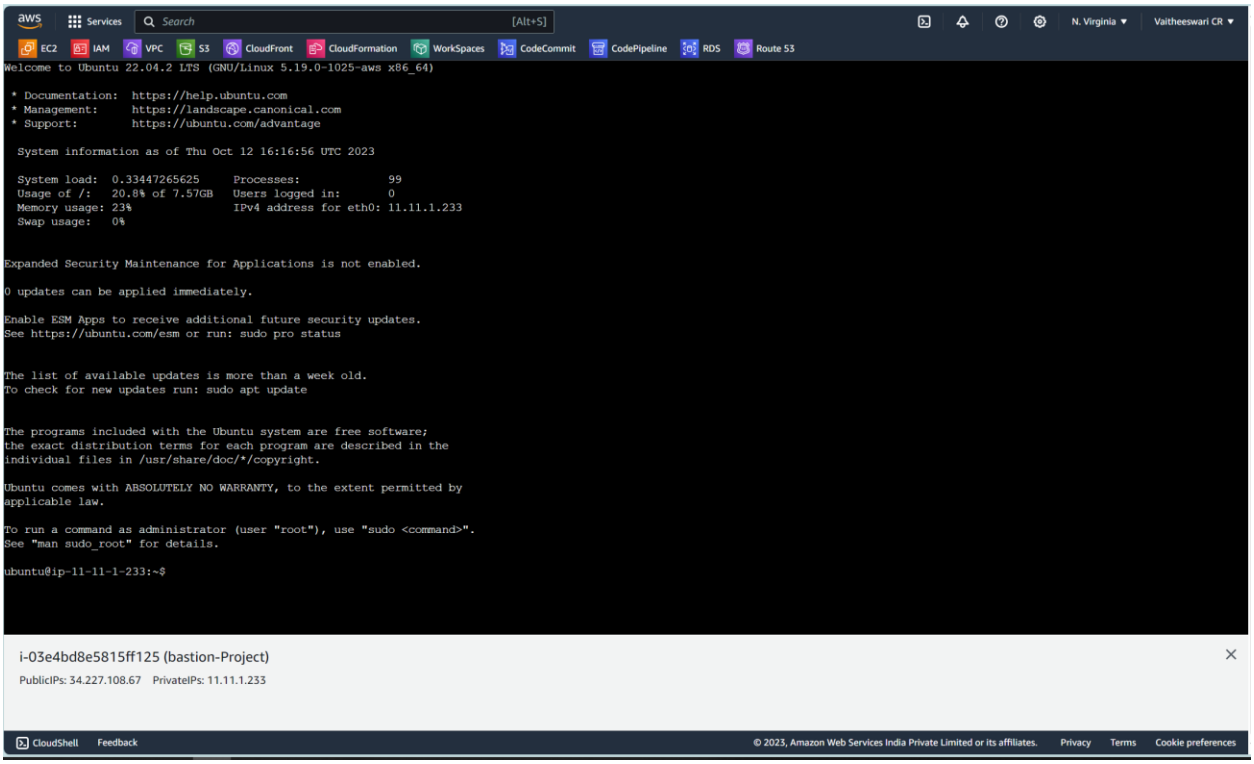
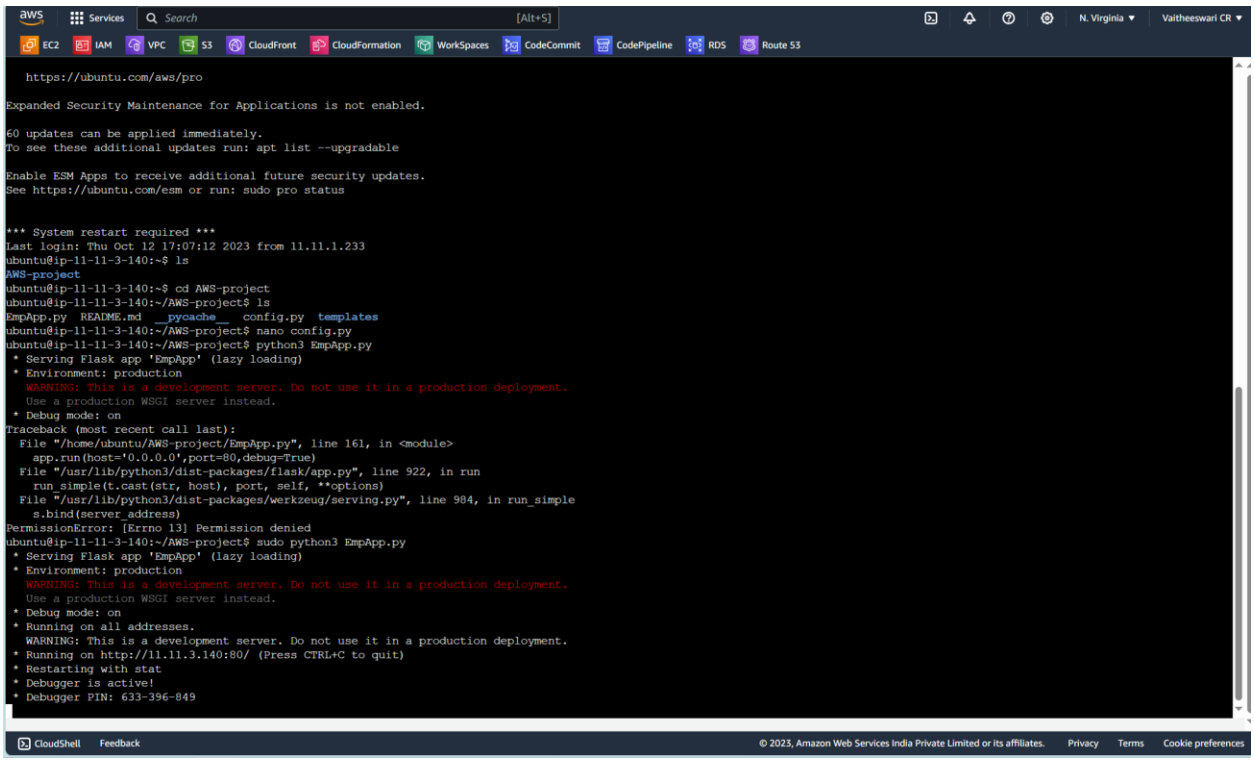
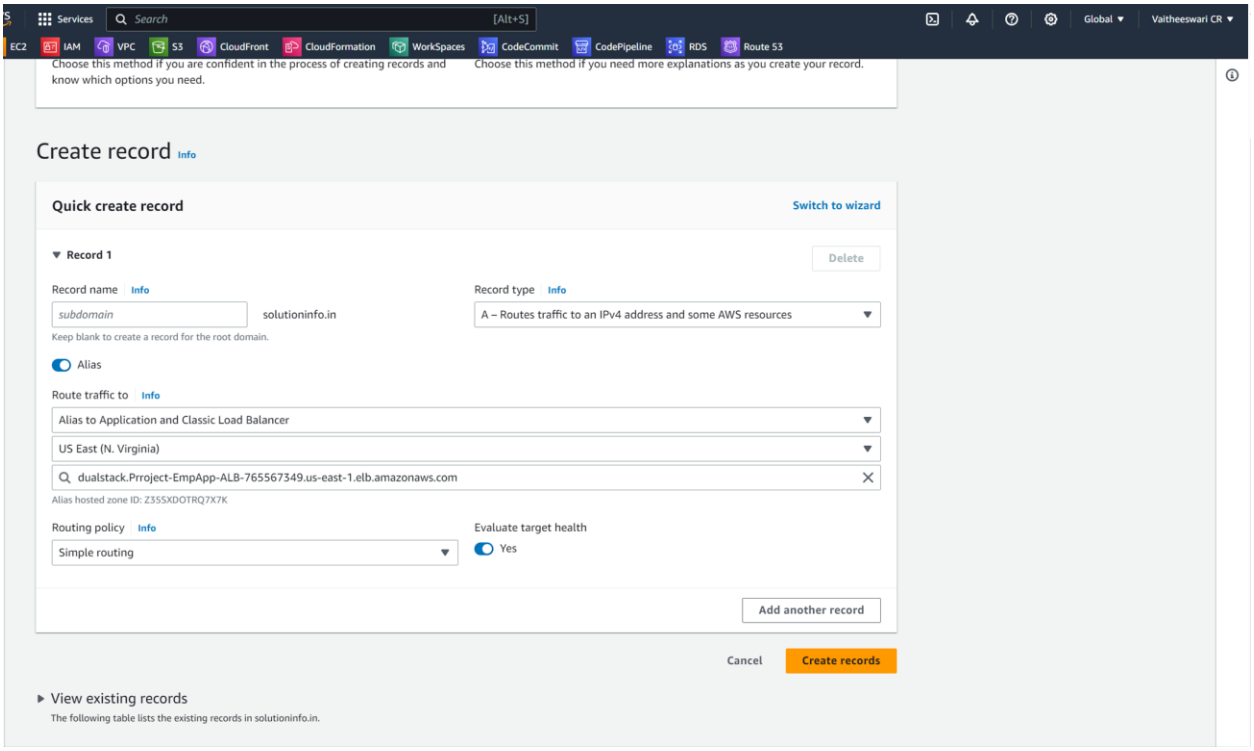


Connect the bastion -project instance:

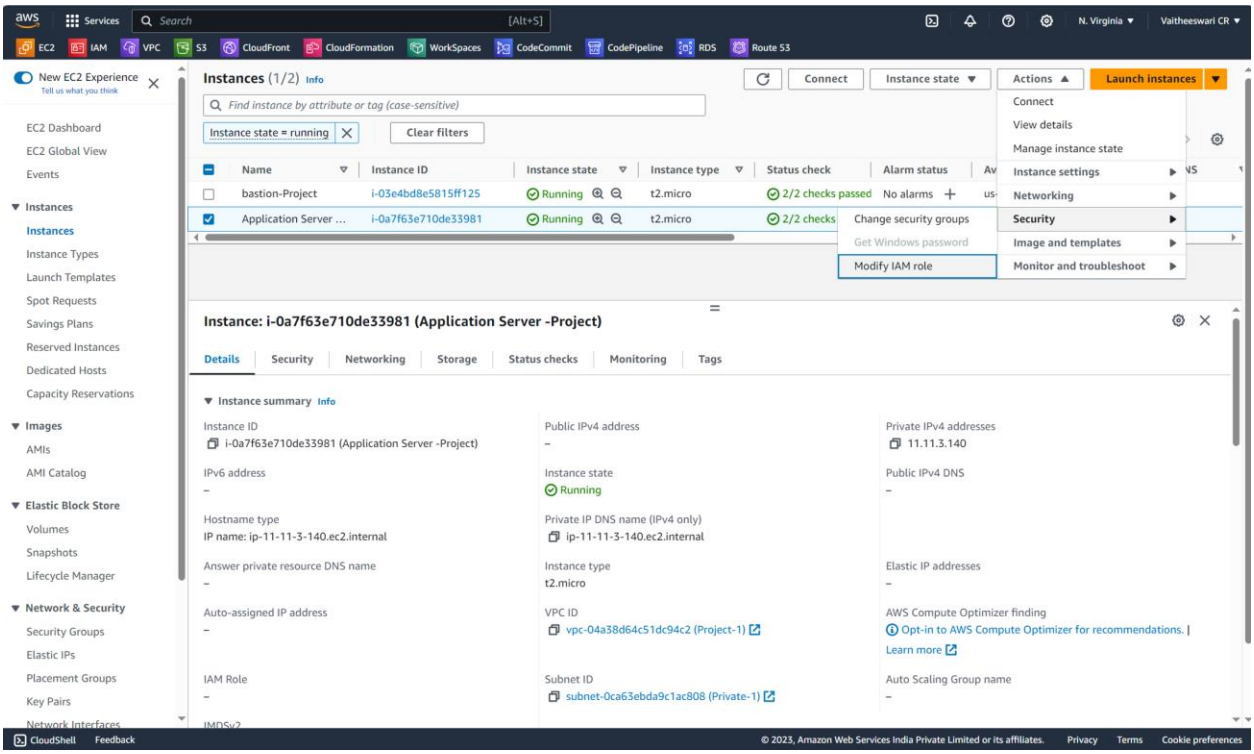


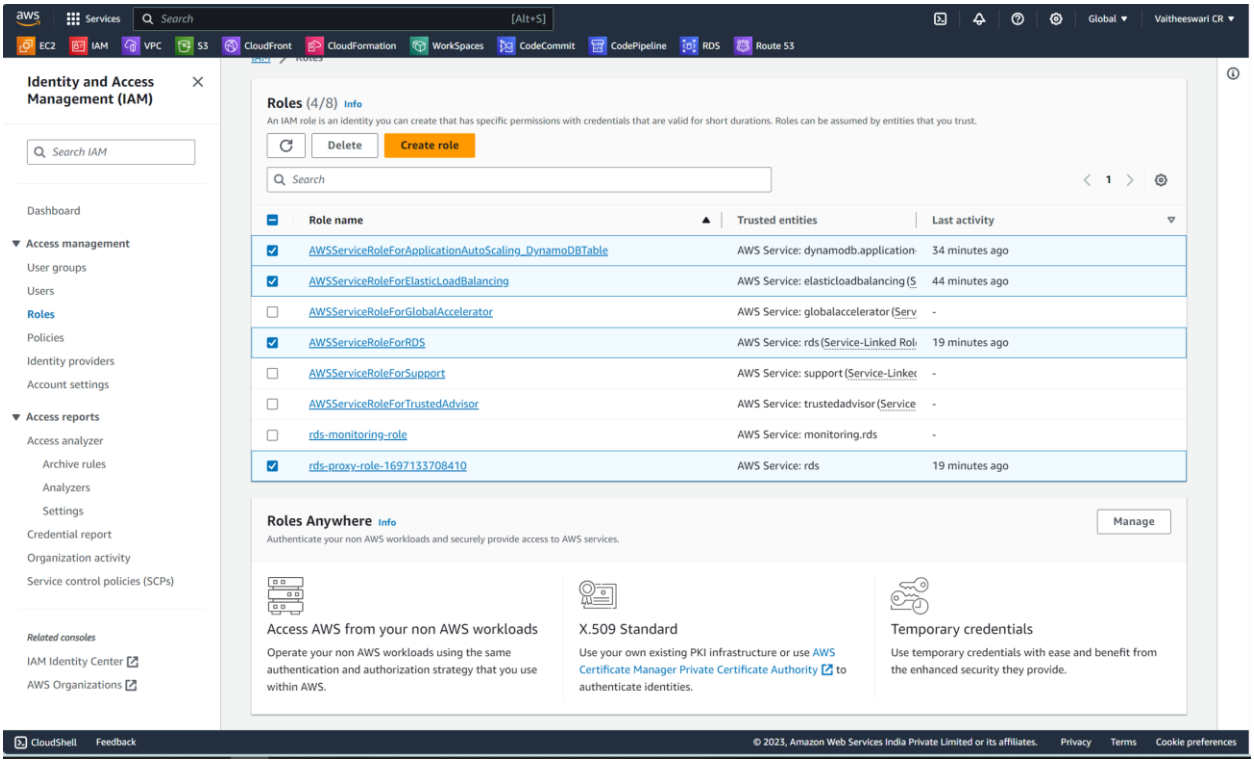


Created the Route53 Records for the ELB:



Created the IAM rule for the private instance:

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VPC
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CloudFront
CloudFormation
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Identity and Access Management (IAM)
Search IAM
Dashboard
Access management
User groups
Users
Roles
Policies
Identity providers
Account settings
Access reports
Access analyzer
Archive rules
Analyzers
Settings
Credential report
Organization activity
Service control policies (SCPs)
Related consoles
IAM Identity Center
AWS Organizations
Roles (4/8) Info
An IAM role is an identity you can create that has specific permissions with credentials that are valid for short durations. Roles can be assumed by entities that you trust.
Delete
Create role
Search
Role name
Trusted entities
Last activity
AWSServiceRoleForApplicationAutoScaling_DynamoDBTable
AWS Service: dynamodb.application
34 minutes ago
AWSServiceRoleForElasticLoadBalancing
AWS Service: elasticloadbalancing (S
44 minutes ago
AWSServiceRoleForGlobalAccelerator
AWS Service: globalaccelerator (Serv
-
AWSServiceRoleForRDS
AWS Service: rds (Service-Linked Rol
19 minutes ago
AWSServiceRoleForSupport
AWS Service: support (Service-Linke
-
AWSServiceRoleForTrustedAdvisor
AWS Service: trustedadvisor (Service
-
rds-monitoring-role
AWS Service: monitoring.rds
-
rds-proxy-role-1697133708410
AWS Service: rds
19 minutes ago
Roles Anywhere Info
Authenticate your non AWS workloads and securely provide access to AWS services.
Manage
Access AWS from your non AWS workloads
Operate your non AWS workloads using the same authentication and authorization strategy that you use within AWS.
X.509 Standard
Use your own existing PKI infrastructure or use AWS Certificate Manager Private Certificate Authority to authenticate identities.
Temporary credentials
Use temporary credentials with ease and benefit from the enhanced security they provide.
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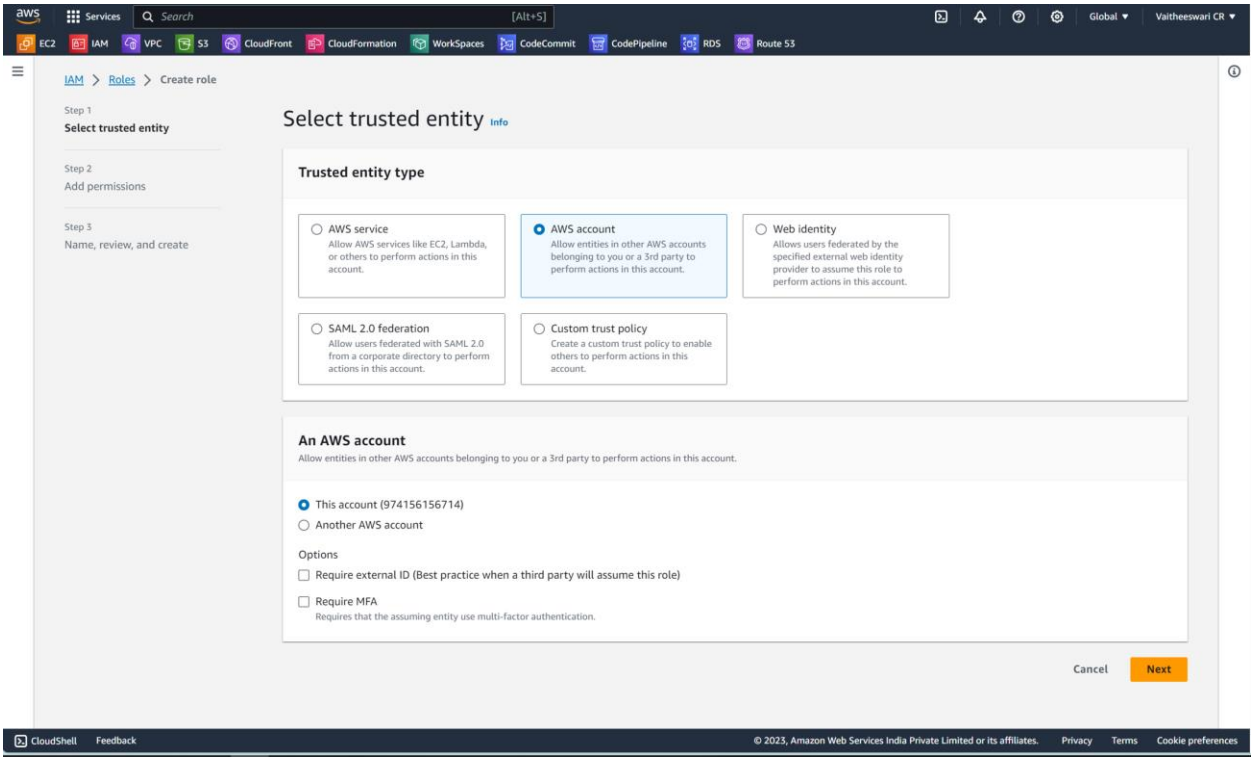
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EC2
IAM
VPC
S3
CloudFront
CloudFormation
WorkSpaces
CodeCommit
CodePipeline
RDS
Route 53
IAM > Roles > Create role
Step 1
Select trusted entity
Step 2
Add permissions
Step 3
Name, review, and create
Select trusted entity Info
Trusted entity type
AWS service
Allow AWS services like EC2, Lambda, or others to perform actions in this account.
AWS account
Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.
Web identity
Allows users federated by the specified external web identity provider to assume this role to perform actions in this account.
SAML 2.0 federation
Allow users federated with SAML 2.0 from a corporate directory to perform actions in this account.
Custom trust policy
Create a custom trust policy to enable others to perform actions in this account.
An AWS account
Allow entities in other AWS accounts belonging to you or a 3rd party to perform actions in this account.
This account (974156156714)
Another AWS account
Options
Require external ID (Best practice when a third party will assume this role)
Require MFA
Requires that the assuming entity use multi-factor authentication.
Cancel
Next
CloudShell
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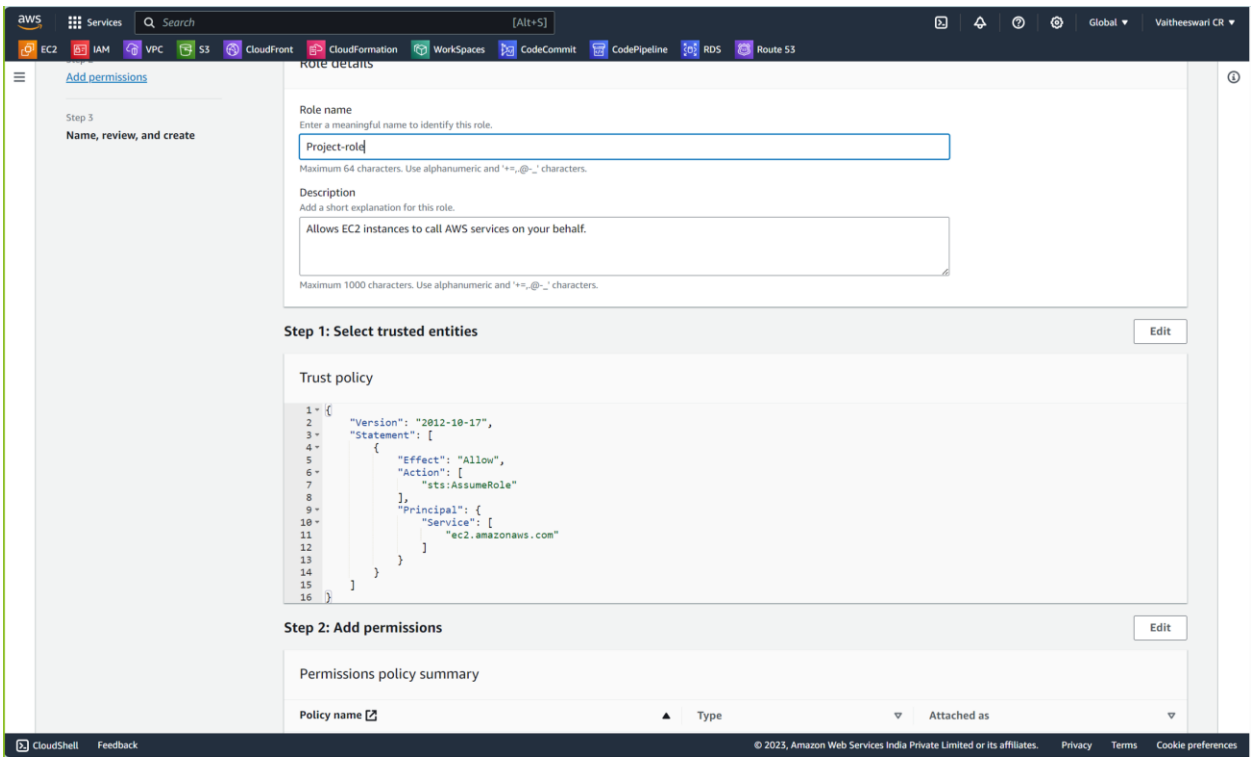
Services
Search
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Global
Vaitheeswari CR
EC2
IAM
VPC
S3
CloudFront
CloudFormation
WorkSpaces
CodeCommit
CodePipeline
RDS
Route 53
Add permissions
Step 3
Name, review, and create
Role details
Role name
Enter a meaningful name to identify this role.
Project-role
Maximum 64 characters. Use alphanumeric and '+=,.@-_' characters.
Description
Add a short explanation for this role.
Allows EC2 instances to call AWS services on your behalf.
Maximum 1000 characters. Use alphanumeric and '+=,.@-_' characters.
Step 1: Select trusted entities
Edit
Trust policy
{
"Version": "2012-10-17",
"Statement": [
{
"Effect": "Allow",
"Action": [
"sts:AssumeRole"
],
"Principal": {
"Service": [
"ec2.amazonaws.com"
]
}
}
]
}
Step 2: Add permissions
Edit
Permissions policy summary
Policy name
Type
Attached as
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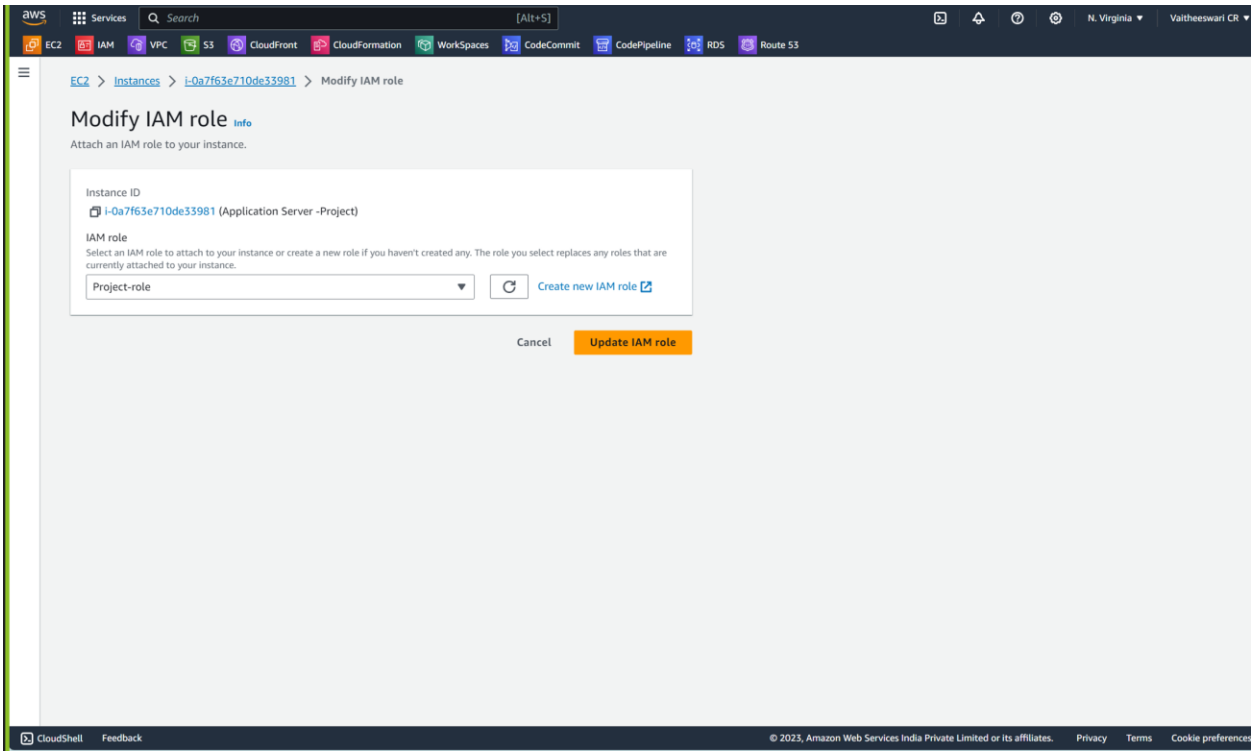
aws
Services
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Vaitheeswari CR
EC2
IAM
VPC
S3
CloudFront
CloudFormation
WorkSpaces
CodeCommit
CodePipeline
RDS
Route 53
EC2 > Instances > i-0a7f63e710de33981 > Modify IAM role
Modify IAM role Info
Attach an IAM role to your instance.
Instance ID
i-0a7f63e710de33981 (Application Server -Project)
IAM role
Select an IAM role to attach to your instance or create a new role if you haven't created any. The role you select replaces any roles that are currently attached to your instance.
Project-role
Create new IAM role
Cancel
Update IAM role
CloudShell
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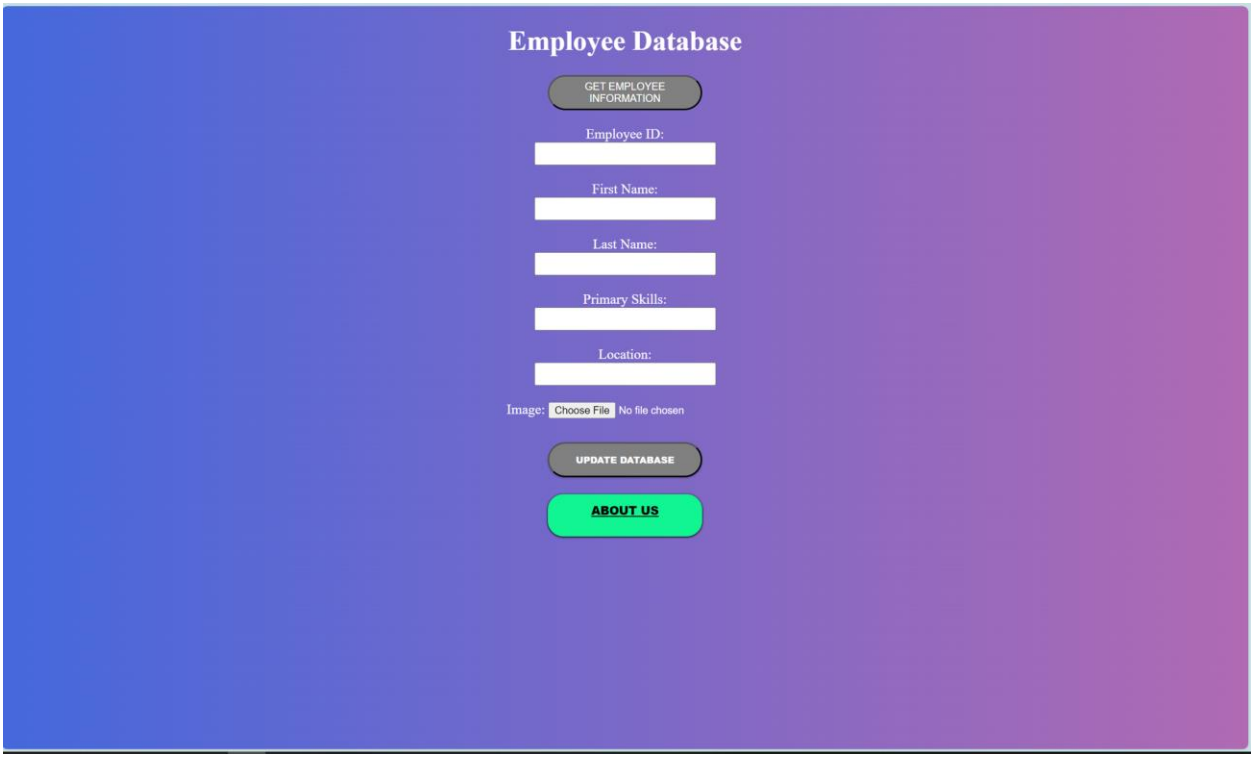
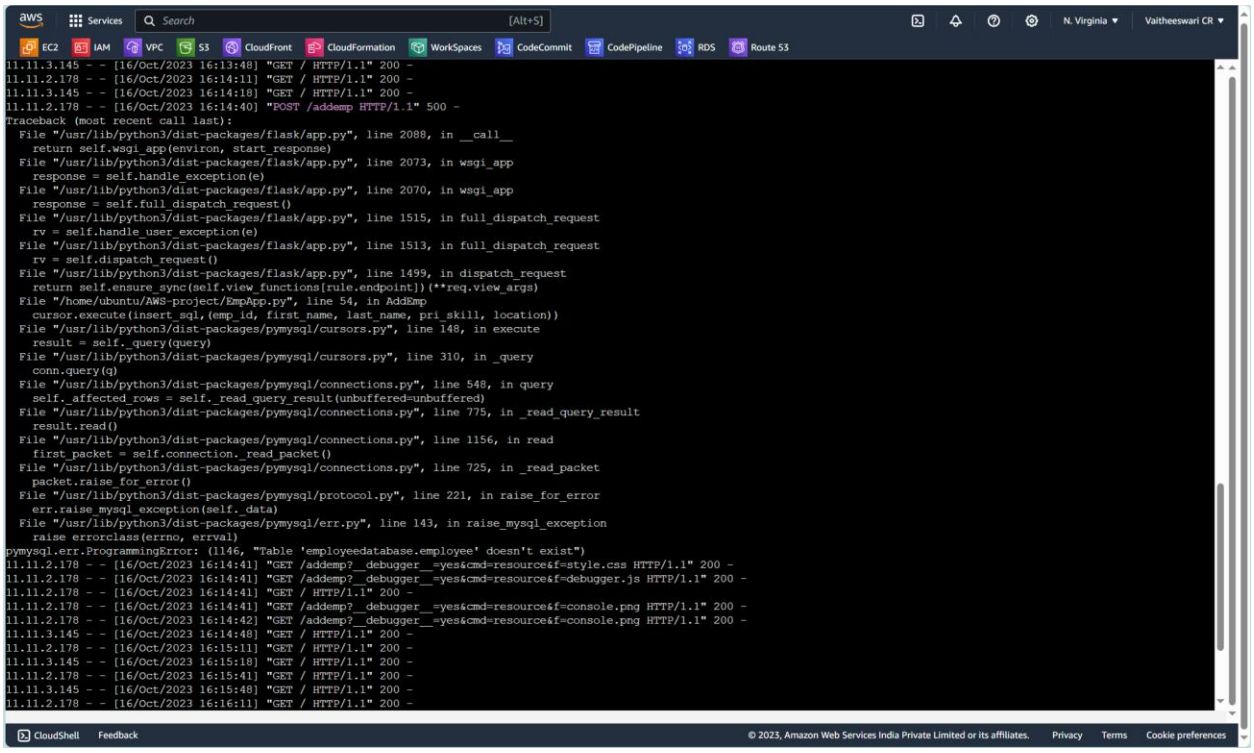

Employee Database
GET EMPLOYEE INFORMATION
Employee ID:
First Name:
Last Name:
Primary Skills:
Location:
Image:
Choose File
No file chosen
UPDATE DATABASE
ABOUT US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EC2
IAM
VPC
S3
CloudFront
CloudFormation
WorkSpaces
CodeCommit
CodePipeline
RDS
Route 53
11.11.3.145 - - [16/Oct/2023 16:13:48] "GET / HTTP/1.1" 200 -
11.11.2.178 - - [16/Oct/2023 16:14:11] "GET / HTTP/1.1" 200 -
11.11.3.145 - - [16/Oct/2023 16:14:18] "GET / HTTP/1.1" 200 -
11.11.2.178 - - [16/Oct/2023 16:14:40] "POST /addemp HTTP/1.1" 500 -
Traceback (most recent call last):
File "/usr/lib/python3/dist-packages/flask/app.py", line 2088, in __call__
return self.wsgi_app(environ, start_response)
File "/usr/lib/python3/dist-packages/flask/app.py", line 2073, in wsgi_app
response = self.handle_exception(e)
File "/usr/lib/python3/dist-packages/flask/app.py", line 2070, in wsgi_app
response = self.full_dispatch_request()
File "/usr/lib/python3/dist-packages/flask/app.py", line 1515, in full_dispatch_request
rv = self.handle_user_exception(e)
File "/usr/lib/python3/dist-packages/flask/app.py", line 1513, in full_dispatch_request
rv = self.dispatch_request()
File "/usr/lib/python3/dist-packages/flask/app.py", line 1499, in dispatch_request
return self.ensure_sync(self.view_functions[rule.endpoint])(**req.view_args)
File "/home/ubuntu/AWS-project/EmpApp.py", line 54, in AddEmp
cursor.execute(insert_sql,(emp_id, first_name, last_name, pri_skill, location))
File "/usr/lib/python3/dist-packages/pymysql/cursors.py", line 148, in execute
result = self._query(query)
File "/usr/lib/python3/dist-packages/pymysql/cursors.py", line 310, in _query
conn.query(q)
File "/usr/lib/python3/dist-packages/pymysql/connections.py", line 548, in query
self._affected_rows = self._read_query_result(unbuffered=unbuffered)
File "/usr/lib/python3/dist-packages/pymysql/connections.py", line 775, in _read_query_result
result.read()
File "/usr/lib/python3/dist-packages/pymysql/connections.py", line 1156, in read
first_packet = self.connection._read_packet()
File "/usr/lib/python3/dist-packages/pymysql/connections.py", line 725, in _read_packet
packet.raise_for_error()
File "/usr/lib/python3/dist-packages/pymysql/protocol.py", line 221, in raise_for_error
err.raise_mysql_exception(self._data)
File "/usr/lib/python3/dist-packages/pymysql/err.py", line 143, in raise_mysql_exception
raise errorclass(errno, errval)
pymysql.err.ProgrammingError: (1146, "Table 'employeedatabase.employee' doesn't exist")
11.11.2.178 - - [16/Oct/2023 16:14:41] "GET /addemp?__debugger__=yes&cmd=resource&f=style.css HTTP/1.1" 200 -
11.11.2.178 - - [16/Oct/2023 16:14:41] "GET /addemp?__debugger__=yes&cmd=resource&f=debugger.js HTTP/1.1" 200 -
11.11.2.178 - - [16/Oct/2023 16:14:41] "GET / HTTP/1.1" 200 -
11.11.2.178 - - [16/Oct/2023 16:14:41] "GET /addemp?__debugger__=yes&cmd=resource&f=console.png HTTP/1.1" 200 -
11.11.2.178 - - [16/Oct/2023 16:14:42] "GET /addemp?__debugger__=yes&cmd=resource&f=console.png HTTP/1.1" 200 -
11.11.3.145 - - [16/Oct/2023 16:14:48] "GET / HTTP/1.1" 200 -
11.11.2.178 - - [16/Oct/2023 16:15:11] "GET / HTTP/1.1" 200 -
11.11.3.145 - - [16/Oct/2023 16:15:18] "GET / HTTP/1.1" 200 -
11.11.2.178 - - [16/Oct/2023 16:15:41] "GET / HTTP/1.1" 200 -
11.11.3.145 - - [16/Oct/2023 16:15:48] "GET / HTTP/1.1" 200 -
11.11.2.178 - - [16/Oct/2023 16:16:11] "GET / HTTP/1.1" 200 -
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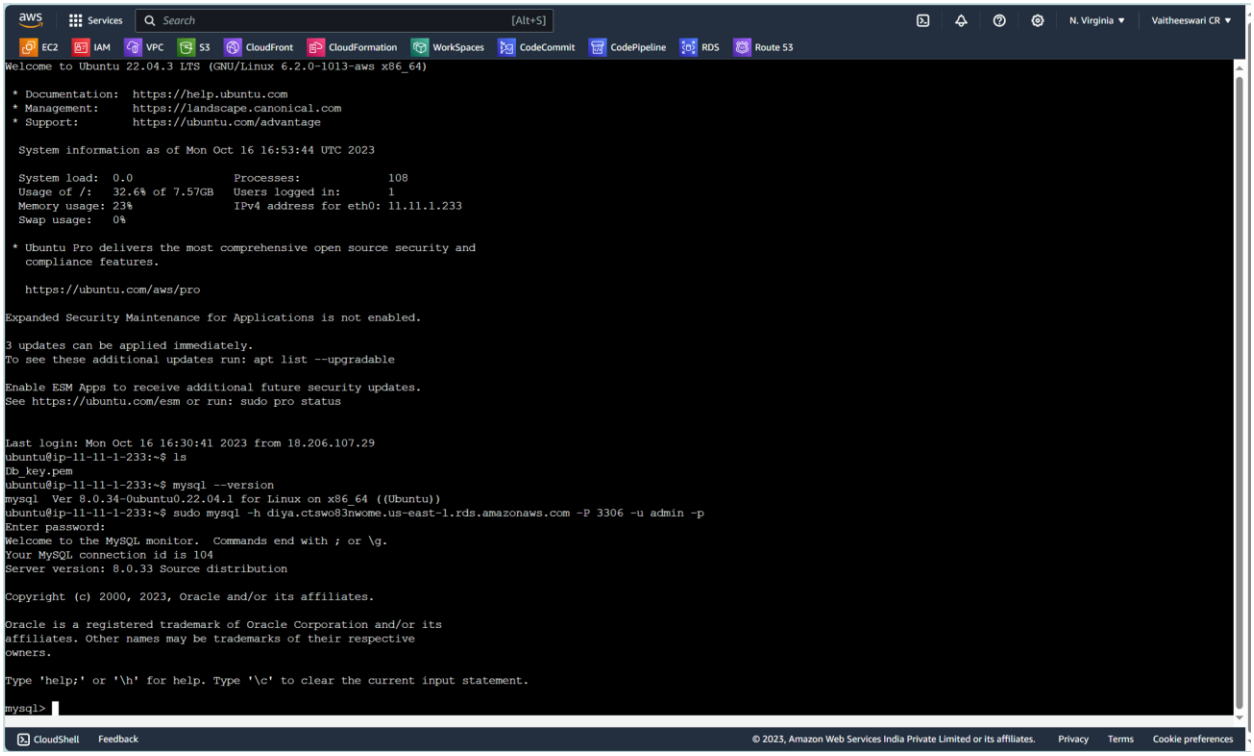
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Route 53
Welcome to Ubuntu 22.04.3 LTS (GNU/Linux 6.2.0-1013-aws x86_64)
* Documentation: https://help.ubuntu.com
* Management: https://landscape.canonical.com
* Support: https://ubuntu.com/advantage
System information as of Mon Oct 16 16:53:44 UTC 2023
System load: 0.0 Processes: 108
Usage of /: 32.6% of 7.57GB Users logged in: 1
Memory usage: 23% IPv4 address for eth0: 11.11.1.233
Swap usage: 0%
* Ubuntu Pro delivers the most comprehensive open source security and compliance features.
https://ubuntu.com/aws/pro
Expanded Security Maintenance for Applications is not enabled.
3 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
Last login: Mon Oct 16 16:30:41 2023 from 18.206.107.29
ubuntu@ip-11-11-1-233:~$ ls
Db_key.pem
ubuntu@ip-11-11-1-233:~$ mysql --version
mysql Ver 8.0.34-0ubuntu0.22.04.1 for Linux on x86_64 ((Ubuntu))
ubuntu@ip-11-11-1-233:~$ sudo mysql -h diya.ctswo83nwome.us-east-1.rds.amazonaws.com -P 3306 -u admin -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 104
Server version: 8.0.33 Source distribution
Copyright (c) 2000, 2023, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its 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>
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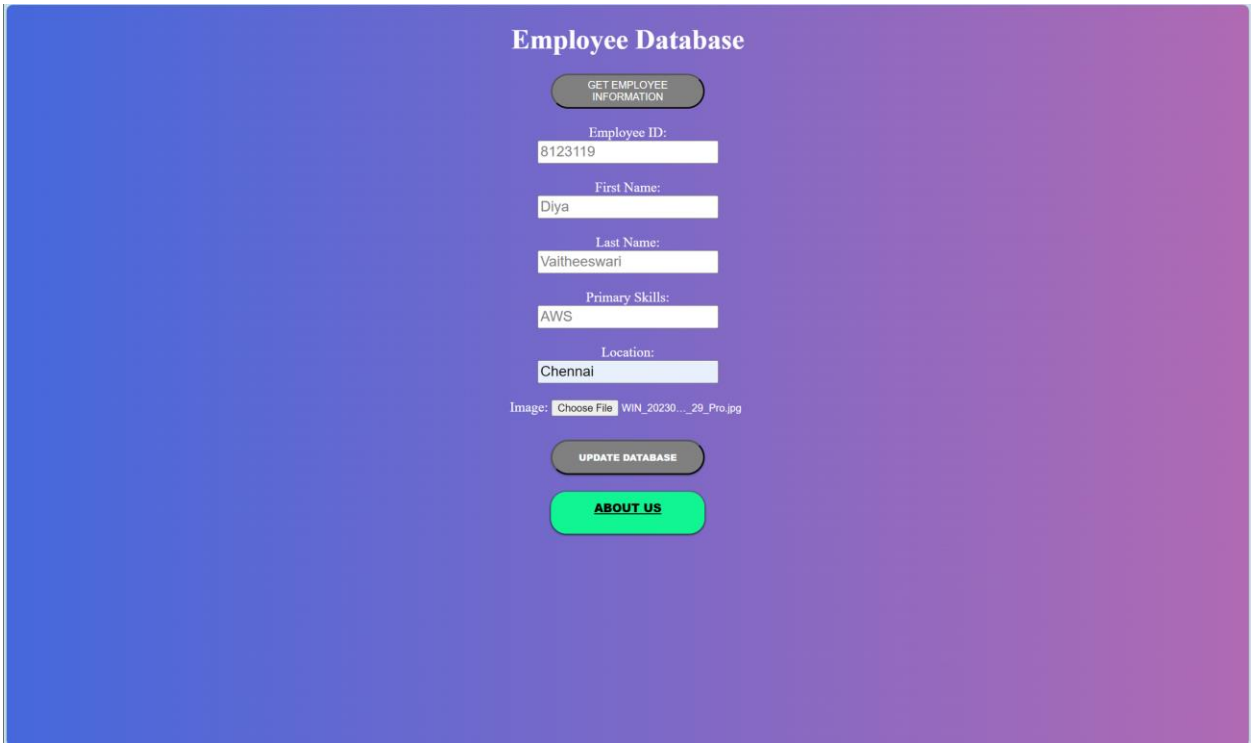
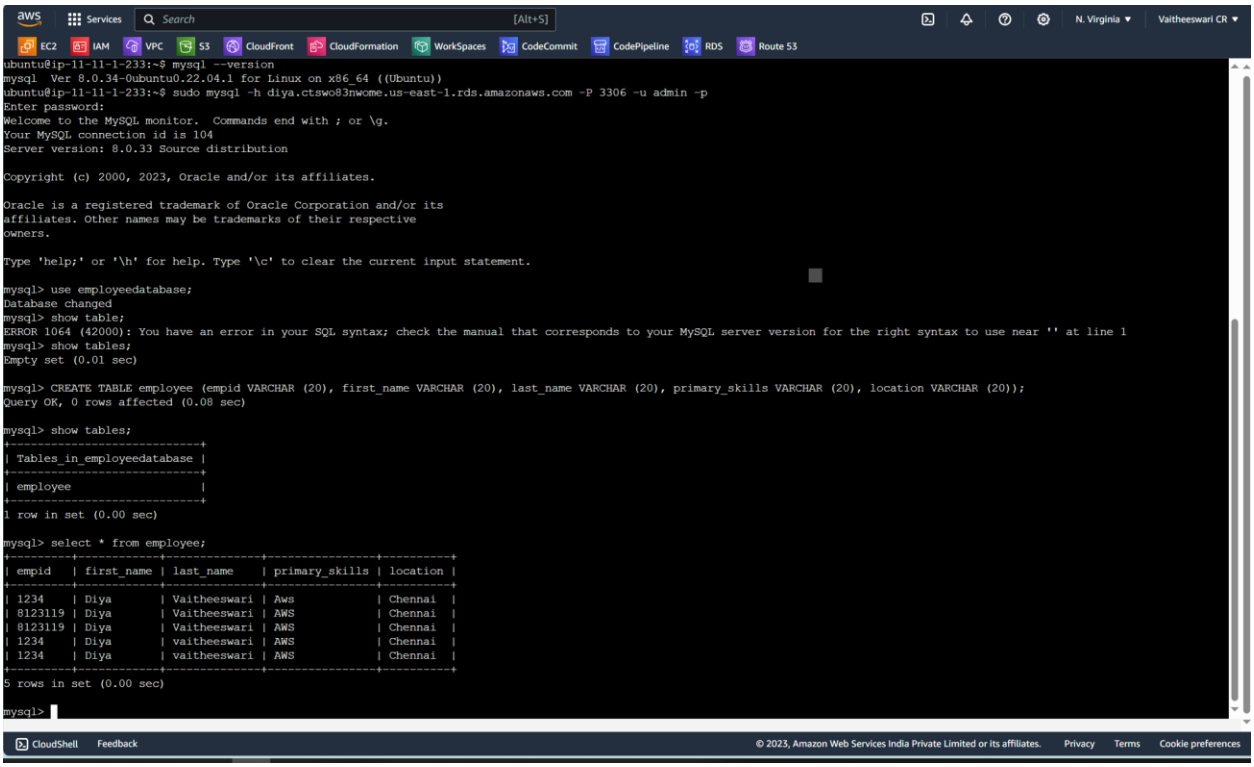

Employee Database
GET EMPLOYEE INFORMATION
Employee ID:
8123119
First Name:
Diya
Last Name:
Vaitheeswari
Primary Skills:
AWS
Location:
Chennai
Image:
Choose File
WIN_20230..._29_Pro.jpg
UPDATE DATABASE
ABOUT US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S3
CloudFront
CloudFormation
WorkSpaces
CodeCommit
CodePipeline
RDS
Route 53
ubuntu@ip-11-11-1-233:~$ mysql --version
mysql Ver 8.0.34-0ubuntu0.22.04.1 for Linux on x86_64 ((Ubuntu))
ubuntu@ip-11-11-1-233:~$ sudo mysql -h diya.ctswo83nwome.us-east-1.rds.amazonaws.com -P 3306 -u admin -p
Enter password:
Welcome to the MySQL monitor. Commands end with ; or \g.
Your MySQL connection id is 104
Server version: 8.0.33 Source distribution
Copyright (c) 2000, 2023, Oracle and/or its affiliates.
Oracle is a registered trademark of Oracle Corporation and/or its
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> use employeedatabase;
Database changed
mysql> show table;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '' at line 1
mysql> show tables;
Empty set (0.01 sec)
mysql> CREATE TABLE employee (empid VARCHAR (20), first_name VARCHAR (20), last_name VARCHAR (20), primary_skills VARCHAR (20), location VARCHAR (20));
Query OK, 0 rows affected (0.08 sec)
mysql> show tables;
+----------------------------+
| Tables_in_employeedatabase |
+----------------------------+
| employee |
+----------------------------+
1 row in set (0.00 sec)
mysql> select * from employee;
+---------+------------+--------------+----------------+----------+
| empid | first_name | last_name | primary_skills | location |
+---------+------------+--------------+----------------+----------+
1234	Diya	Vaitheeswari	Aws	Chennai
8123119	Diya	Vaitheeswari	AWS	Chennai
8123119	Diya	Vaitheeswari	AWS	Chennai
1234	Diya	vaitheeswari	AWS	Chennai
1234	Diya	vaitheeswari	AWS	Chennai
+---------+------------+--------------+----------------+----------+
5 rows in set (0.00 sec)
mysql>
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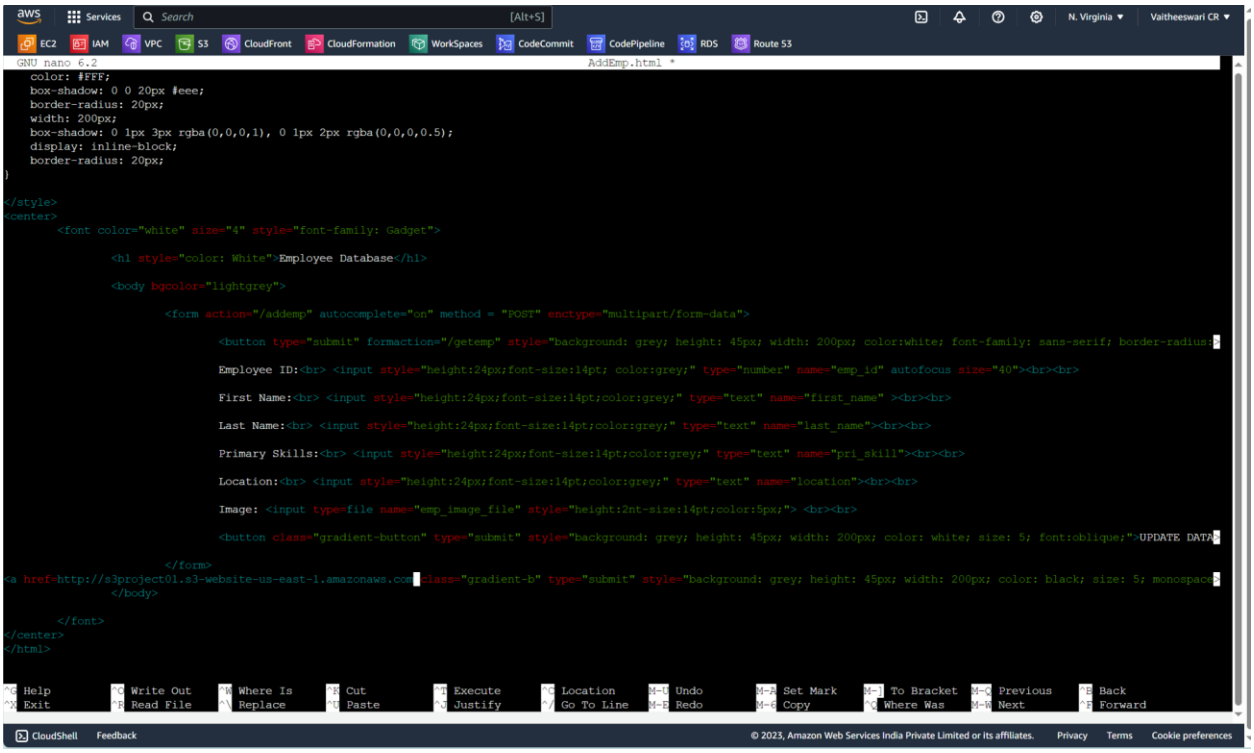
GNU nano 6.2
AddEmp.html *
color: #FFF;
box-shadow: 0 0 20px #eee;
border-radius: 20px;
width: 200px;
box-shadow: 0 1px 3px rgba(0,0,0,1), 0 1px 2px rgba(0,0,0,0.5);
display: inline-block;
border-radius: 20px;
}
</style>

<h1 style="color: White">Employee Database</h1>
<body bgcolor="lightgrey">
<form action="/addemp" autocomplete="on" method = "POST" enctype="multipart/form-data">
<button type="submit" formaction="/getemp" style="background: grey; height: 45px; width: 200px; color:white; font-family: sans-serif; border-radius:
Employee ID:
 <input style="height:24px;font-size:14pt; color:grey;" type="number" name="emp_id" autofocus size="40">

First Name:
 <input style="height:24px;font-size:14pt;color:grey;" type="text" name="first_name" >

Last Name:
 <input style="height:24px;font-size:14pt;color:grey;" type="text" name="last_name">

Primary Skills:
 <input style="height:24px;font-size:14pt;color:grey;" type="text" name="pri_skill">

Location:
 <input style="height:24px;font-size:14pt;color:grey;" type="text" name="location">

Image: <input type=file name="emp_image_file" style="height:2nt-size:14pt;color:5px;">

<button class="gradient-button" type="submit" style="background: grey; height: 45px; width: 200px; color: white; size: 5; font:oblique;">UPDATE DATA
</form>
<a href=http://s3project01.s3-website-us-east-1.amazonaws.com class="gradient-b" type="submit" style="background: grey; height: 45px; width: 200px; color: black; size: 5; monospace
</body>

</html>
^G Help ^O Write Out ^W Where Is ^K Cut ^T Execute ^C Location M-U Undo M-A Set Mark M-] To Bracket M-Q Previous ^B Back
^X Exit ^R Read File ^\ Replace ^U Paste ^J Justify ^/ Go To Line M-E Redo M-6 Copy ^Q Where Was M-W Next ^F Forward
CloudShell Feedback
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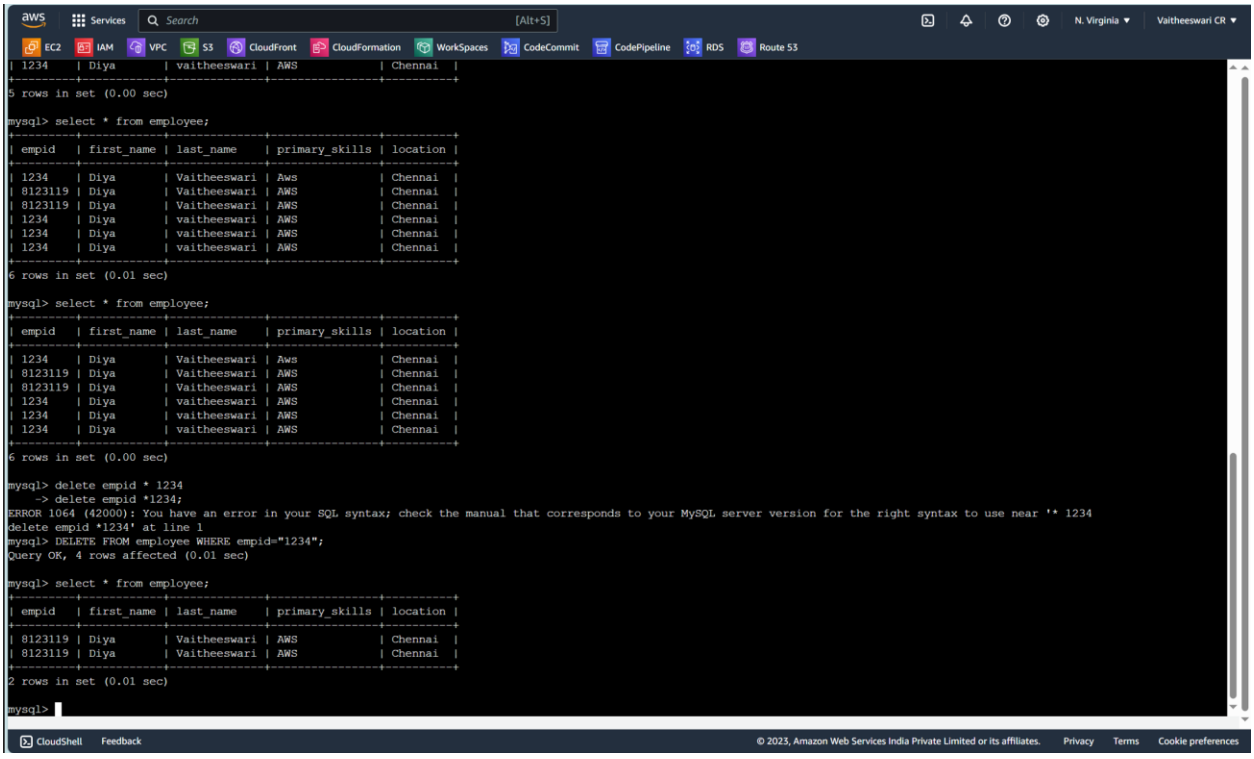
| 1234 | Diya | vaitheeswari | AWS | Chennai |
5 rows in set (0.00 sec)
mysql> select * from employee;
empid	first_name	last_name	primary_skills	location
1234	Diya	Vaitheeswari	Aws	Chennai
8123119	Diya	Vaitheeswari	AWS	Chennai
8123119	Diya	Vaitheeswari	AWS	Chennai
1234	Diya	Vaitheeswari	AWS	Chennai
1234	Diya	vaitheeswari	AWS	Chennai
1234	Diya	vaitheeswari	AWS	Chennai
6 rows in set (0.01 sec)
mysql> select * from employee;
empid	first_name	last_name	primary_skills	location
1234	Diya	Vaitheeswari	Aws	Chennai
8123119	Diya	Vaitheeswari	AWS	Chennai
8123119	Diya	Vaitheeswari	AWS	Chennai
1234	Diya	vaitheeswari	AWS	Chennai
1234	Diya	vaitheeswari	AWS	Chennai
1234	Diya	vaitheeswari	AWS	Chennai
6 rows in set (0.00 sec)
mysql> delete empid * 1234
-> delete empid *1234;
ERROR 1064 (42000): You have an error in your SQL syntax; check the manual that corresponds to your MySQL server version for the right syntax to use near '* 1234
delete empid *1234' at line 1
mysql> DELETE FROM employee WHERE empid="1234";
Query OK, 4 rows affected (0.01 sec)
mysql> select * from employee;
empid	first_name	last_name	primary_skills	location
8123119	Diya	Vaitheeswari	AWS	Chennai
8123119	Diya	Vaitheeswari	AWS	Chennai
2 rows in set (0.01 sec)
mysql>
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