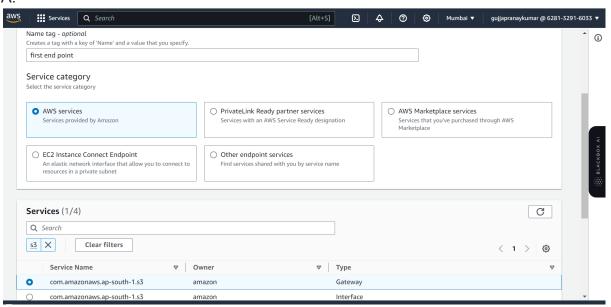
## Install packages without internet access on Private instances

# Steps to create VPC Endpoint for Amazon S3

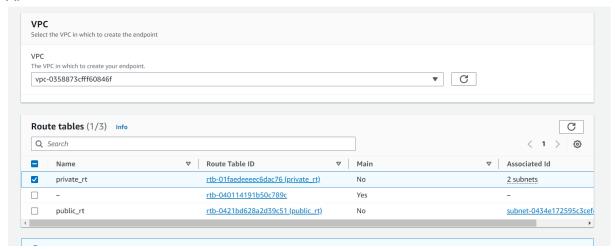
- 1. Navigate to VPC dashboard and click End point option
- 2. Click on 'create endpoint'
- 3. Provide name of to your end-point
- 4. Navigate to services and search 's3' and then select the option which is a Gateway Type

A:



- 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

A:



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

## A: public instance login

### Transferring the .pem key from centos to ec2 public instance

```
[pranay@localhost ~]$ scp -i "firstinstace.pem" -r /home/pranay/firstinstance.pem ec2-user@13.232.78.4:/home/ec2-user/Warning: Identity file firstinstace.pem not accessible: No such file or directory.

Permission denied (publickey,gssapi-keyex,gssapi-with-mic).

lost connection

[pranay@localhost ~]$ scp -i "/home/pranay/firstinstance.pem" -r /home/pranay/firstinstance.pem ec2-user@13.232.78.4:/home/ec2-user/
firstinstance.pem

100% 1674 29.8KB/s 00:00

[pranay@localhost ~]$
```

#### Private instance login

#### Package installation

[ec2-user@ip-10-0-2-106 ~]\$ sudo yum install httpd Last metadata expiration check: 1:24:49 ago on Wed Nov 22 15:56:34 2023. Dependencies resolved.				
======================================	Architecture	Version	Repository	Size
Installing:	=======================================			========
httpd	x86_64	2.4.56-1.amzn2023	amazonlinux	48 k
Installing dependencies:				
apr	x86_64	1.7.2-2.amzn2023.0.2	amazonlinux	129 k
apr-util	x86_64	1.6.3-1.amzn2023.0.1	amazonlinux	98 k
httpd-core	x86_64	2.4.56-1.amzn2023	amazonlinux	1.4 M
httpd-filesystem	noarch	2.4.56-1.amzn2023	amazonlinux	15 k
httpd-tools	x86_64	2.4.56-1.amzn2023	amazonlinux	82 k
libbrotli	x86_64	1.0.9-4.amzn2023.0.2	amazonlinux	315 k
mailcap	noarch	2.1.49-3.amzn2023.0.3	amazonlinux	33 k
Installing weak dependen	ncies:			
apr-util-openssl	x86_64	1.6.3-1.amzn2023.0.1	amazonlinux	17 k
mod_http2	x86_64	2.0.11-2.amzn2023	amazonlinux	150 k
mod lus	×86 611	2 // 56-1 20202023	amazon] inuv	62 1