

## Screenshots of steps for creating and launching EC2 instance :-

**Endpoint settings**

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

D15A 61 Ubuntu endpoint

**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

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

VPC  
The VPC in which to create your endpoint.

vpc-0b4df95bddc923aea

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**i-0796782f492cf0a37 (D15A 61 Ubuntu)**

**Connection Type**

☐ Connect using EC2 Instance Connect  
Connect using the EC2 Instance Connect browser-based client, with a public IPv4 address.

☒ **Connect using EC2 Instance Connect Endpoint**  
Connect using the EC2 Instance Connect browser-based client, with a private IPv4 address and a VPC endpoint.

**Private IP address**  
172.31.53.213

**EC2 Instance Connect Endpoint**  
Only endpoints that have completed the creation process can be selected. The process can take up to 15 minutes. If you create an endpoint, refresh this list to check if its in the available state.

Q eice-06edebadb8ba9b4 X

**Username**  
Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ubuntu.

Q D15A\_61 X

**Max tunnel duration (seconds)**  
The maximum allowed duration of the SSH connection. Must comply with the maxTunnelDuration condition (if specified) in the IAM policy.

3600

Min 1 second. Max 3600 seconds (1 hour).

**Note:** In most cases, the default username, ubuntu, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

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aws

Services

Search

[Alt+S]

N. Virginia

voclabs/user3387419=TALREJA\_JAI\_@ 5672-7063-6093

### Security groups (1) Info

Search

< 1 >

<input type="checkbox"/>	Group ID	Group name	VPC ID	Description
<input type="checkbox"/>	<a href="#">sg-0b6f2684b3eea9987</a>	default	<a href="#">vpc-0b4df95bddc923aea</a>	default VPC security group

### Subnet

Select the Subnet in which to create the endpoint

Subnet

Select the subnets in which to create the endpoint.

subnet-0f341fff62351fd50

### Tags

Key

Value - optional

Q Name X

Q D15A 61 Ubuntu endpoint X

Remove

Add new tag

You can add 49 more tags.

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EC2 > Instances > Launch an instance

Success

Successfully initiated launch of instance (i-0796f82f492cf0a37)

Launch log

### Next Steps

Q What would you like to do next with this instance, for example "create alarm" or "create backup"

< 1 2 3 4 5 6 >

#### Create billing and free tier usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing and free tier usage thresholds.

Create billing alerts

#### Connect to your instance

Once your instance is running, log into it from your local computer.

Connect to instance

Learn more

#### Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

Connect an RDS database

#### Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

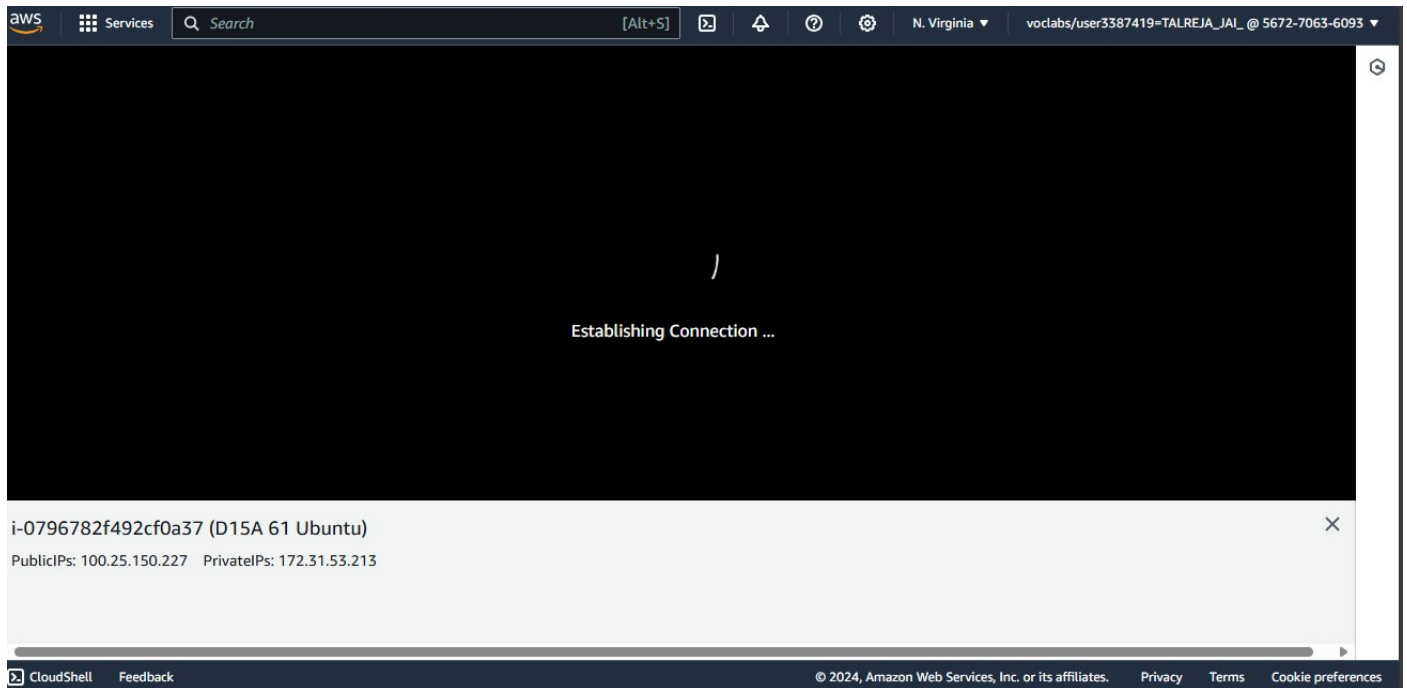
Create EBS snapshot policy

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Jai Talreja 61 D15A

Screenshots for connecting to EC2 instance :-



## Screenshots for hosting webpage on EC2 instance :-

```
aws Services Search [Alt+S] N. Virginia voclabs/user3387419-TALREJA_JAI_@ 5672-7063-6093

Scanning candidates...
Scanning linux images...

Pending kernel upgrade!
Running kernel version:
  6.8.0-1009-aws
Diagnostics:
  The currently running kernel version is not the expected kernel version 6.8.0-1013-aws.

Restarting the system to load the new kernel will not be handled automatically, so you should consider rebooting.

Restarting services...
systemctl restart multipathd.service polkit.service rsyslog.service udisks2.service

Service restarts being deferred:
systemctl restart ModemManager.service
/etc/needrestart/restart.d/dbus.service
systemctl restart networkd-dispatcher.service
systemctl restart systemd-logind.service
systemctl restart unattended-upgrades.service

No containers need to be restarted.

User sessions running outdated binaries:
ubuntu @ session #1: apt[1706], bash[1374], sshd[857]
ubuntu @ user manager service: systemd[1204]

No VM guests are running outdated hypervisor (qemu) binaries on this host.
root@ip-172-31-42-7:~#

E: Package 'yum' has no installation candidate
root@ip-172-31-42-7:~# apt install apache2

root@ip-172-31-42-7:~# apt install apache2
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert
Suggested packages:
  apache2-doc apache2-suexec-pristine | apache2-suexec-custom www-browser
The following NEW packages will be installed:
  apache2 apache2-bin apache2-data apache2-utils libapr1t64 libaprutil1-dbd-sqlite3 libaprutil1-ldap libaprutil1t64 liblua5.4-0 ssl-cert
0 upgraded, 10 newly installed, 0 to remove and 0 not upgraded.
Need to get 2083 kB of archives.
After this operation, 8094 kB of additional disk space will be used.
Do you want to continue? [Y/n] Y
Get:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libapr1t64 amd64 1.7.2-3.1build2 [107 kB]
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1t64 amd64 1.6.3-1.1ubuntu7 [91.9 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1-dbd-sqlite3 amd64 1.6.3-1.1ubuntu7 [11.2 kB]
Get:4 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 libaprutil1-ldap amd64 1.6.3-1.1ubuntu7 [9116 B]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 liblua5.4-0 amd64 5.4.6-3build2 [166 kB]
Progress: [ 38%] [#####]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2-data all 2.4.58-1ubuntu8.4 [163 kB]
Get:7 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2-utils amd64 2.4.58-1ubuntu8.4 [97.1 kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 apache2 amd64 2.4.58-1ubuntu8.4 [90.2 kB]
Get:9 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 ssl-cert all 1.1.2ubuntu1 [17.8 kB]
Fetched 2083 kB in 0s (25.5 MB/s)
Preconfiguring packages ...
Scanning processes... [
root@ip-172-31-42-7:~# ] outdated hypervisor (qemu) binaries on this host.ally, so you should consider rebooting.
```

```
aws Services Search [Alt+S] N. Virginia voclabs/user3387419=TALREJA_JAI_@ 5672-7063-6093
root@ip-172-31-42-7:~# mkdir temp
root@ip-172-31-42-7:~# ls
snap temp
root@ip-172-31-42-7:~# cd temp
root@ip-172-31-42-7:~/temp# wget https://d15a-jai-61.github.io/IP-Exp2/
--2024-08-12 11:00:29-- https://d15a-jai-61.github.io/IP-Exp2/
Resolving d15a-jai-61.github.io (d15a-jai-61.github.io)... 185.199.108.153, 185.199.109.153, 185.199.110.153, ...
Connecting to d15a-jai-61.github.io (d15a-jai-61.github.io)|185.199.108.153|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 4359 (4.3K) [text/html]
Saving to: 'index.html'

index.html          100%[=====] 4.26K --.-KB/s in 0s

2024-08-12 11:00:29 (41.9 MB/s) - 'index.html' saved [4359/4359]

root@ip-172-31-42-7:~/temp#
```

```
root@ip-172-31-42-7:~/temp# ls -lrt
total 8
-rw-r--r-- 1 root root 4359 Aug 12 09:23 index.html
root@ip-172-31-42-7:~/temp#
```

```
root@ip-172-31-42-7:~# cd temp
root@ip-172-31-42-7:~/temp# ls
index.html
root@ip-172-31-42-7:~/temp# service apache2 start
root@ip-172-31-42-7:~/temp# service apache2 status
● apache2.service - The Apache HTTP Server
   Loaded: loaded (/usr/lib/systemd/system/apache2.service; enabled; preset: enabled)
   Active: active (running) since Mon 2024-08-12 10:47:34 UTC; 51min ago
     Docs: https://httpd.apache.org/docs/2.4/
   Process: 493 ExecStart=/usr/sbin/apachectl start (code=exited, status=0/SUCCESS)
  Main PID: 519 (apache2)
    Tasks: 55 (limit: 1130)
   Memory: 7.8M (peak: 8.0M)
      CPU: 203ms
   CGroup: /system.slice/apache2.service
           └─519 /usr/sbin/apache2 -k start
             └─520 /usr/sbin/apache2 -k start
               └─521 /usr/sbin/apache2 -k start

Aug 12 10:47:33 ip-172-31-42-7 systemd[1]: Starting apache2.service - The Apache HTTP Server...
Aug 12 10:47:34 ip-172-31-42-7 systemd[1]: Started apache2.service - The Apache HTTP Server.
root@ip-172-31-42-7:~/temp#
```



aws

Services

Search

[Alt+S]

N. Virginia

voclabs/user3387419=TALREJA\_JAI\_@ 5672-7063-6093

EC2

Security Groups

sg-0234926154e2078d6

Edit inbound rules

Edit inbound rules

Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

Inbound rules

Info

Security group rule ID	Type	Protocol	Port range	Source	Description - optional	
sgr-0a05c7d3f2d659b92	SSH	TCP	22	Cust...		Delete
sgr-00956191191b304fc	HTTP	TCP	80	Cust...	http	Delete

Add rule

Rules with source of 0.0.0.0/0 or ::/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

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Not secure

50.17.76.21

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Windows taskbar with icons for Start, Search, Task View, File Explorer, Edge, Firefox, Chrome, and system tray with volume, network, and time (17:19, 12-08-2024).

InPrivate

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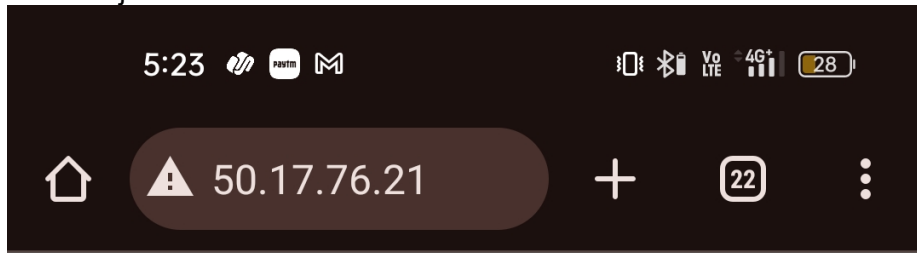
Instances | EC2 |

Not secure

50.17.76.21

Petco

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## Petco

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treatment in the world !



## About us

Petco is a category-defining health and wellness company focused on improving the lives of pets, pet parents and our own Petco partners. Since our founding in 1965, we've been trailblazing new standards in pet care, delivering comprehensive wellness solutions through our products and services, and creating communities that deepen the pet-parent bond.

We employ more than 29,000 partners nationwide and operate more than 1,500 Petco locations across the U.S., Mexico and Puerto Rico — including a growing network of more than 200 in-store veterinary hospitals — and offer a complete online resource for pet health and wellness at petco.com and on the Petco app.

In tandem with Petco Love, an independent nonprofit organization, we have helped find homes for more than 7 million animals through in-store adoption events.

## Working at Petco

