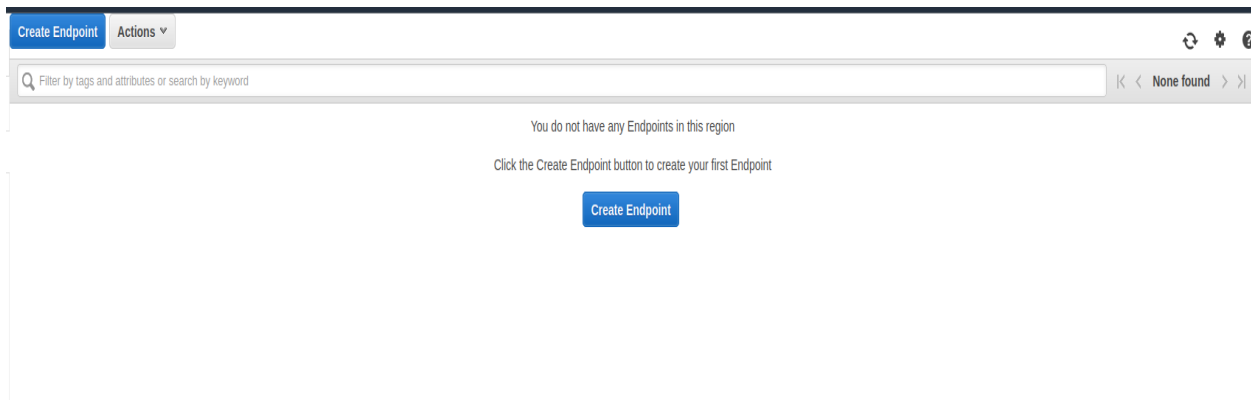# Create S3 VPC Endpoint and add its route to both public and private Route tables

Creating Endpoint

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

> ⚠ **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": "*"
        }
    ]
}
```

Key (128 characters maximum)	Value (256 characters maximum)	
Name	Team-D-s3-VPC-EndPoint	✖

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 ▼

	Name	Endpoint ID	VPC ID	Service name	Endpoint type	Status	Creation time	Network Interfaces
☑	Team-D-s3-VPC-EndPoint	vpce-053438f7b12054ea6	vpc-0537baf72f80...	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-05eeaf795a9933f6d	3 subnets	–	No	vpc-0537baf72f80d5930	Tea...	949263681218
		rtb-039df24b4067b0c50			Yes	vpc-077c7747a9076n6aq	949263681218

rtb-05eeaf795a9933f6d / Team-D-Pub-RTB

Details | **Routes** | Subnet associations | Edge associations | Route propagation | Tags

Routes (3)

[Edit routes]

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:

Route tables (1/8) Info

[⟳] [Actions ▼] [Create route table]

Filter route tables | < 1 > ⚙

■	Name ▽	Route table ID ▽	Explicit subnet associat...	Edge associations	Main ▽	VPC ▽	Owner ID ▽
☑	Team-D-Pvt-RTB	rtb-09f9cee465488e9a1	3 subnets	–	No	vpc-0537baf72f80d5930	Tea...	949263681218
	–	rtb-044fe3c81cac76cb7	–	–	Yes	vpc-0129bda0428def1cf	Tea...	949263681218
	–	rtb-0777479623O288822	–	–	Yes	vpc-0537baf72f80d5930	Tea...	949263681218
	team-b-public-rtb2	rtb-04ae52811a1122fdb	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)

[Edit routes]

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