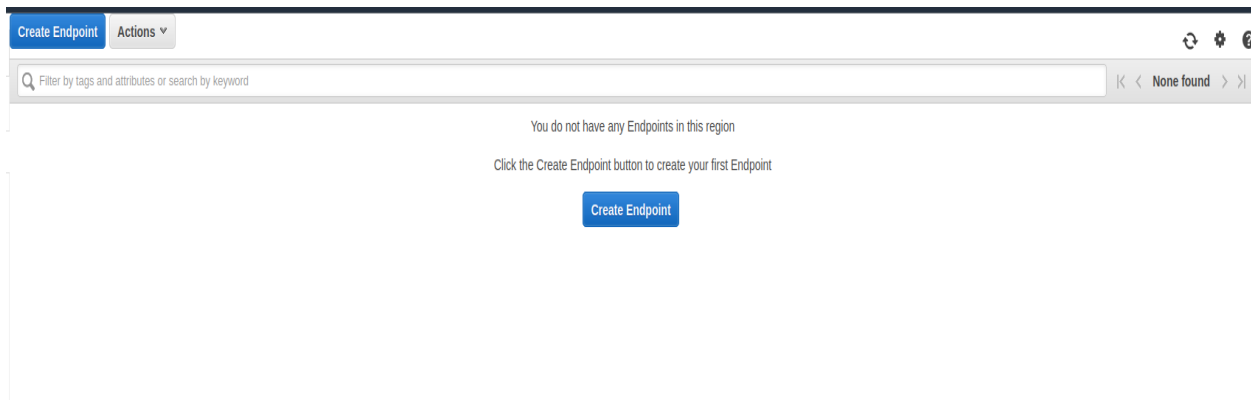


# Create S3 VPC Endpoint and add its route to both public and private Route tables

## Creating Endpoint



## Also select our route table with 6 subnets as while creating :

Create Endpoint

VPC endpoint enables you to securely connect your VPC to another service.

There are three types of **VPC endpoints** – Interface endpoints, Gateway Load Balancer endpoints, and gateway endpoints.

Interface endpoints and Gateway Load Balancer endpoints are powered by [AWS PrivateLink](#), and use an elastic network interface (ENI) as an entry point for traffic destined to the service.

Interface endpoints are typically accessed using the public or private DNS name associated with the service, while gateway endpoints and Gateway Load Balancer endpoints serve as a target for a route in your route table for traffic destined for the service.

Service category

☒ AWS services

☐ Find service by name

☐ Your AWS Marketplace services

Service Name

com.amazonaws.us-east-2.s3 ⓘ

search : s3 ⓘ

Add filter

<< < 1 to 3 of 3 > >|

Service Name	Owner	Type
<input type="radio"/> com.amazonaws.s3-global.accesspoint	amazon	Interface
<input checked="" type="radio"/> com.amazonaws.us-east-2.s3	amazon	Gateway
<input type="radio"/> com.amazonaws.us-east-2.s3	amazon	Interface

VPC\*

vpc-0537baf72f80d5930 ⓘ

Configure route tables -

⚠ We cannot populate this right now. You may not have permissions to request this resource. Please request permissions from your administrator or try again later.

You are not authorized to perform this operation.

rtb-09f9cee465488e9a1 ⓘ

rtb-05eeaf795a9933f6d ⓘ

Route Table ID	Main	Associated With
<input checked="" type="checkbox"/> rtb-09f9cee465488e9a1	No	3 subnets
<input type="checkbox"/> rtb-07774796230288822	Yes	0 subnets
<input checked="" type="checkbox"/> rtb-05eeaf795a9933f6d	No	3 subnets

**Warning**

When you use an endpoint, the source IP addresses from your instances in your affected subnets for accessing the AWS service in the same region will be private IP addresses, not public IP addresses. Existing connections from your affected subnets to the AWS service that use public IP addresses may be dropped. Ensure that you don't have critical tasks running when you create or modify an endpoint.

- Policy\*** Full Access - Allow access by any user or service within the VPC using credentials from any Amazon Web Services accounts to any resources in this Amazon Web Services service. All policies — IAM user policies, VPC endpoint policies, and Amazon Web Services service-specific policies (e.g. Amazon S3 bucket policies, any S3 ACL policies) — must grant the necessary permissions for access to succeed.
- ☐ Custom

Use the [policy creation tool](#) to generate a policy, then paste the generated policy below.

```
{
  "Statement": [
    {
      "Action": "*",
      "Effect": "Allow",
      "Resource": "*",
      "Principal": "*"
    }
  ]
}
```

<b>Key</b> (128 characters maximum)	<b>Value</b> (256 characters maximum)
<input type="text" value="Name"/>	<input type="text" value="Team-D-s3-VPC-EndPoint"/>
<input type="button" value="Add Tag"/>	49 remaining (Up to 50 tags maximum)

[Cancel](#) [Create endpoint](#)

[Endpoints](#) > Create Endpoint

## Create Endpoint

✓ The following VPC Endpoint was created:

VPC Endpoint ID [vpce-053438f7b12054ea6](#)

[Close](#)

**We can see the created Endpoints as below:**

Create Endpoint Actions							
Filter by tags and attributes or search by keyword							
Name	Endpoint ID	VPC ID	Service name	Endpoint type	Status	Creation time	Network Interfaces
Team-D-s3-VPC-EndPoint	vpce-053438f7b12054ea6	vpce-0537baf72180...	com.amazonaws.us-east-2.s3	Gateway	available	December 5, 2021 at 5:15:29 PM UT...	-
Endpoint: vpce-053438f7b12054ea6							
Details Route Tables Policy Tags							
Manage Route Tables							
Route Table ID	Main	Associated With					
rtb-09f9cee465488e9a1	No	3 subnets					
rtb-05eeaf795a9933f6d	No	3 subnets					

We can check in the private and public route tables to see our routes:

Public Route Table:

team-b-public-rtb3

rtb-08492e1def56dc7c2

subnet-056630f65be6d...

-

No

vpc-0129bda0428def1cf | Tea...

949263681218

team-b-public-rtb1

rtb-060d1a69cd3edab7b

subnet-08ee2e4bd0386...

-

No

vpc-0129bda0428def1cf | Tea...

949263681218

☒

Team-D-Pub-RTB

rtb-05eef795a9933f6d

3 subnets

-

No

vpc-0537baf72f80d5930 | Tea...

949263681218

rtb-036df74b4a67b0e5b

vpc-077b7747c076cda6f

040363681310

rtb-05eef795a9933f6d / Team-D-Pub-RTB

Details

Routes

Subnet associations

Edge associations

Route propagation

Tags

Routes (3)

Q Filter routes

Both

< 1 >

ⓘ

Destination	Target	Status	Propagated
10.15.32.0/22	local	Active	No
0.0.0.0/0	igw-03c45b708c220fc56	Active	No
pl-7ba54012	vpce-053438f7b12054ea6	Active	No

Private Route Table:

Team-D-Pvt-RTB

rtb-09f9cee465488e9a1

3 subnets

-

No

vpc-0537baf72f80d5930 | Tea...

949263681218

-

rtb-044fe3c81cac76cb7

-

-

Yes

vpc-0129bda0428def1cf | Tea...

949263681218

-

rtb-07774796230288822

-

Yes

vpc-0537baf72f80d5930 | Tea...

949263681218

team-b-public-rtb2

rtb-04ae52811a1122fbb

subnet-062cdc3231bdf...

-

No

vpc-0129bda0428def1cf | Tea...

949263681218

team-b-public-rtb3

rtb-08492e1def56dc7c2

subnet-056630f65be6d...

-

No

vpc-0129bda0428def1cf | Tea...

949263681218

rtb-09f9cee465488e9a1 / Team-D-Pvt-RTB

Details

Routes

Subnet associations

Edge associations

Route propagation

Tags

Routes (3)

Q Filter routes

Both

< 1 >

ⓘ

Destination	Target	Status	Propagated
10.15.32.0/22	local	Active	No
0.0.0.0/0	nat-0d9875d702c83b8f9	Active	No
pl-7ba54012	vpce-053438f7b12054ea6	Active	No