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2KE20CS032

Assignment 37

Understood. To follow the provided instructions and create the files/directory using the same name and case as provided in the task steps, please provide me with the specific names and case instructions for the files/directory you want to create.

AWS

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Assignment:4 Install packages without internet access on Private instances

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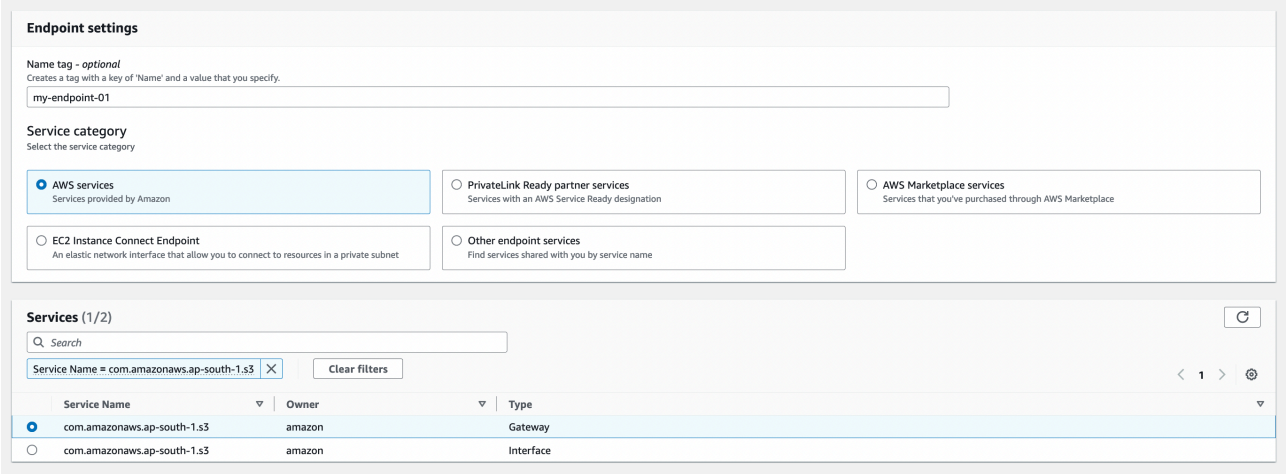
Steps to create VPC Endpoint for Amazon S3

1. Navigate to VPC dashboard and click End point option

2. Click on 'create endpoint'

3. Provide name of to your end-point

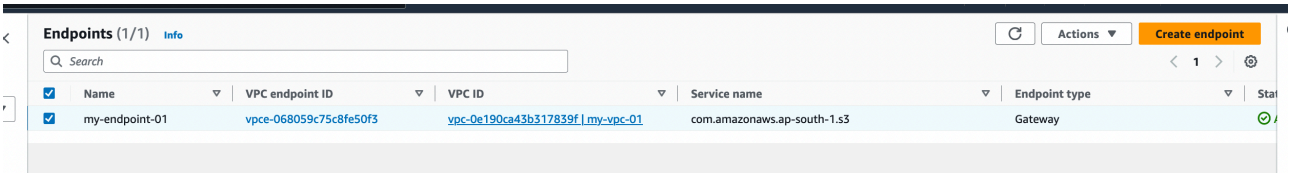
4. Navigate to services and search 's3' and then select the option which is a Gateway Type



5. Select the VPC that you have created

6. Click on Create endpoint

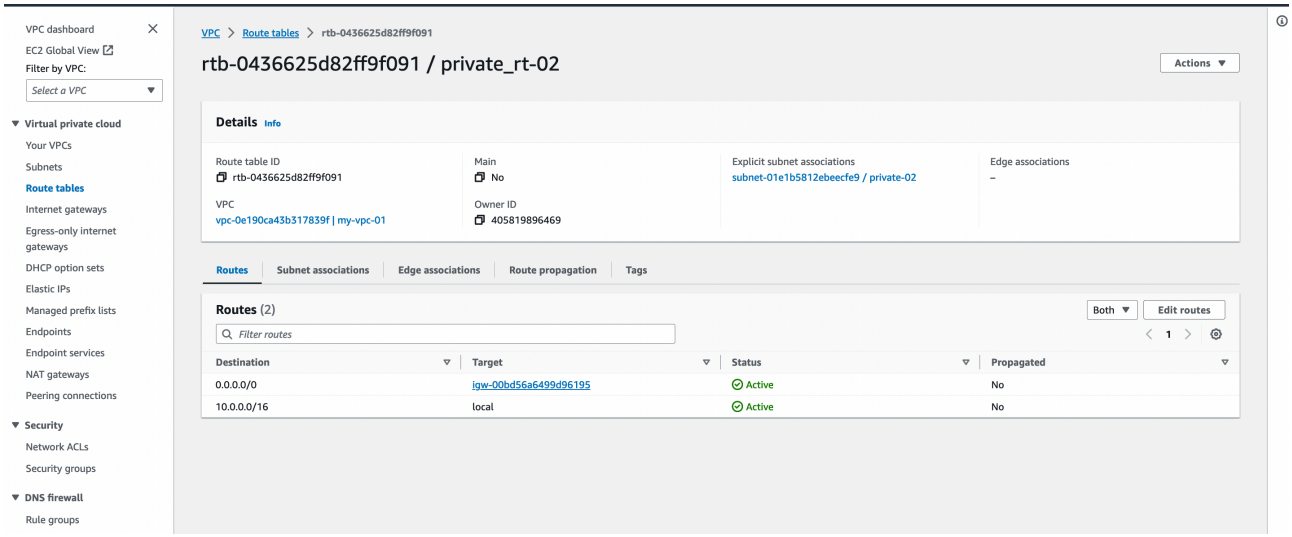
7. Endpoint will be created now



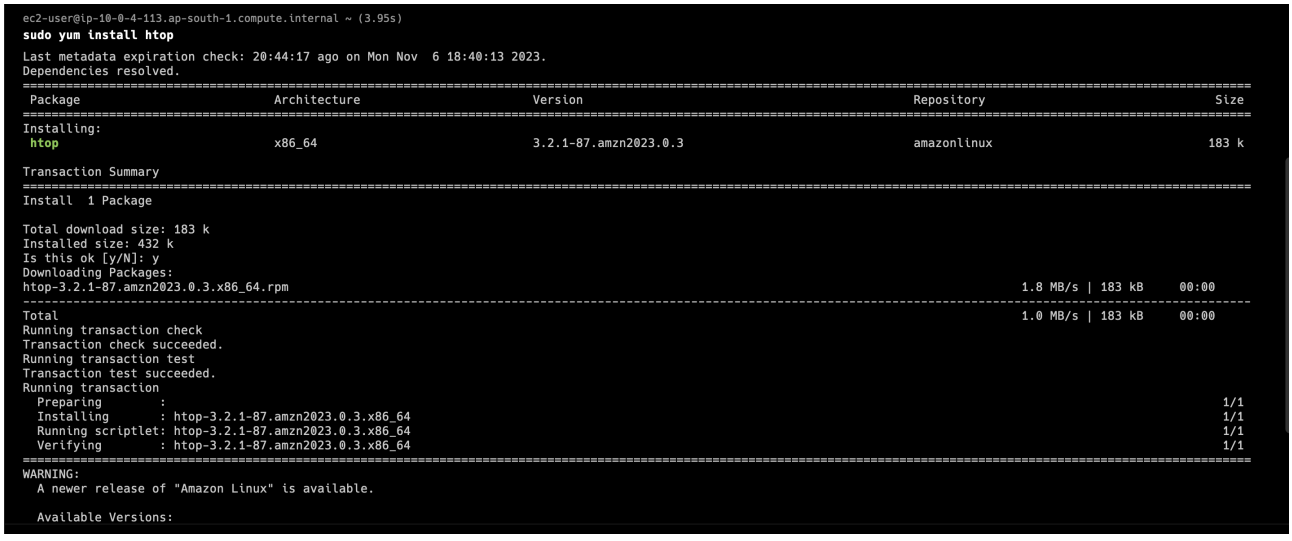
8. Click on the endpoint and navigate to Route Tables tab

9. Now click on Manage Route tables,

10. Make a check on the private Route table you have created for private subnet and click on modify route tables



11. Once you done, login to your private instance and verify whether you are able to install packages



M-2

References:

Docx to refer :: 1 https://aws.amazon.com/blogs/compute/secure-connectivity-from-public-to-private-introducing-ec2-instance-connect-endpoint-june-13-2023/

Video : https://www.youtube.com/watch?v=CN-_Y3uqC44&list=PPSV

Docx to refer :: 2 https://bobbyhadz.com/blog/aws-cli-could-not-connect-to-endpoint-url

Docx to refer :: 2 https://docs.aws.amazon.com/cli/latest/userguide/cli-authentication- user.html#cli-authentication-user-create

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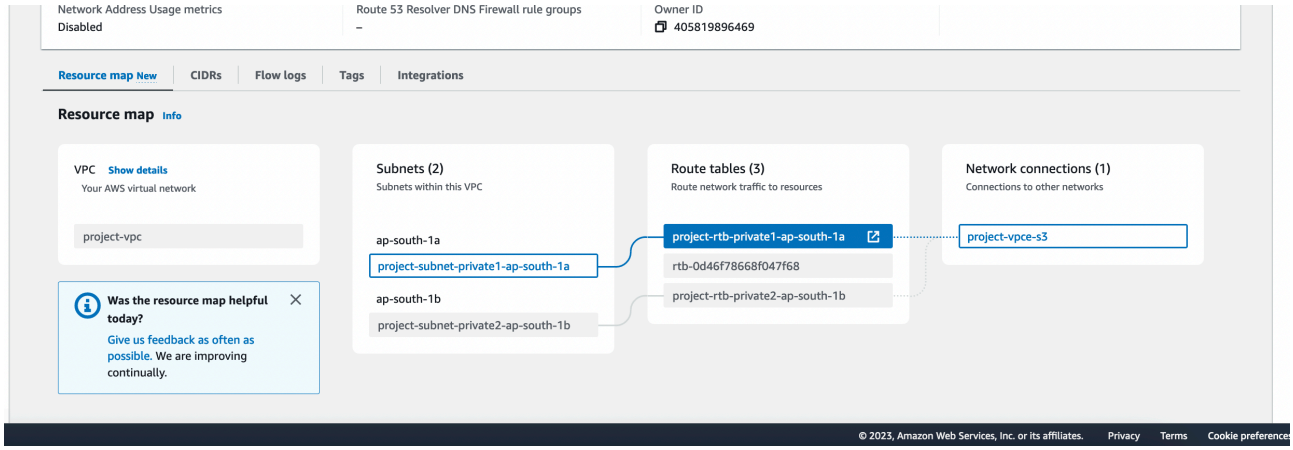

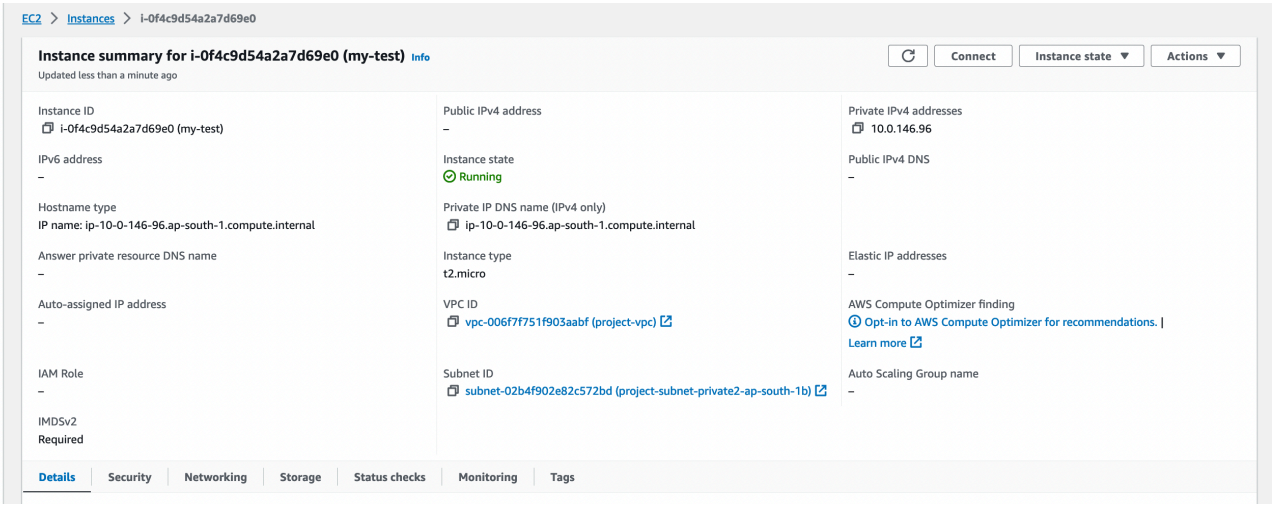

```
[ec2-user@ip-10-0-130-20 ~]$ client_loop: send disconnect: Broken pipe
kartikhegadi@Kartiks-MacBook-Air aws.02 %    aws ec2-instance-connect ssh --instance-id i-0f4c9d54a2a7d69e0
The authenticity of host '10.0.146.96 (<no hostip for proxy command>)' can't be established.
ED25519 key fingerprint is SHA256:QlxoaT9eTTzcM/GLTrdNx9/mrPVecmBDw8wWo0dLfS4.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.0.146.96' (ED25519) to the list of known hosts.
Last login: Fri Nov 10 15:14:23 2023 from ip-10-0-142-226.ap-south-1.compute.internal
   ,     #_
   ~\_  ####_        Amazon Linux 2
  ~~  \_#####\
  ~~     \###|       AL2 End of Life is 2025-06-30.
  ~~       \#/ ___
   ~~       V~' '->
    ~~~         /    A newer version of Amazon Linux is available!
      ~~._.   _/
         _/ _/       Amazon Linux 2023, GA and supported until 2028-03-15.
       _/m/'           https://aws.amazon.com/linux/amazon-linux-2023/

[ec2-user@ip-10-0-146-96 ~]$ ping google.com
PING google.com (142.250.183.110) 56(84) bytes of data.

^[[A^Z
[1]+  Stopped                 ping google.com
```

```
[ec2-user@ip-10-0-146-96 ~]$ ping google.com
PING google.com (142.250.183.110) 56(84) bytes of data.

^[[A^Z
[1]+  Stopped                 ping google.com
[ec2-user@ip-10-0-146-96 ~]$ curl google.com
^Z
[2]+  Stopped                 curl google.com
[ec2-user@ip-10-0-146-96 ~]$ yum install htop
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
You need to be root to perform this command.
[ec2-user@ip-10-0-146-96 ~]$ sudo yum install htop
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd
Resolving Dependencies
--> Running transaction check
---> Package htop.x86_64 0:2.0.2-1.amzn2.0.2 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

================================================================================================================
 Package            Arch                Version                          Repository                  Size
================================================================================================================
Installing:
 htop               x86_64              2.0.2-1.amzn2.0.2                amzn2-core                  98 k

Transaction Summary
================================================================================================================
Install  1 Package

Total download size: 98 k
Installed size: 207 k
```