Connect to Bastion Host :

```
Hemant@DESKTOP-59K53HV MINGW64 ~/OneDrive/Desktop/aws
$ ssh -i my-vpc-key.pem ec2-user@13.127.246.228
The authenticity of host '13.127.246.228 (13.127.246.228)' can't be established.
ED25519 key fingerprint is SHA256:/QEwvDDV0iB4Vo5AB5B6Yanw9Tl6vBfpJpr5lIExkvs.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '13.127.246.228' (ED25519) to the list of known hosts
.
       ,       #_
     ~\_  ####_         Amazon Linux 2023
    ~~  \_#####\
    ~~     \###|
    ~~      \#/ ___     https://aws.amazon.com/linux/amazon-linux-2023
     ~~     V~' '->
      ~~~         /
        ~~._.   _/
          _/ _/
        _/m/'
[ec2-user@ip-10-0-1-152 ~]$ |
```
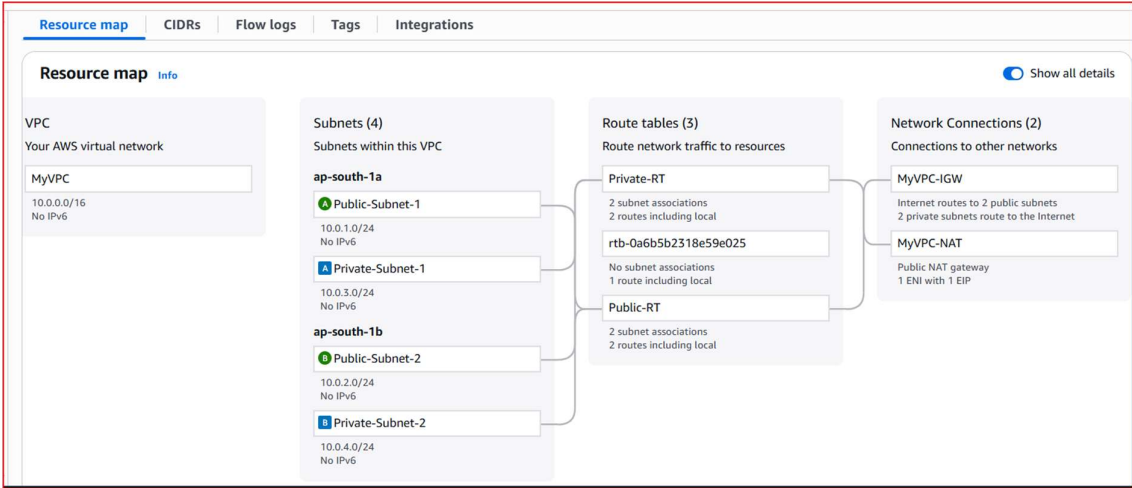
Copy Key to Bastion Host

```
Hemant@DESKTOP-59K53HV MINGW64 ~/OneDrive/Desktop/aws
$ ssh -i my-vpc-key.pem ec2-user@13.127.246.228
       ,       #_
     ~\_  ####_         Amazon Linux 2023
    ~~  \_#####\
    ~~     \###|
    ~~      \#/ ___     https://aws.amazon.com/linux/amazon-linux-2023
     ~~     V~' '->
      ~~~         /
        ~~._.   _/
          _/ _/
        _/m/'
Last login: Sun Sep 21 13:58:26 2025 from 49.36.49.19
[ec2-user@ip-10-0-1-152 ~]$ ls -lrt
total 4
-r--r--r--. 1 ec2-user ec2-user 1674 Sep 21 14:13 my-vpc-key.pem
[ec2-user@ip-10-0-1-152 ~]$
[ec2-user@ip-10-0-1-152 ~]$
[ec2-user@ip-10-0-1-152 ~]$ chmod 400 my-vpc-key.pem
[ec2-user@ip-10-0-1-152 ~]$ ls -lrt
total 4
-r--------. 1 ec2-user ec2-user 1674 Sep 21 14:13 my-vpc-key.pem
[ec2-user@ip-10-0-1-152 ~]$ |
```

Connect to Private Instance via Bastion

```
[ec2-user@ip-10-0-1-152 ~]$ ls -lrt
total 4
-r--------. 1 ec2-user ec2-user 1674 Sep 21 14:13 my-vpc-key.pem
[ec2-user@ip-10-0-1-152 ~]$ ssh -i my-vpc-key.pem ec2-user@10.0.1.152
The authenticity of host '10.0.1.152 (10.0.1.152)' can't be established.
ED25519 key fingerprint is SHA256:/QEwvDDVOiB4Vo5AB5B6Yanw9Tl6vBfpJpr5lIExkvs.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.0.1.152' (ED25519) to the list of known hosts.
    ,        #_
   ~\_   ####_              Amazon Linux 2023
  ~~   \_#####\
  ~~        \###|
  ~~         \#/ ___        https://aws.amazon.com/linux/amazon-linux-2023
   ~~       V~' '->
    ~~~         /
      ~~._.   _/
        _/ _/
       _/m/'
Last login: Sun Sep 21 14:14:01 2025 from 49.36.49.19
[ec2-user@ip-10-0-1-152 ~]$ hostname
ip-10-0-1-152.ap-south-1.compute.internal
[ec2-user@ip-10-0-1-152 ~]$ |
```

```
[ec2-user@ip-10-0-1-152 ~]$ hostname
ip-10-0-1-152.ap-south-1.compute.internal
[ec2-user@ip-10-0-1-152 ~]$ ping google.com
PING google.com (142.250.70.46) 56(84) bytes of data.
64 bytes from pnbomb-aa-in-f14.1e100.net (142.250.70.46): icmp_seq=1 ttl=114 time=2.33 ms
64 bytes from pnbomb-aa-in-f14.1e100.net (142.250.70.46): icmp_seq=2 ttl=114 time=2.31 ms
64 bytes from pnbomb-aa-in-f14.1e100.net (142.250.70.46): icmp_seq=3 ttl=114 time=2.68 ms
^Z
[1]+  Stopped                 ping google.com
[ec2-user@ip-10-0-1-152 ~]$ exit
logout
There are stopped jobs.
[ec2-user@ip-10-0-1-152 ~]$ hostname
ip-10-0-1-152.ap-south-1.compute.internal
[ec2-user@ip-10-0-1-152 ~]$ ping google.com
PING google.com (142.250.70.46) 56(84) bytes of data.
64 bytes from pnbomb-aa-in-f14.1e100.net (142.250.70.46): icmp_seq=1 ttl=114 time=2.23 ms
64 bytes from pnbomb-aa-in-f14.1e100.net (142.250.70.46): icmp_seq=2 ttl=114 time=2.27 ms
64 bytes from pnbomb-aa-in-f14.1e100.net (142.250.70.46): icmp_seq=3 ttl=114 time=2.37 ms
^Z
[2]+  Stopped                 ping google.com
[ec2-user@ip-10-0-1-152 ~]$ ^C
[ec2-user@ip-10-0-1-152 ~]$ ping 10.0.1.152
PING 10.0.1.152 (10.0.1.152) 56(84) bytes of data.
64 bytes from 10.0.1.152: icmp_seq=1 ttl=127 time=0.022 ms
64 bytes from 10.0.1.152: icmp_seq=2 ttl=127 time=0.031 ms
^Z
[3]+  Stopped                 ping 10.0.1.152
[ec2-user@ip-10-0-1-152 ~]$ |
```

ALB :

Log group :

Database

Aurora and RDS ‹

Dashboard
Databases
Query editor
Performance insights
Snapshots
Exports in Amazon S3
Automated backups
Reserved instances
Proxies

Subnet groups
Parameter groups
Option groups
Custom engine versions
Zero-ETL integrations New

Events
Event subscriptions

Recommendations 0
Certificate update

database-1

Modify | Actions ▼

Summary

DB identifier	Status	Role	Engine	Recommendations
database-1	⊘ Available	Instance	PostgreSQL	
CPU	**Class**	**Current activity**	**Region & AZ**	
▭ 4.61%	db.t4g.micro	▭ 0.03 sessions	ap-south-1a	

Connectivity & security | Monitoring | Logs & events | Configuration | Zero-ETL integrations | Maintenance & backups | Data migrations - *new* | Tags | Recommendations

Connectivity & security

Endpoint & port

Endpoint
⊡ database-1.c9w6oewmatan.ap-south-1.rds.amazo
naws.com

Port
5432

Networking

Availability Zone
ap-south-1a

VPC
MyVPC (vpc-0c64688796f27038d)

Subnet group
default-vpc-0c64688796f27038d

Subnets
subnet-0af7be2b4d10ef4cf
subnet-0d665227874f009ce
subnet-01ca6e313b770d8ae
subnet-09fc70e057649ef24

Security

VPC security groups
rds-ec2-1 (sg-04f989b2f76da249a)
⊘ Active
Private-SG (sg-09608bfe8200a995a)
⊘ Active

Publicly accessible
No

Certificate authority Info
rds-ca-rsa2048-g1

Certificate authority date
May 20, 2061, 00:10 (UTC+05:30)