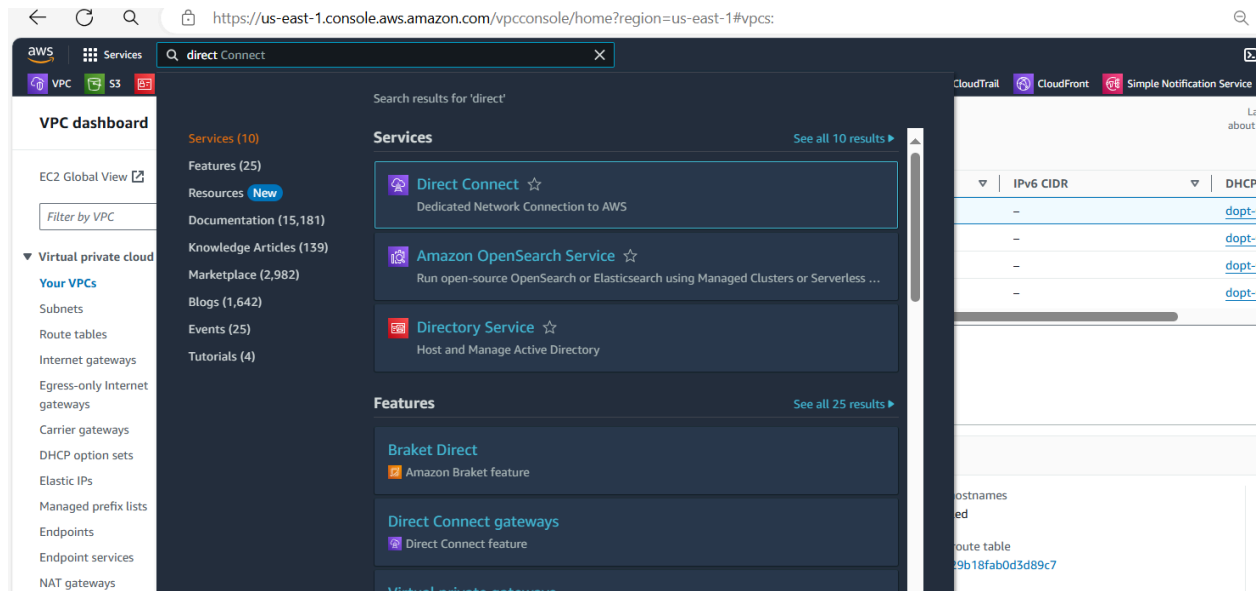
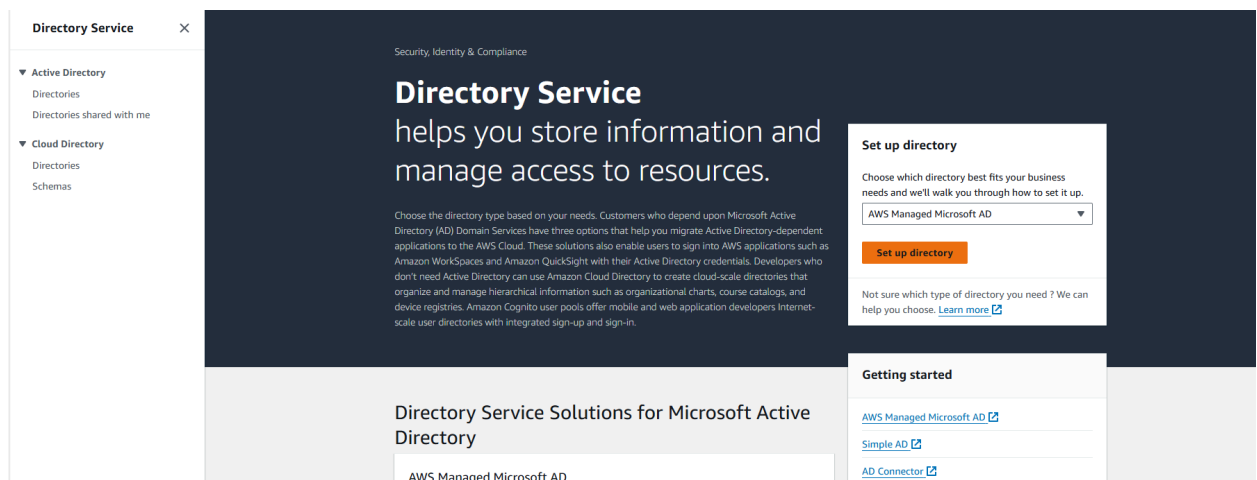


## RDS Kerberos using Connect RDS Servers using Windows or Linux

### 1-Click On Directory Service in AWS Console



### 2-SetUp a Directory



### 3-Select Aws Managed Directory



\* includes two domain controllers, USD 43.2000/mo for each additional domain controller.

144.0000/mo for each additional domain controller.

**Directory DNS name**  
A fully qualified domain name. This name will resolve inside your VPC only. It does not need to be publicly resolvable.

**Directory NetBIOS name - optional**  
A short identifier for your domain. If you do not specify a NetBIOS name, it will default to the first part of your Directory DNS name.

Maximum of 15 characters, can't contain spaces or the following characters: `\:;\*?\*<>|`. It must not start with `.`.

**Directory description - optional**  
Descriptive text that appears on the details page after the directory has been created.

Maximum of 128 characters, can only contain alphanumerics, and the following characters: `\_.@#%\*+=:?./!\`+`. It may not start with a special character.

**Admin password**  
The password for the default administrative user named Admin.

Passwords must be between 8 and 64 characters, not contain the word "admin", and include three of these four categories: lowercase, uppercase, numeric, and special characters.

**Confirm password**

This password must match the Admin password above.

Cancel

Previous

Next

## 7-Select the VPC

## 8-Select the Subnets

Directory Service > Directories > Set up a directory

Step 1  
[Select directory type](#)

Step 2  
[Enter directory information](#)

Step 3  
**Choose VPC and subnets**

Step 4  
Review & create

**Choose VPC and subnets** [info](#)

**Networking**  
The VPC that contains your directory. If you do not have a VPC with at least two subnets, you must create one.

**VPC** [info](#)

↻

**Subnets** [info](#)

↻

↻

Initial AD site name for this directory [info](#)  
Default-First-Site-Name

Cancel

Previous

Next

## 9-Click on Create Create Directory

Step 1  
[Select directory type](#)

Step 2  
[Enter directory information](#)

Step 3  
[Choose VPC and subnets](#)

Step 4  
**Review & create**

## Review & create [Info](#)

### Review

|                          |   |
|--------------------------|---|
| Directory type           | VPC   |
| Microsoft AD             | VPC-1   vpc-061c5033df8adede6 (10.1.0.0/16)                         |
| Operating system version | Subnets   |
| Windows Server 2019      | VPC-1-public-1   subnet-064b5b07f40b1aebc (10.1.1.0/24, us-east-1a) |
| Directory DNS name       | VPC-1-DB-2   subnet-012139dccc6dc732d (10.1.60.0/24, us-east-1b)    |
| anjitest.xyz             |   |
| Directory NetBIOS name   |   |
| -                        |   |
| Directory description    |   |
| -                        |   |

### Pricing

|  |  |
|--|--|
| Edition  | Free trial eligible <a href="#">Learn more</a> |
| Standard   | 30-day limited trial                           |
| Domain controllers charge  |  |
| ~USD 86.4000/mo (USD 0.1200/hr)*   |  |
| * Includes two domain controllers, USD 43.2000/mo for each additional domain controller. |  |

Cancel Previous **Create directory**

10-Click on Create. It takes 20-45 minutes

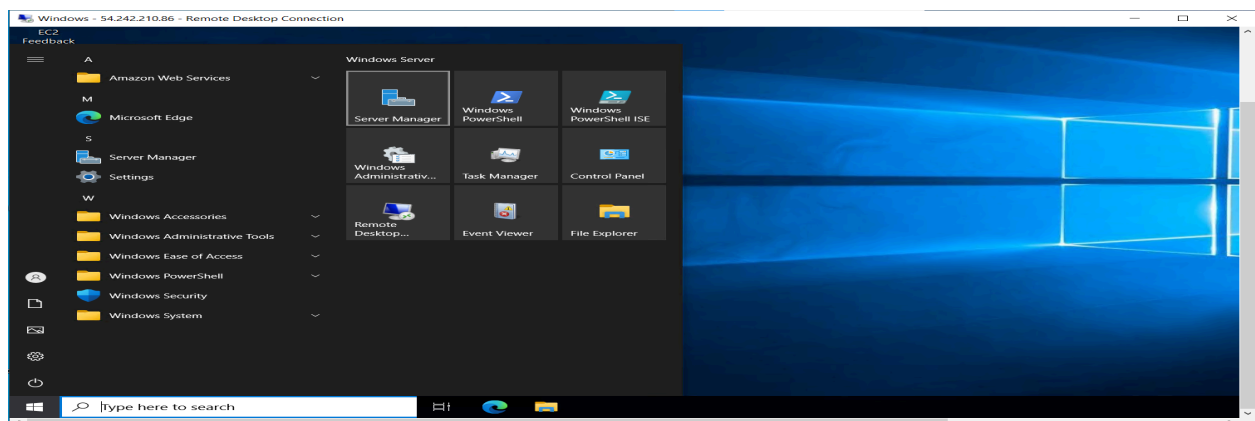
Directory Service > Directories

Directories (1) [Info](#)

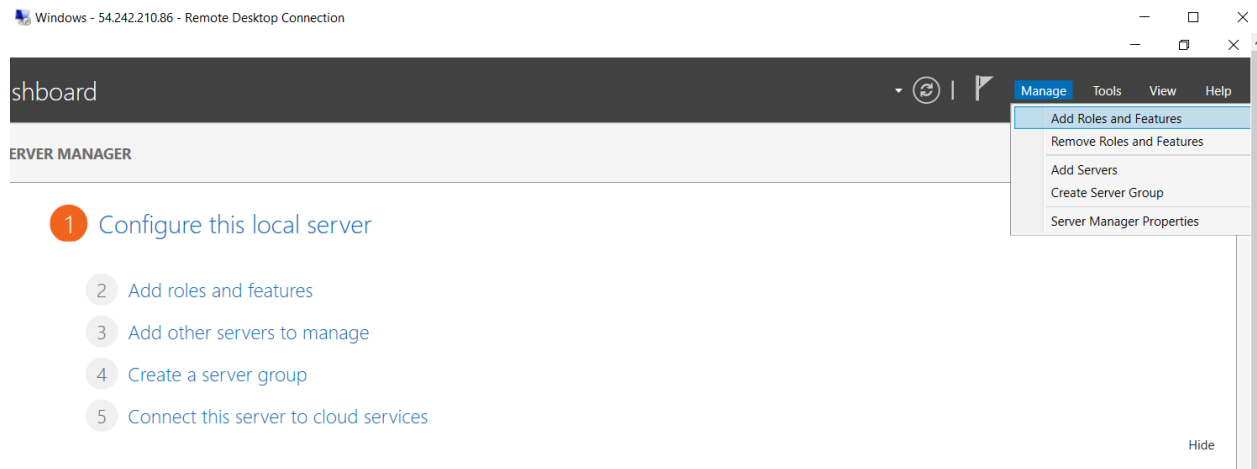
Find by directory ID or name

| Directory ID                 | Directory name | Type         | Size     | Multi-Region   | Status   | Launch date  |
|------------------------------|----------------|--------------|----------|----------------|----------|--------------|
| <a href="#">d-9067d1814d</a> | anjitest.xyz   | Microsoft AD | Standard | Not applicable | Creating | Aug 23, 2024 |

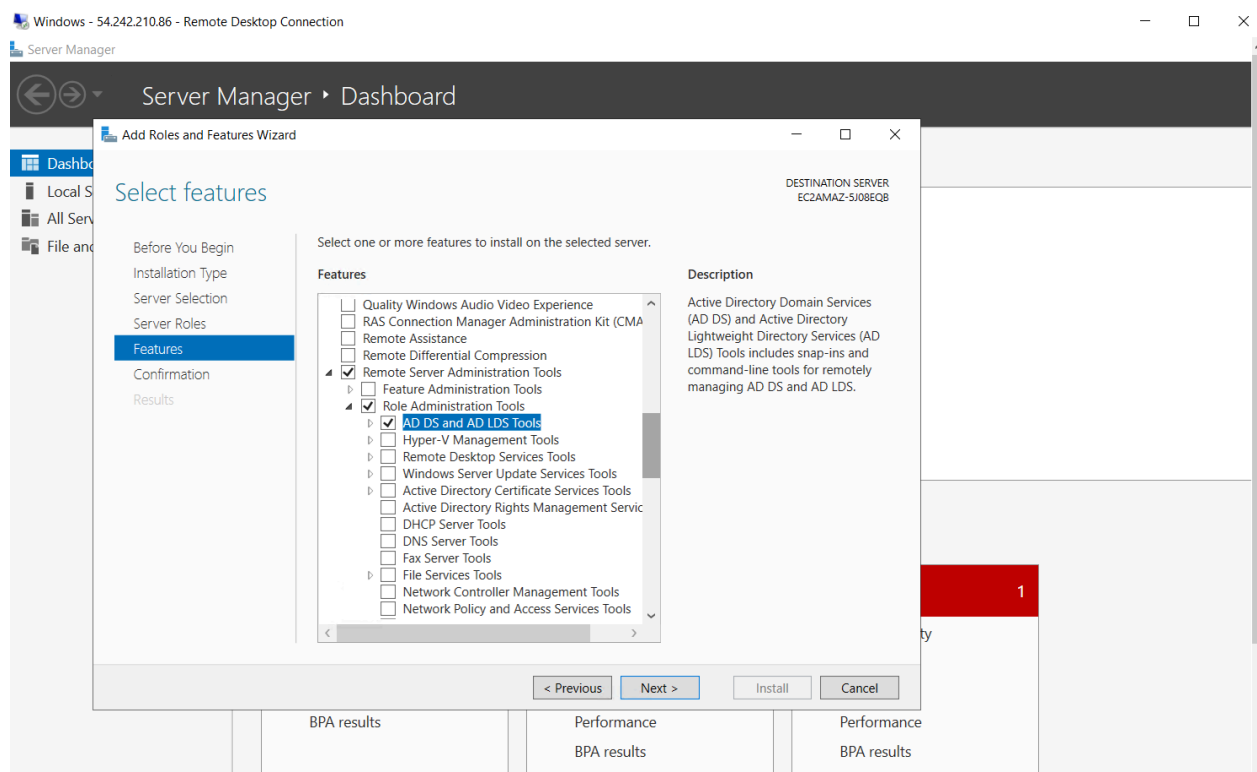
11-Connect the Windows server and click on Server Manager



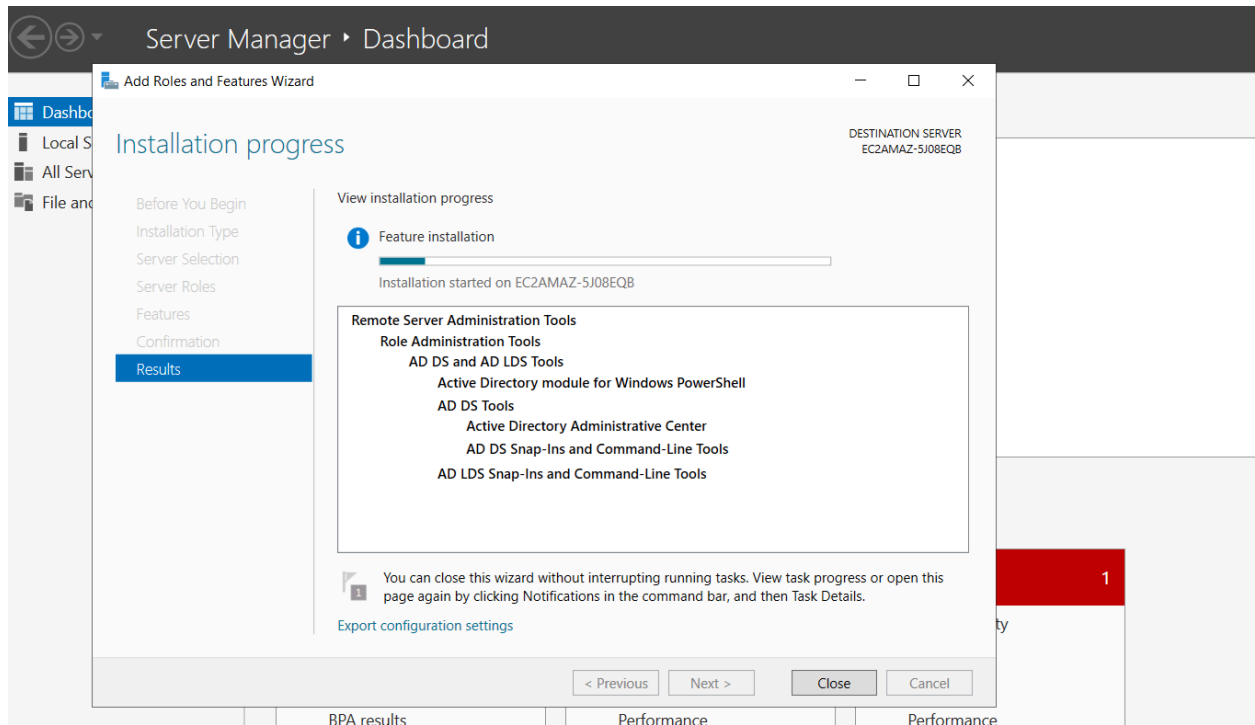
## 12-Click on Manage under Add Roles and features



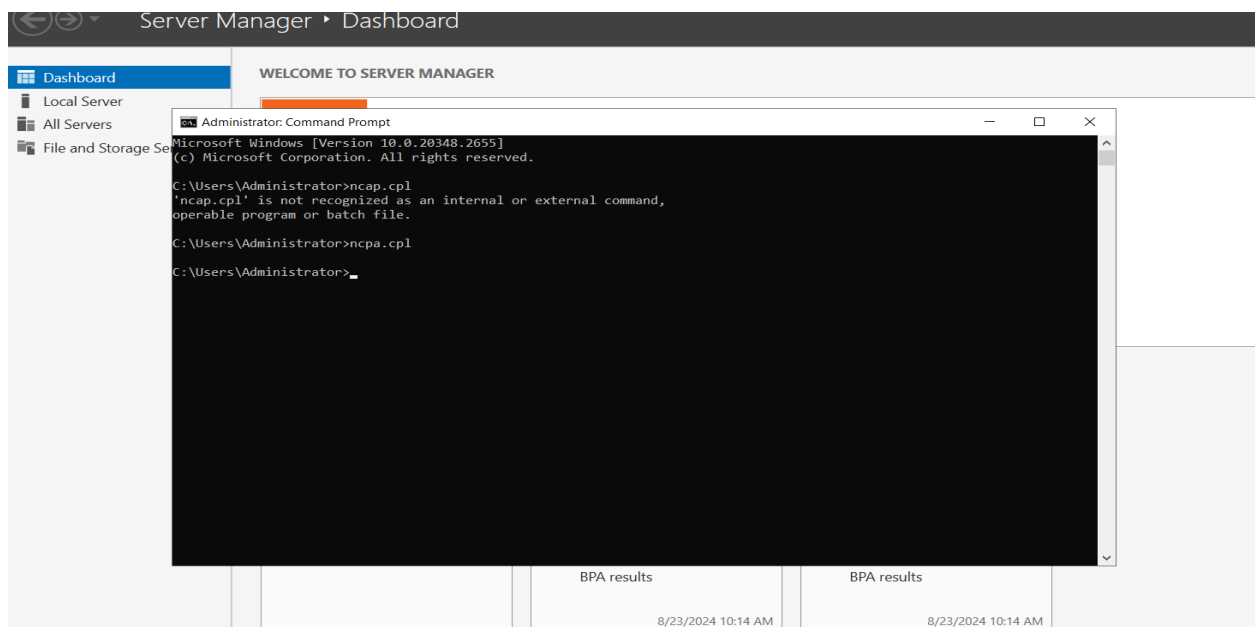
## 13-Click on Next and Next and Next and Next here select Remote server administrative tools under role administrative tools under AD DS and AD LDS tools then Next



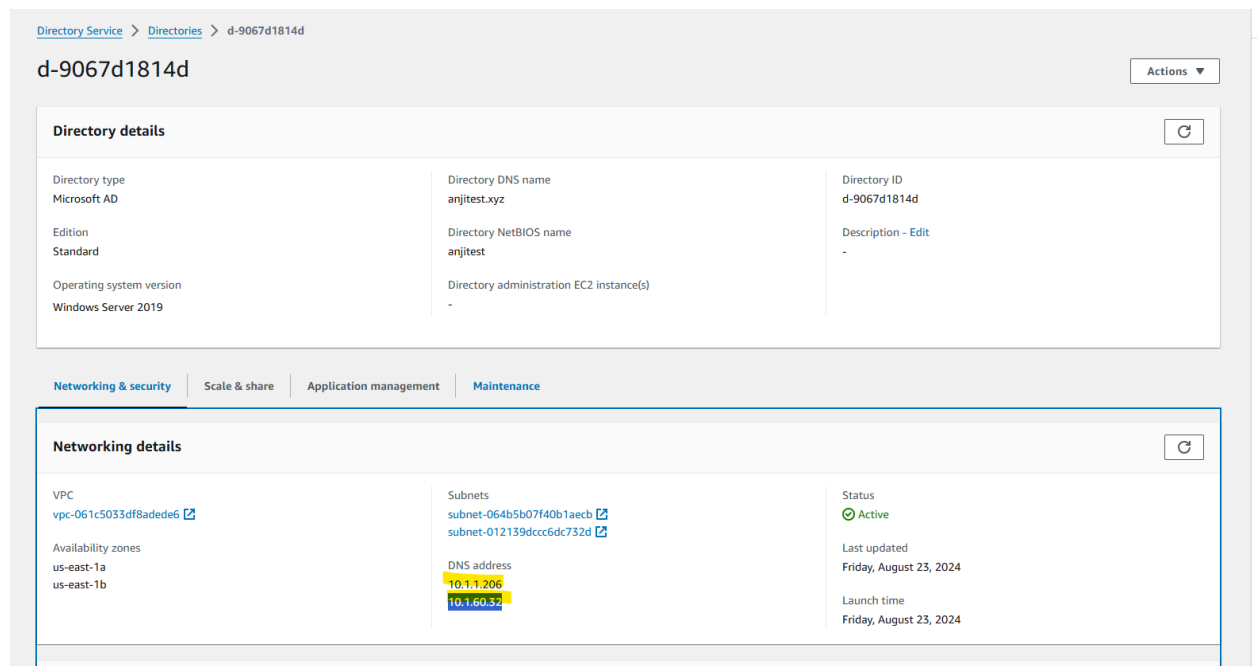
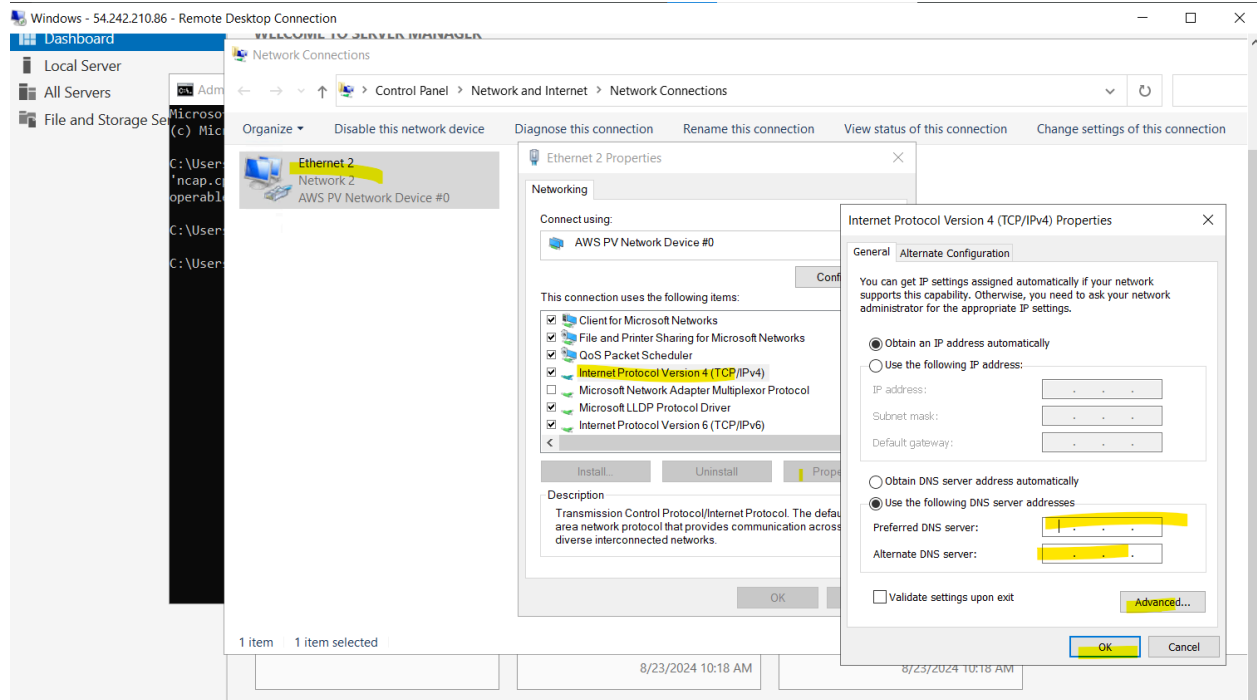
## 14-Click on Next and Install

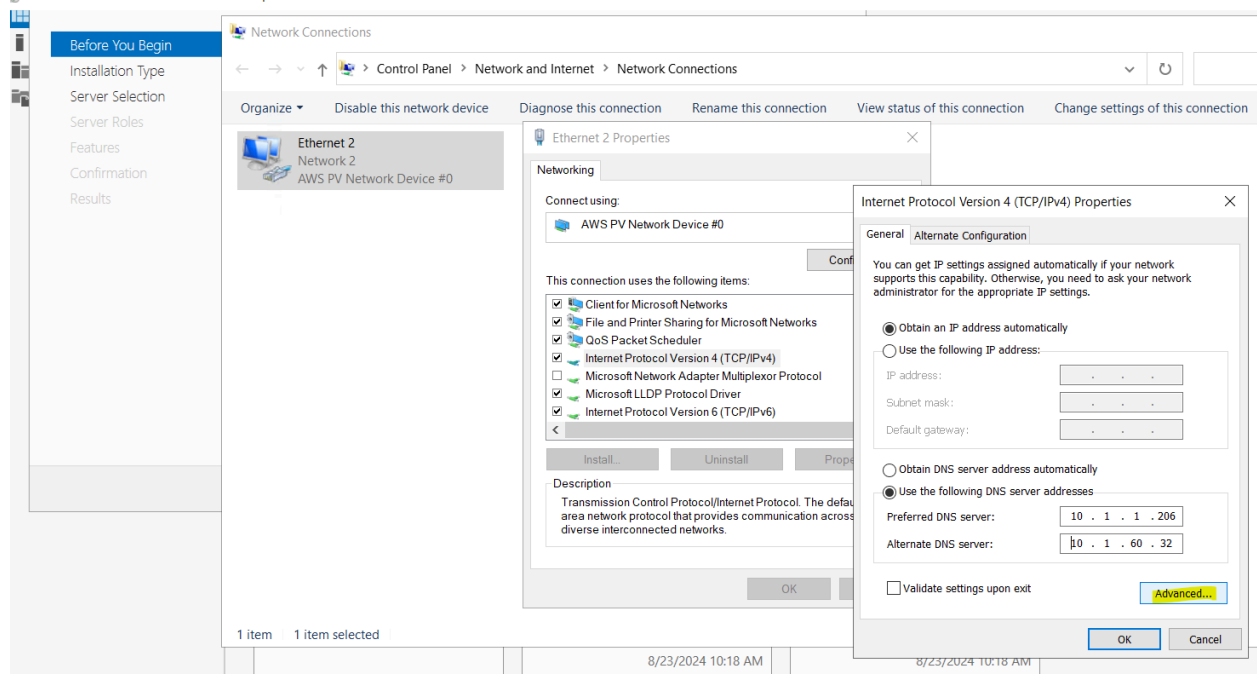


## 15-Click on CMD on the Windows server

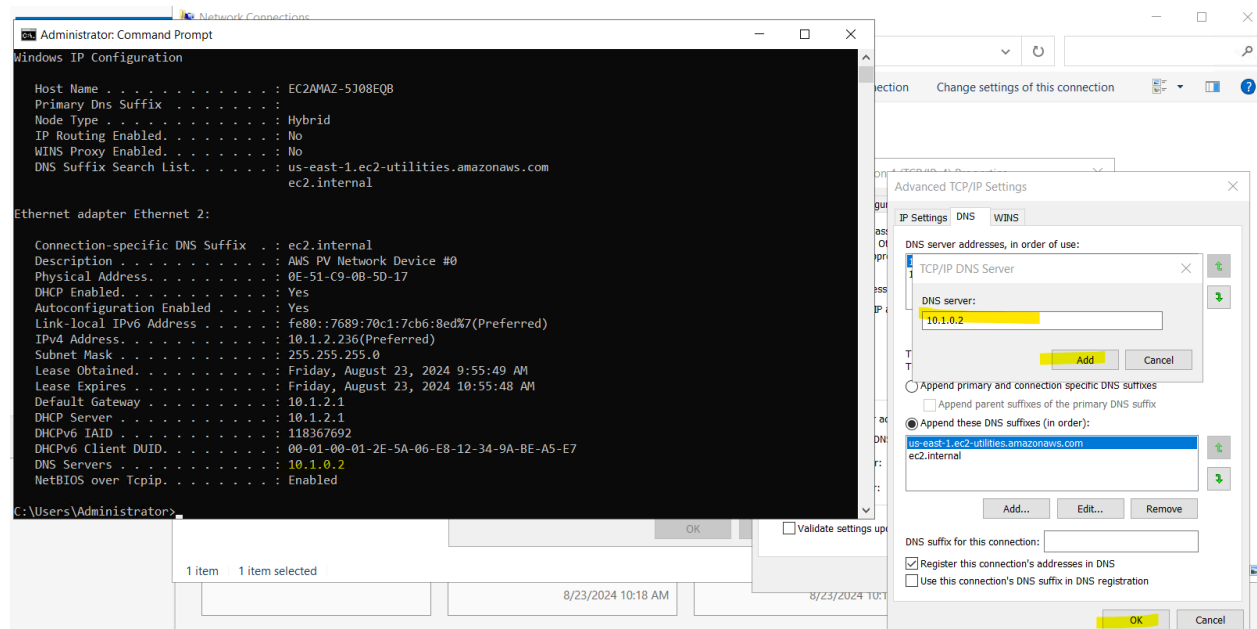


## 16-Click on Ipv4 properties to add AD Managed IPs into DNS Server IPs



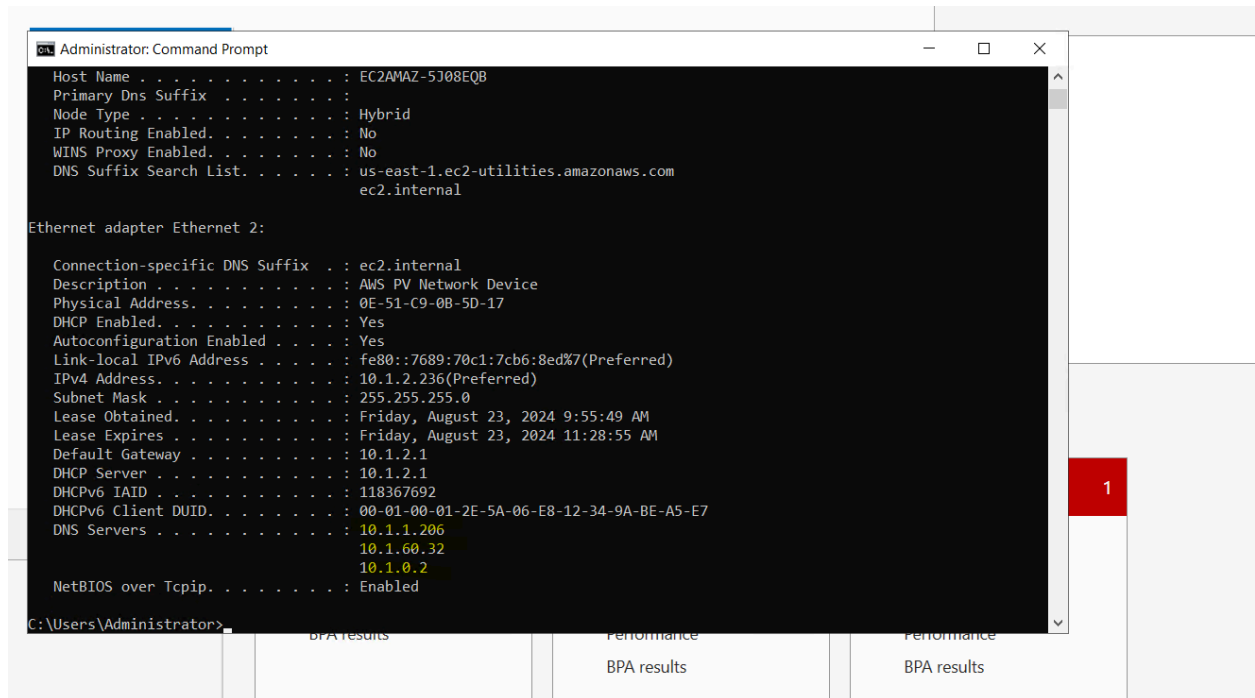


## 17-Click on Advanced to add your System DNS Server IP

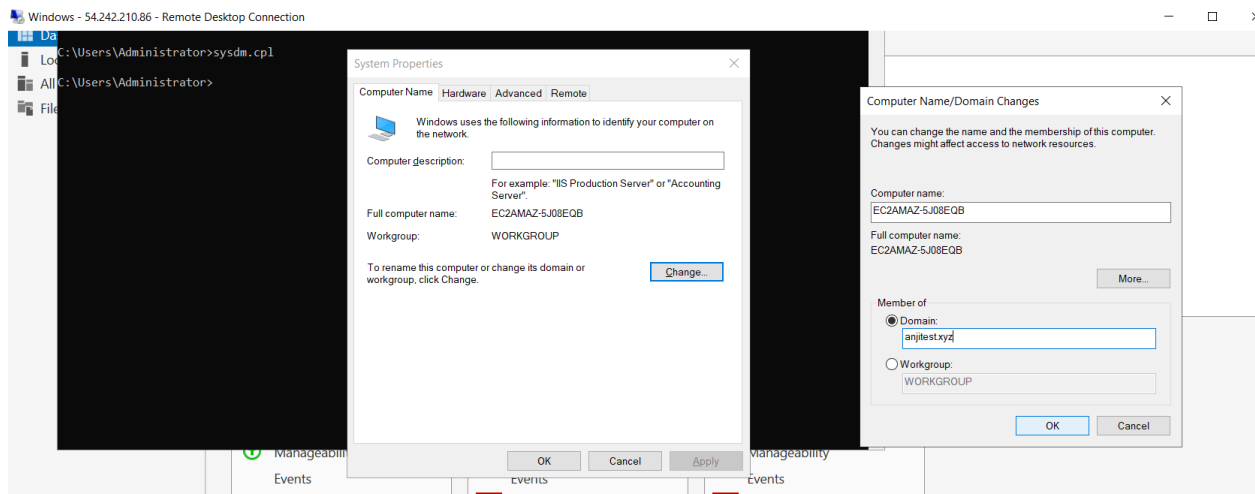


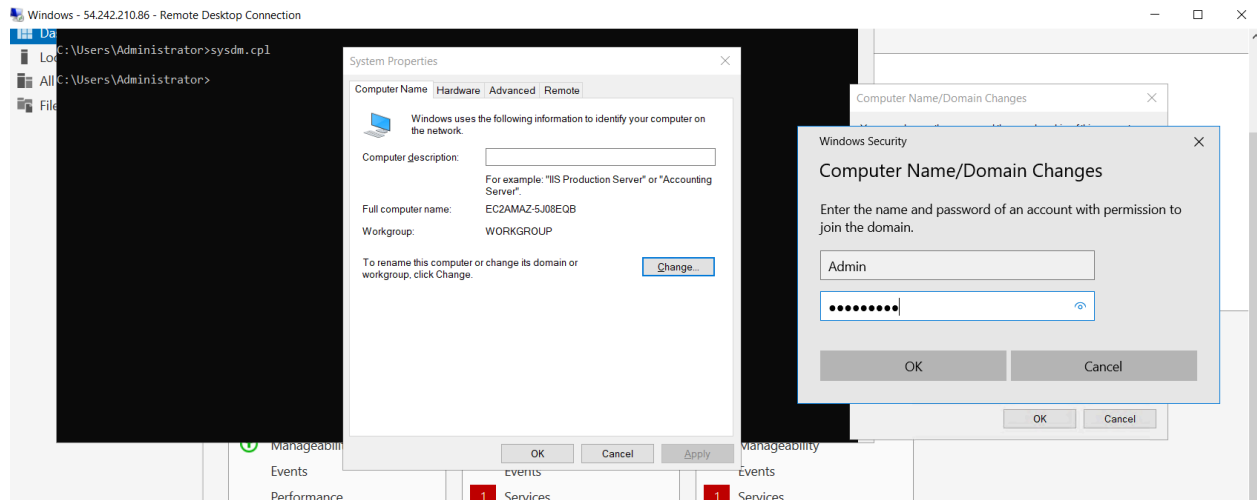
## 18-Now you can have DNS server IPs added to the system



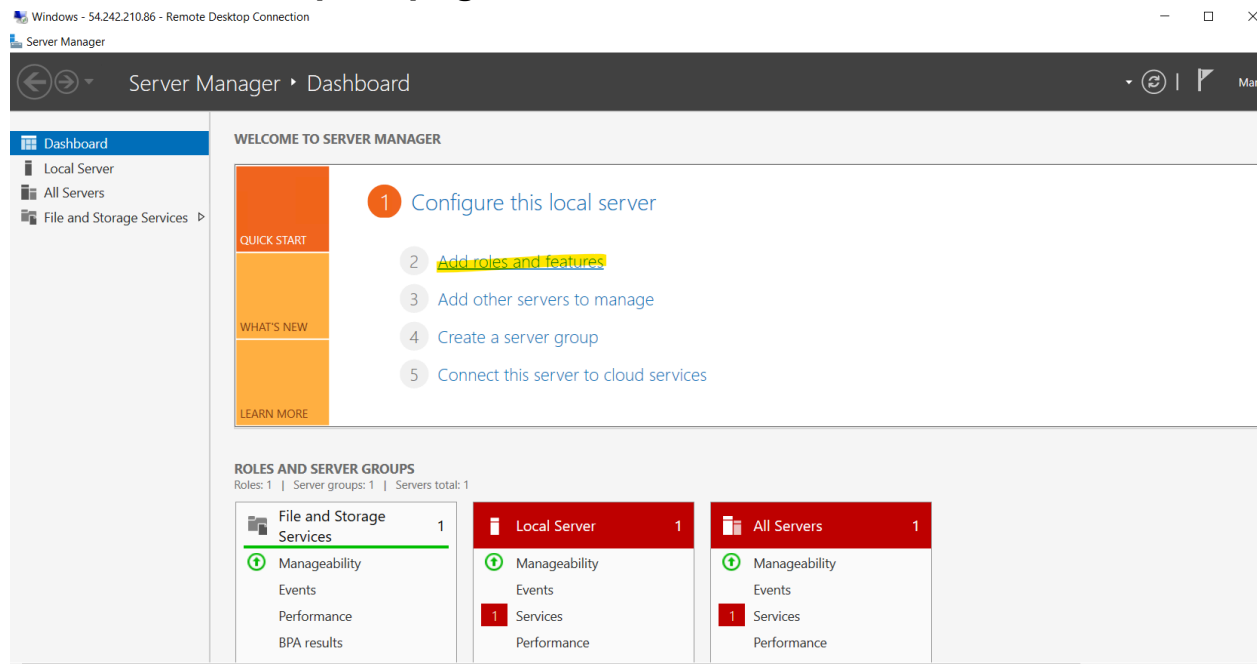


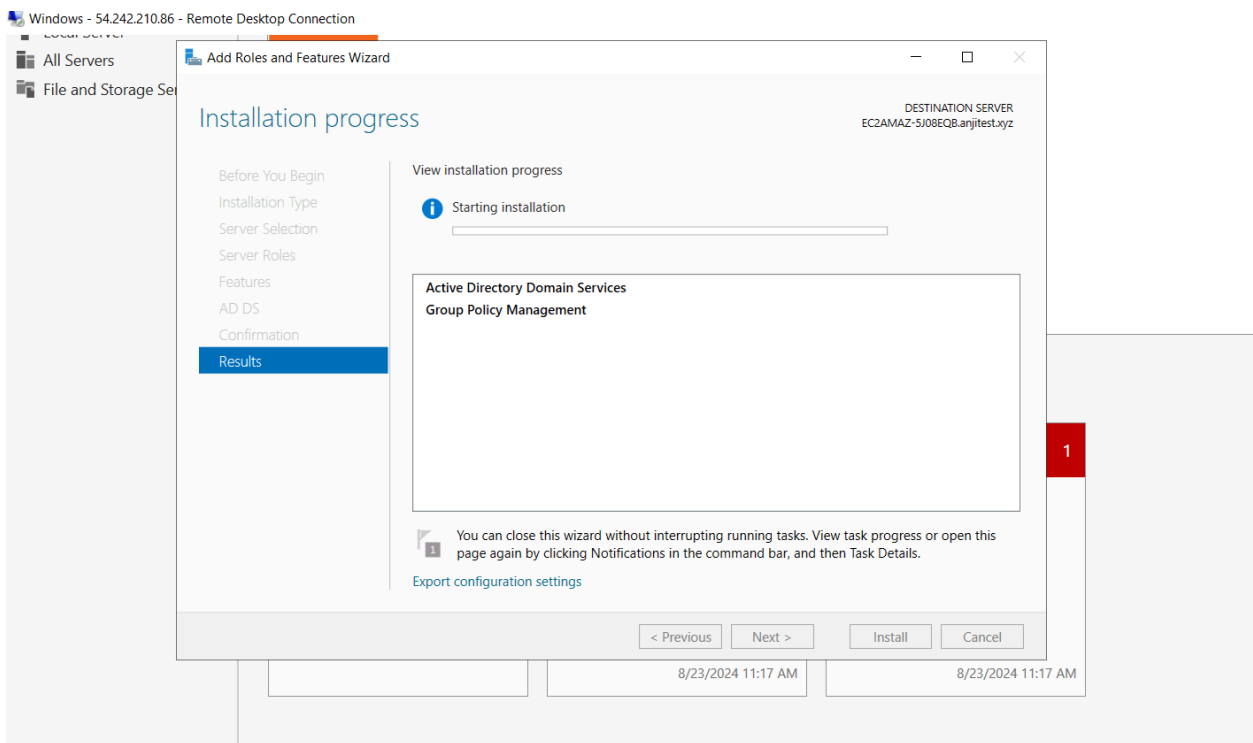
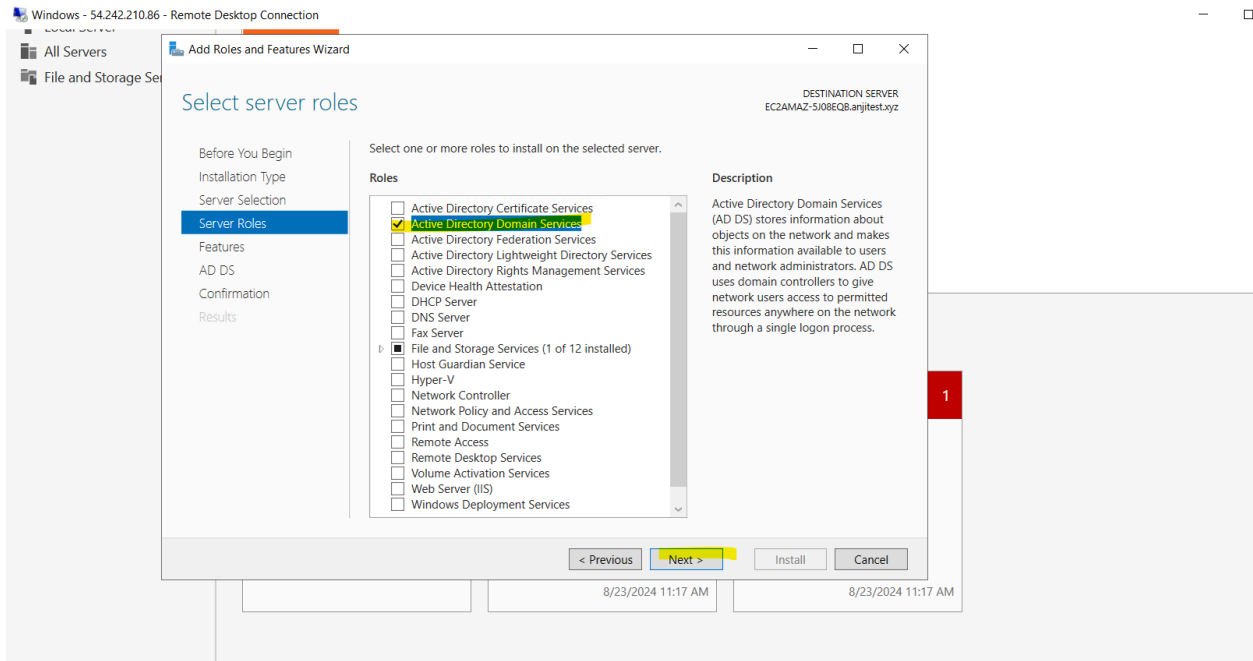
**19-Click on cmd and type sysdm.cpl it will open click on change and select the Domain to give your domain anjitest.xyz then it will ask for a prompt username and password**



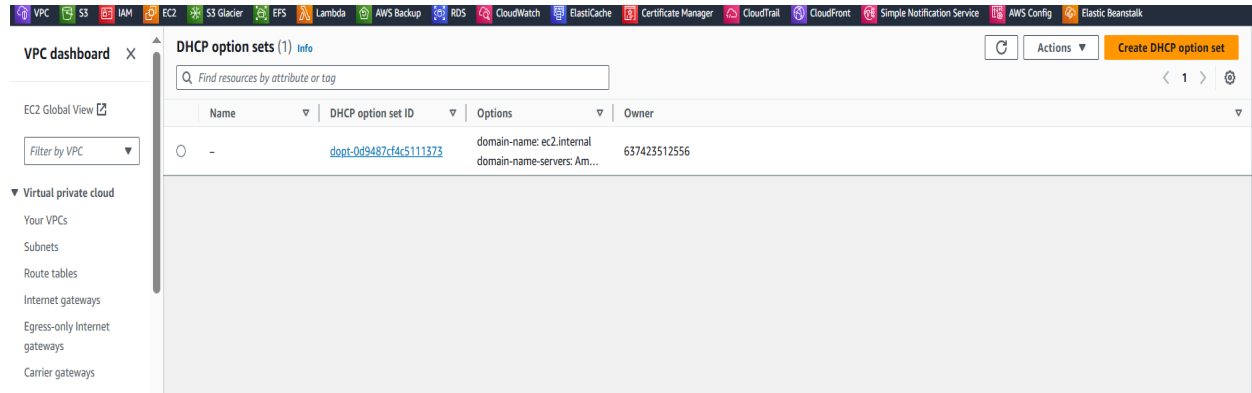


**It will Restart the prompt give it to Restart.**





## 21-Click on Create DHCP Option-Set



## 22-Give Name and domain name and DNS IPs of the AD service and NTP Servers Click on create

DHCP option set name - optional  
AD-DHCP

**DHCP option**  
Specify at least one configuration parameter.

Domain name [info](#)  
anjitest.xyz

Domain name servers [info](#)  
10.1.1.206, 10.1.60.32  
Enter up to four IPv4 addresses and four IPv6 addresses, separated by commas.

NTP servers  
169.254.169.125  
Enter up to four IPv4 addresses and four IPv6 addresses, separated by commas.

NetBIOS name servers  
192.168.0.4, 198.168.0.5  
Enter up to four IP addresses, separated by commas.

NetBIOS node type  
Choose a node type

We recommend that you select point-to-point (2 - P-node). Broadcast and multicast are not currently supported.

IPv6 preferred lease time  
100000  
Seconds  
Enter your preferred IPv6 lease time in seconds, minutes, hours, or years.

**AWS Command Line Interface command**

**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 |            |
|--------|------------------|------------|
| Q Name | Q AD-DHCP        | Remove tag |

Add tag

You can add 40 more tags.

Cancel Create DHCP option set

## 23-Click on VPC Actions click edit VPC settings select the DHCP you created here, and click on create .and one more thing here must be to enable DNS resolution

VPC > Your VPCs > vpc-061c5033df8adede6 > Edit VPC settings

## Edit VPC settings [Info](#)

**VPC details**

VPC ID  
vpc-061c5033df8adede6  
Name  
VPC-1

**DHCP settings**

DHCP option set [Info](#)  
dopt-012f05aa7a55f1e77 (AD-DHCP) ▼

**DNS settings**

☒ Enable DNS resolution [Info](#)  
☒ Enable DNS hostnames [Info](#)

**Network Address Usage metrics settings**

☐ Enable Network Address Usage metrics [Info](#)

Cancel **Save**

## 24-You Need to craete a role using these policies

[AmazonSSMDirectoryServiceAccess](#)  
[AmazonSSMManagedInstanceCore](#)

IAM > Roles > Create role

Step 1  
[Select trusted entity](#)

Step 2  
**Add permissions**

Step 3  
Name, review, and create

### Add permissions [Info](#)

Permissions policies (2/959) [Info](#)

Choose one or more policies to attach to your new role.

Filter by Type  
AmazonSSM All types 9 matches < 1 > ⓘ

| <input type="checkbox"/>            | Policy name ⓘ  | Type        | Description                                    |
|-------------------------------------|--|-------------|--|
| <input type="checkbox"/>            | <a href="#">AmazonSSMAutomationApproverAccess</a>        | AWS managed | Provides access to view automation execu...    |
| <input type="checkbox"/>            | <a href="#">AmazonSSMAutomationRole</a>                  | AWS managed | Provides permissions for EC2 Automation ...    |
| <input checked="" type="checkbox"/> | <a href="#">AmazonSSMDirectoryServiceAccess</a>          | AWS managed | This policy allows SSM Agent to access Dir...  |
| <input type="checkbox"/>            | <a href="#">AmazonSSMFullAccess</a>                      | AWS managed | Provides full access to Amazon SSM.            |
| <input type="checkbox"/>            | <a href="#">AmazonSSMMaintenanceWindowRole</a>           | AWS managed | Service Role to be used for EC2 Maintenanc...  |
| <input type="checkbox"/>            | <a href="#">AmazonSSMManagedEC2InstanceDefaultPolicy</a> | AWS managed | This policy enables AWS Systems Manager...     |
| <input checked="" type="checkbox"/> | <a href="#">AmazonSSMManagedInstanceCore</a>             | AWS managed | The policy for Amazon EC2 Role to enable...    |
| <input type="checkbox"/>            | <a href="#">AmazonSSMPatchAssociation</a>                | AWS managed | Provide access to child instances for patch... |
| <input type="checkbox"/>            | <a href="#">AmazonSSMReadOnlyAccess</a>                  | AWS managed | Provides read only access to Amazon SSM.       |

► Set permissions boundary - optional

Cancel Previous **Next**

Domain-join

Allows EC2 instances to call AWS services on your behalf.

Delete

Summary

Creation date

August 23, 2024, 16:24 (UTC+05:30)

ARN

arn:aws:iam::637423512556:role/Domain-join

Instance profile ARN

arn:aws:iam::637423512556:instance-profile/Domain-join

Last activity

-

Maximum session duration

1 hour

Edit

Permissions

Trust relationships

Tags

Access Advisor

Revoke sessions

Permissions policies (3)

You can attach up to 10 managed policies.

Filter by Type

All types

< 1 >

| Policy name                     | Type        | Attached entities |
|---------------------------------|-------------|-------------------|
| AmazonEC2RoleforSSM             | AWS managed | 3                 |
| AmazonSSMDirectoryServiceAccess | AWS managed | 1                 |
| AmazonSSMManagedInstanceCore    | AWS managed | 1                 |

Permissions boundary (not set)

Generate policy based on CloudTrail events

## 24-Launch Windows instance with

Name

join-windows

Add additional tags

Application and OS Images (Amazon Machine Image)

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

ReentsQuick Start

Amazon Linux

macOS

Ubuntu

Windows

Red Hat

SUSE Li

Browse more AMIs

Microsoft Windows Server 2022 Base

Free tier eligible

Microsoft Windows 2022 Datacenter edition. [English]

Summary

Number of instances

1

Software Image (AMI)

Microsoft Windows Server 2022 ...read more

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 30 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, 750 hours of public IPv4 address usage per month, 30 GiB

CancelLaunch instanceReview commands

On-Demand SUSE base pricing: 0.0116 USD per Hour  
On-Demand RHEL base pricing: 0.026 USD per Hour  
On-Demand Linux base pricing: 0.0116 USD per Hour

Compare instance types

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  
testing-rds

Create new key pair

For Windows instances, you use a key pair to decrypt the administrator password. You then use the decrypted password to connect to your instance.

▼ Network settings Info

VPC - required Info  
vpc-061c5033df8adede6 (VPC-1)  
10.1.0.0/16

Subnet Info  
subnet-01b0cc78286a124a VPC-1-public-2  
VPC: vpc-061c5033df8adede6 Owner: 637423512556 Availability Zone: us-east-1b  
Zone type: Availability Zone IP addresses available: 250 CIDR: 10.1.2.0/24

Create new subnet

Auto-assign public IP Info  
Enable

Additional charges apply when outside of free tier allowance

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  
VPC-1-Security sg-003cd7b7300951e63  
VPC: vpc-061c5033df8adede6

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

1x 30 GIB gp2 Root volume (Not encrypted)

Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

Add new volume

▼ Summary

Number of instances Info  
1

Software Image (AMI)  
Microsoft Windows Server 2022 ...read more  
ami-07cc1bbe145f35b58

Virtual server type (instance type)  
t2.micro

Firewall (security group)  
New security group

Storage (volumes)  
1 volume(s) - 30 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, 750 hours of public IPv4 address usage per month, 30 GiB

Cancel Launch instance

Review commands

▼ Summary

Number of instances Info  
1

Software Image (AMI)  
Microsoft Windows Server 2022 ...read more  
ami-07cc1bbe145f35b58

Virtual server type (instance type)  
t2.micro

Firewall (security group)  
VPC-1-Security

Storage (volumes)  
1 volume(s) - 30 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, 750 hours of public IPv4 address usage per month, 30 GiB

Cancel Launch instance

Review commands

Here add domain controller and IAM Role you created join-domain

Domain join directory [Info](#)

anjitest.xyz

VPC: vpc-061c5033df8aded66 Shared: No

d-9067d1814d

Create new directory

IAM instance profile [Info](#)

Domian-join

arn:aws:iam::637423512556:instance-profile/Domian-join

Create new IAM profile

Select an IAM role that has read access to Secrets Manager, and that has the following AWS managed policies attached to it: AmazonSSMManagedInstanceCore and AmazonSSMDirectoryServiceAccess. [Learn more](#)

Hostname type [Info](#)

IP name

DNS Hostname [Info](#)

☒ Enable IP name IPv4 (A record) DNS requests
 ☐ Enable resource-based IPv4 (A record) DNS requests
 ☐ Enable resource-based IPv6 (AAAA record) DNS requests

Instance auto-recovery [Info](#)

Select

Shutdown behavior [Info](#)

Stop

Stop - Hibernate behavior [Info](#)

Select

▼ Summary

Number of instances [Info](#)

1

Software Image (AMI)

Microsoft Windows Server 2022 ...[read more](#)

ami-07cc1bbe145f35b58

Virtual server type (instance type)

t2.micro

Firewall (security group)

VPC-1-Security

Storage (volumes)

1 volume(s) - 30 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, 750 hours of public IPv4 address usage per month, 30 GiB

Cancel

Launch instance

Now Create the RDS Server Step by step see here

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
 ☐ PostgreSQL
 ☐ MariaDB
 ☐ Oracle

CloudShell

Feedback

© 2024, Amazon Web Services, Inc. or its affiliates.



☐ Microsoft SQL Server



☐ IBM Db2

IBM Db2

#### Edition

☒ MySQL Community

#### Engine version [Info](#)

View the engine versions that support the following database features.

##### ▼ Hide filters

☒ Show versions that support the Multi-AZ DB cluster [Info](#)

Create a Multi-AZ DB cluster with one primary DB instance and two readable standby DB instances. Multi-AZ DB clusters provide up to 2x faster transaction commit latency and automatic failover in typically under 35 seconds.

☒ 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 8.0.35 ▼

☐ Enable RDS Extended Support [Info](#)

Amazon RDS Extended Support is a [paid offering](#). By selecting this option, you consent to being charged for this offering if you are running your database major version past the RDS end of standard support date for that version. Check the end of standard support date for your major version in the [RDS for MySQL documentation](#).

#### 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

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

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

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.

database-1

database-1

The DB instance identifier is case-insensitive, but is stored as all lowercase (as in "mydbinstance"). Constraints: 1 to 60 alphanumeric characters or hyphens. First character must be a letter. Can't contain two consecutive hyphens. Can't end with a hyphen.

#### ▼ 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.

##### Credentials management

You can use AWS Secrets Manager or manage your master user credentials.

☐ **Managed in AWS Secrets Manager - *most secure***  
RDS generates a password for you and manages it throughout its lifecycle using AWS Secrets Manager.

☒ **Self managed**  
Create your own password or have RDS create a password that you manage.

##### ☐ Auto generate password

Amazon RDS can generate a password for you, or you can specify your own password.

##### Master password [Info](#)

\*\*\*\*\*

##### Password strength [Strong](#)

Minimum constraints: At least 8 printable ASCII characters. Can't contain any of the following symbols: / ' \* @

##### Confirm master password [Info](#)

\*\*\*\*\*

#### Instance configuration

The DB instance configuration options below are limited to those supported by the engine that you selected above.

#### Instance configuration

The DB instance configuration options below are limited to those supported by the engine that you selected above.

##### DB instance class [Info](#)

##### ▼ Hide filters

☒ **Show instance classes that support Amazon RDS Optimized Writes [Info](#)**  
Amazon RDS Optimized Writes improves write throughput by up to 2x at no additional cost.

☐ Include previous generation classes

☐ Standard classes (includes m classes)

☐ Memory optimized classes (includes r and x classes)

☒ **Burstable classes (includes t classes)**

db.t3.small

2 vCPUs 2 GiB RAM Network: 2,085 Mbps

#### Storage

##### Storage type [Info](#)

Provisioned IOPS SSD (io2) storage volumes are now available.

General Purpose SSD (gp3)

Performance scales independently from storage

##### Allocated storage [Info](#)

20

GiB

ⓘ After you modify the storage for a DB instance, the status of the DB instance will be in storage-optimization. Your instance will remain available as the storage-optimization operation completes. [Learn more](#)

► **Advanced settings**

Baseline IOPS of 3,000 IOPS and storage throughput of 125 MiBps are included for allocated storage less than 400 GiB.

► **Storage autoscaling**

**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.

**Virtual private cloud (VPC)** [Info](#)

Choose the VPC. The VPC defines the virtual networking environment for this DB instance.

anji (vpc-0dd23535716183340)  
6 Subnets, 2 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](#)

ⓘ 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.

db-subnet  
2 Subnets, 2 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

default ✕

**Availability Zone** [Info](#)

us-east-1a

RDS Proxy

Availability Zone [Info](#)

us-east-1a ▼

#### 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. It does so by checking the server certificate that is automatically installed on all databases that you provision.

rds-ca-rsa2048-g1 (default)

Expiry: May 26, 2061 ▼

If you don't select a certificate authority, RDS chooses one for you.

► Additional configuration

#### Tags - optional

A tag consists of a case-sensitive key-value pair.

No tags associated with the resource.

Add new tag

You can add up to 50 more tags.

### Database authentication

#### 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.

Directory

anjittest.xyz (d-9067d1814d)

Browse Directory

#### Monitoring

☒ Enable Enhanced Monitoring

Enabling Enhanced Monitoring metrics are useful when you want to see how different processes or threads use the CPU.

Granularity

60 seconds ▼

Monitoring Role

default ▼

Clicking "Create database" will authorize RDS to create the IAM role rds-monitoring-role

#### Monitoring Role

default ▼

Clicking "Create database" will authorize RDS to create the IAM role rds-monitoring-role

#### ▼ Additional configuration

Database options, encryption turned on, backup turned on, backtrack turned off, maintenance, CloudWatch Logs, delete protection turned off.

#### Database options

Initial database name [Info](#)

anjil

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

#### Maintenance window [Info](#)

Select the period you want pending modifications or maintenance applied to the database by Amazon RDS.

☐ Choose a window

☒ No preference

#### Deletion protection

☐ Enable deletion protection


Protects the database from being deleted accidentally. While this option is enabled, you can't delete the database.

#### Estimated Monthly costs

|              |                  |
|--------------|------------------|
| DB instance  | 24.82 USD        |
| Storage      | 2.30 USD         |
| <b>Total</b> | <b>27.12 USD</b> |

This billing estimate is based on on-demand usage as described in [Amazon RDS Pricing](#). Estimate does not include costs for backup storage, IOs (if applicable), or data transfer.

Estimate your monthly costs for the DB Instance using the [AWS Simple Monthly Calculator](#).

 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

## Then it will succeed until you can take the Linux server install MySQL

```
[root@ip-10-1-1-103 ~]# dnf install mysql -y
Last metadata expiration check: 0:01:33 ago on Fri Aug 23 15:28:55 2024.
Package mysql-community-client-5.7.44-1.el7.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[root@ip-10-1-1-103 ~]# mysql
ERROR 2002 (HY000): Can't connect to local MySQL server through socket '/var/lib/mysql/mysql.sock' (2)
[root@ip-10-1-1-103 ~]# systemctl enable mysqld
[root@ip-10-1-1-103 ~]# mysql
ERROR 2002 (HY000): Can't connect to local MySQL server through socket '/var/lib/mysql/mysql.sock' (2)
[root@ip-10-1-1-103 ~]# mysql -h database-1.c16sgye0ylz7.us-east-1.rds.amazonaws.com -u admin -p
Enter password:
Welcome to the MySQL monitor.  Commands end with ; or \g.
Your MySQL connection id is 9
Server version: 8.0.35 Source distribution

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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> show databases;
+-----+
| Database |
+-----+
| anji      |
| information_schema |
| mysql     |
| performance_schema |
| sys       |
+-----+
5 rows in set (0.00 sec)

mysql>
```

```
ERROR 2002 (HY000): Can't connect to local MySQL server through socket '/var/lib/mysql/mysql.sock' (2)
[root@ip-10-1-1-103 ~]# systemctl enable mysqld
[root@ip-10-1-1-103 ~]# mysql
ERROR 2002 (HY000): Can't connect to local MySQL server through socket '/var/lib/mysql/mysql.sock' (2)
[root@ip-10-1-1-103 ~]# mysql -h database-1.c16sgye0ylz7.us-east-1.rds.amazonaws.com -u admin -p
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mysql> show databases;
+-----+
| Database |
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| anji      |
| information_schema |
| mysql     |
| performance_schema |
| sys       |
+-----+
5 rows in set (0.00 sec)

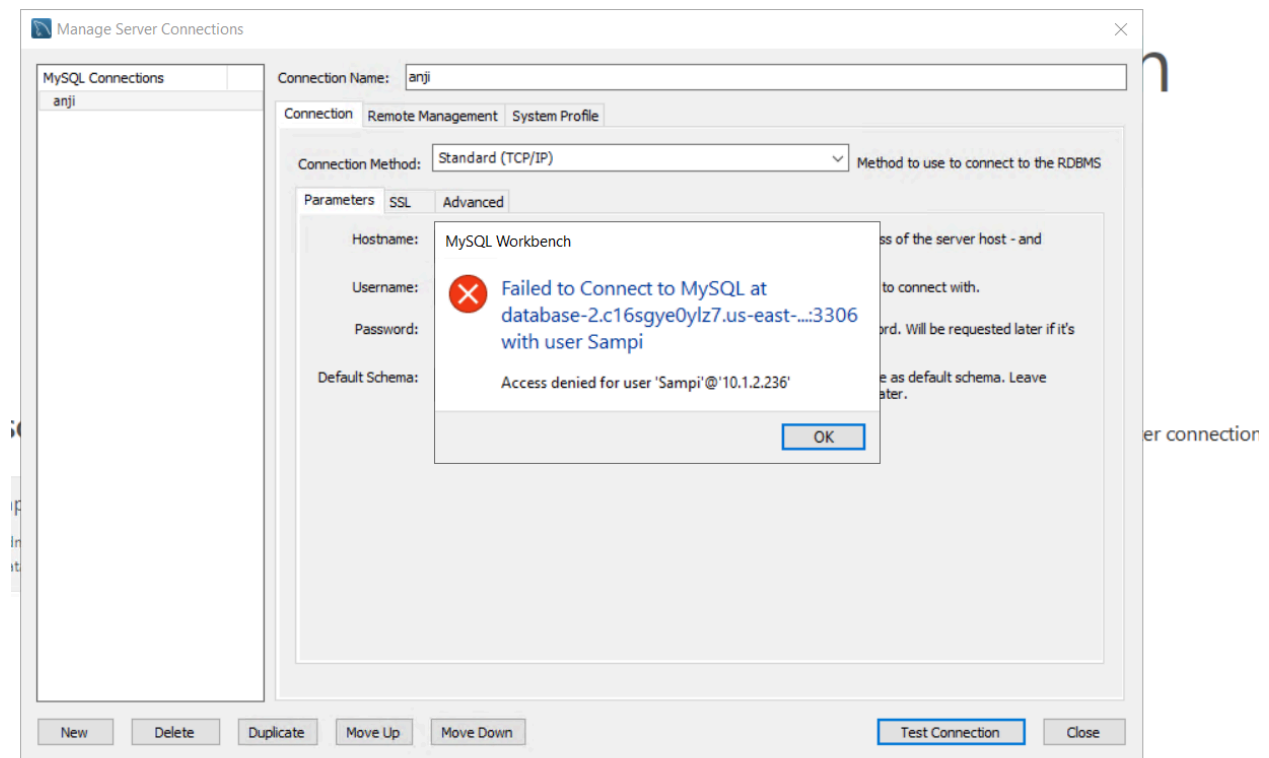
mysql> CREATE USER 'Sampi'@'%' IDENTIFIED WITH 'auth_pam';
Query OK, 0 rows affected (0.00 sec)

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

mysql> exit
Bye
```

Here I am getting an error

```
[root@ip-10-1-1-103 ~]# mysql -h database-2.c16sgye0ylz7.us-east-1.rds.amazonaws.com -u Sampi -p
Enter password:
ERROR 1698 (28000): Access denied for user 'Sampi'@'10.1.1.103'
[root@ip-10-1-1-103 ~]#
```



### Security group rules (3)

Filter by Security group rules

| Security group  | Type               | Rule        |
|---|--------------------|-------------|
| <a href="#">VPC-1-Security (sg-003cd7b7300951e63)</a> | CIDR/IP - Inbound  | 0.0.0.0/0   |
| <a href="#">VPC-1-Security (sg-003cd7b7300951e63)</a> | CIDR/IP - Inbound  | 10.1.0.0/16 |
| <a href="#">VPC-1-Security (sg-003cd7b7300951e63)</a> | CIDR/IP - Outbound | 0.0.0.0/0   |

### Replication (1)

Filter by Replication

| DB identifier              | Role     | Region & AZ | Replication source | Replication state | Lag |
|----------------------------|----------|-------------|--------------------|-------------------|-----|
| <a href="#">database-2</a> | Instance | us-east-1a  | -                  | -                 | -   |