

## 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:

**Name tag - optional**  
Creates a tag with a key of 'Name' and a value that you specify.

first end point

**Service category**  
Select the service category

☒ **AWS services**  
Services provided by Amazon

☐ PrivateLink Ready partner services  
Services with an AWS Service Ready designation

☐ AWS Marketplace services  
Services that you've purchased through AWS Marketplace

☐ EC2 Instance Connect Endpoint  
An elastic network interface that allow you to connect to resources in a private subnet

☐ Other endpoint services  
Find services shared with you by service name

**Services (1/4)**

Search

s3 X Clear filters

Service Name	Owner	Type
<input checked="" type="radio"/> com.amazonaws.ap-south-1.s3	amazon	Gateway
<input type="radio"/> com.amazonaws.ap-south-1.s3	amazon	Interface

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:

**VPC**  
Select the VPC in which to create the endpoint

VPC  
The VPC in which to create your endpoint.

vpc-0358873cff60846f

**Route tables (1/3)** Info

Search

	Name	Route Table ID	Main	Associated Id
<input checked="" type="checkbox"/>	private_rt	rtb-01fae0eeec6dac76 (private_rt)	No	2 subnets
<input type="checkbox"/>	-	rtb-040114191b50c789c	Yes	-
<input type="checkbox"/>	public_rt	rtb-0421bd628a2d39c51 (public_rt)	No	subnet-0434e172595c3cef

A: public instance login

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

## 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.

=====
Package                                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 dependencies:
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_lua                                x86_64            2.4.56-1.amzn2023 amazonlinux       62 k
=====
```