

VPC dashboard EC2 Global View New

Filter by VPC: Select a VPC

Virtual private cloud

Your VPCs New

- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- Carrier gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints

Your VPCs (1/2) Info

Find resources by attribute or tag

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
-	vpc-0f136fb7bae22a0b	Available	172.31.0.0/16	-
<input checked="" type="checkbox"/> vpc-1	vpc-053a110489ee38b89	Available	10.0.0.0/16	-

vpc-053a110489ee38b89 / vpc-1

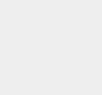
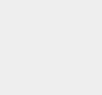
Details Resource map New CIDRs Flow logs Tags

Details

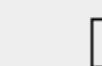
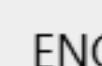
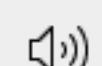
VPC ID <input type="checkbox"/> vpc-053a110489ee38b89	State Available	DNS hostnames Enabled	DNS resolution Enabled
--	--------------------	--------------------------	---------------------------



Type here to search



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12:21 PM

23-08-2023

AWS Management Console | Your VPCs | VPC Manager | Subnets | VPC Management | Internet gateways | VPC M | Dashboard | EC2 Manager | +

us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#subnets:v=3;search=:RUNNING,:vpc-053a110489ee38b89

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VPC dashboard X

EC2 Global View New

Filter by VPC:
Select a VPC

Virtual private cloud

Your VPCs New

Subnets

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Managed prefix lists

Endpoints

Subnets (1/2) Info

Find resources by attribute or tag

RUNNING X vpc-053a110489ee38b89 X Clear filters < 1 >

Name	Subnet ID	State	VPC
WEB-SERVER-SB1	subnet-0ca4a77a99fa95893	Available	vpc-053a110489ee38b89 vpc-1
DB-SERVER-SB1	subnet-0c695d1fabba52bce	Available	vpc-053a110489ee38b89 vpc-1

subnet-0ca4a77a99fa95893 / WEB-SERVER-SB1

Details Flow logs Route table Network ACL CIDR reservations Sharing Tags

Details



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AWS Management Console | Your VPCs | VPC Manager | Subnets | VPC Manager | Internet gateways | VPC M | Dashboard | EC2 Manager | +

us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#igws:

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VPC dashboard X

EC2 Global View New

Filter by VPC:
Select a VPC ▾

Virtual private cloud

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Managed prefix lists

Endpoints

Internet gateways (1/2) Info

Actions Create internet gateway

Filter internet gateways

< 1 > ⚙️

-	Name	Internet gateway ID	State	VPC ID
<input type="checkbox"/>	-	igw-00e6157d1e568240a	Attached	vpc-0f136fbcb7bae22a0b
<input checked="" type="checkbox"/>	IGW-WB-SB1	igw-06cbfa57e0f1326ca	Attached	vpc-053a110489ee38b89 vpc-1

igw-06cbfa57e0f1326ca / IGW-WB-SB1

Details Tags

Details

Edit routes

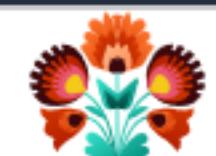
Destination	Target	Status	Propagated
10.0.0.0/16	<input type="text" value="local"/> X	Active	No
<input type="text" value="0.0.0.0/0"/> X	<input type="text" value="igw-06cbfa57e0f1326ca"/> X	-	No Remove

Add route

Cancel

Preview

Save changes



New EC2 Experience Tell us what you think

EC2 Dashboard
EC2 Global View
Events

Instances

Instances
Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Scheduled Instances
Capacity Reservations

Instances (1/2) Info							
	Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Ava
<input checked="" type="checkbox"/>	WEB-SERVER-1	i-0991b12cc4a8a52fd	Running	t2.micro	Initializing	No alarms	us-e
<input type="checkbox"/>	DB-SERVER-1	i-0843b1a3bab0877ca	Pending	t2.micro	-	No alarms	us-e

Instance: i-0991b12cc4a8a52fd (WEB-SERVER-1)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary [Info](#)

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0991b12cc4a8a52fd (WEB-SERVER-1)	54.235.233.46 open address	10.0.0.215
IPv6 address	Instance state	Public IPv4 DNS
-	Running	ec2-54-235-233-46.compute-

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
```

```
$ chmod 400 test_key.pem
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
```

```
$ ssh -i "test_key.pem" ec2-user@ec2-54-235-233-46.compute-1.amazonaws.com  
The authenticity of host 'ec2-54-235-233-46.compute-1.amazonaws.com (64:ff9b::36  
eb:e92e)' can't be established.
```

```
ED25519 key fingerprint is SHA256:aWDKcAgVyVYbzDj0sFOP3gDiEXwAd4MbKqFhv7ZR334.
```

```
This key is not known by any other names.
```

```
Are you sure you want to continue connecting (yes/no/[fingerprint])? YES
```

```
Warning: Permanently added 'ec2-54-235-233-46.compute-1.amazonaws.com' (ED25519) to the list of known hosts.
```

```
 _|_(_|_/_ ) Amazon Linux 2 AMI  
__|_\_|_ |
```

```
https://aws.amazon.com/amazon-linux-2/
```

```
2 package(s) needed for security, out of 2 available
```

```
Run "sudo yum update" to apply all updates.
```

```
[ec2-user@ip-10-0-0-215 ~]$ sudo su
```

```
[root@ip-10-0-0-215 ec2-user]# cd
```

```
[root@ip-10-0-0-215 ~]# ping google.com
```

```
PING google.com (142.251.16.139) 56(84) bytes of data.
```

```
64 bytes from b1-in-f139.1e100.net (142.251.16.139): icmp_seq=1 ttl=53 time=1.63 ms
```

```
64 bytes from b1-in-f139.1e100.net (142.251.16.139): icmp_seq=2 ttl=53 time=1.74 ms
```

```
64 bytes from b1-in-f139.1e100.net (142.251.16.139): icmp_seq=3 ttl=53 time=1.73 ms
```

```
64 bytes from b1-in-f139.1e100.net (142.251.16.139): icmp_seq=4 ttl=53 time=1.70 ms
```

```
^C
```

```
--- google.com ping statistics ---
```

```
4 packets transmitted, 4 received, 0% packet loss, time 3005ms
```

```
rtt min/avg/max/mdev = 1.638/1.707/1.748/0.059 ms
```

```
[root@ip-10-0-0-215 ~]# |
```



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Services

Search

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Your VPCs (1/2)						Info	C	Actions ▾	Create VPC	i
						Find resources by attribute or tag	< 1 >	⚙️		
-	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR					
<input type="checkbox"/>	-	vpc-0e3423adc91b55790	Available	172.31.0.0/16	-					
<input checked="" type="checkbox"/>	VPC-2	vpc-0a5864c35ae84f36b	Available	11.0.0.0/16	-					

vpc-0a5864c35ae84f36b / VPC-2

Details

Resource map New

CIDRs

Flow logs

Tags

Details

VPC ID

vpc-0a5864c35ae84f36b

State

Available

DNS hostnames

Disabled

DNS resolution

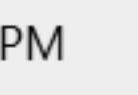
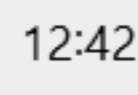
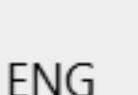
Enabled



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Services

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VPC dashboard



EC2 Global View New

Filter by VPC:

Select a VPC

Virtual private cloud

Your VPCs New

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

Endpoints

Endpoint services

Subnets (1/1)



Actions ▾

Create subnet

Find resources by attribute or tag

vpc-0a5864c35ae84f36b

Clear filters

< 1 >



<input checked="" type="checkbox"/>	Name	Subnet ID	State	VPC
<input checked="" type="checkbox"/>	WEB-SB2	subnet-0f13812d8030177d9	Available	vpc-0a5864c35ae84f36b VPC-2

subnet-0f13812d8030177d9 / WEB-SB2

Details

Flow logs

Route table

Network ACL

CIDR reservations

Sharing

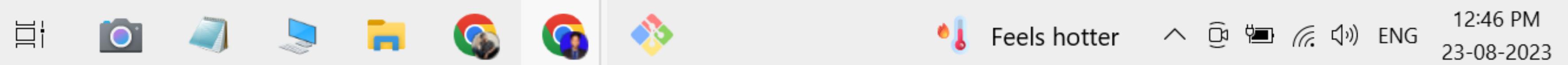
Tags

Details

Subnet ID	Subnet ARN	State	IPv4 CIDR
subnet-0f13812d8030177d9	arn:aws:vpc:us-east-2:123456789012:subnet-0f13812d8030177d9	Available	11.0.0.0/24



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AWS M X | AWS M X | Internet X | Dashboard X | Your V X | Subnet X | Route X | Endpoint X | Instance X | nat full X | +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#igws:

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VPC dashboard EC2 Global View New Filter by VPC: Select a VPC

Virtual private cloud Your VPCs New Subnets Route tables

Internet gateways Egress-only internet gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints Endpoint services

Internet gateways (1/2) Info Actions Create internet gateway

Filter internet gateways

-	Name	Internet gateway ID	State	VPC ID
<input type="checkbox"/>	-	igw-073100be305f52fb5	Attached	vpc-0e3423adc91b55790
<input checked="" type="checkbox"/>	IGW-WB-SB2	igw-0f0ee5a90b5309fc6	Attached	vpc-0a5864c35ae84f36b VPC-2

igw-0f0ee5a90b5309fc6 / IGW-WB-SB2

Details Tags

Details

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AWS M X | AWS M X | VPC M X | Instance X | Your V| X | Subnet X | Route X | Endpoi X | Instance X | nat full X | +

us-east-2.console.aws.amazon.com/ec2/home?region=us-east-2#Instances:

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Instance Types
Launch Templates
Spot Requests
Savings Plans
Reserved Instances
Dedicated Hosts
Capacity Reservations

Images

Instances (1/1) Info C Connect Instance state Actions Launch instances

Find instance by attribute or tag (case-sensitive)

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Ava
WEB-SERVER-2	i-0e30c83625552a285	Pending	t2.micro	-	No alarms	us-e

Instance: i-0e30c83625552a285 (WEB-SERVER-2)

Details Security Networking Storage Status checks Monitoring Tags

Instance summary Info

Instance ID	i-0e30c83625552a285 (WEB-SERVER-2)	Public IPv4 address	Private IPv4 addresses
IPv6 address	-	3.145.104.132 open address ↗	11.0.0.157
		Instance state	Public IPv4 DNS
		Pending	-

Waiting for us-east-2.console.aws.amazon.com... © 2023, Amazon Web Services India Private Limited or its affiliates. Privacy Terms Cookie preferences

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AWS X | AWS X | Your X | Insta X | Your X | Peeri X | Route X | Endp X | Insta X | nat f X | +

us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#PeeringConnections:

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Peering connections (1/1) [Info](#)

C Actions Create peering connection

Filter peering connections < 1 >

Name	Peering connection ID	Status	Requester VPC	Acceptor VPC
VPC-A-TO-B-P...	pcx-089d8447d604d4c2c	Pending acceptance	vpc-053a110489ee38b89 / vpc-1	vpc-0a5864c35ae84f36b

Requester owner ID: 841429465794 Acceptor owner ID: 841429465794 VPC Peering connection ARN: arn:aws:ec2:us-east-1:841429465794:vpc-peering-connection/pcx-089d8447d604d4c2c

Peering connection ID: pcx-089d8447d604d4c2c Requester VPC: vpc-053a110489ee38b89 / vpc-1 Acceptor VPC: vpc-0a5864c35ae84f36b

Status: Initiating Request to 841429465794 Requester CIDRs: 10.0.0.0/16 Acceptor CIDRs: -

Expiration time: Wednesday, August 30, 2023 at 13:33:43 Requester Region: N. Virginia (us-east-1) Acceptor Region: -

GMT+5:30

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us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#PeeringConnections:

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Select a VPC

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Peering connections

Security

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Peering connections (1/1) Info

Filter peering connections

Name Peering connection ID Status

- pcx-089d8447d604d4c2c Pending acceptance

C Actions Create peering connection

View details

Accept request

Reject request

Edit DNS settings

Manage tags

Delete peering

Acceptor VPC

vpc-0a5864c3e

pcx-089d8447d604d4c2c

Pending acceptance

You can accept or reject this peering connection request using the 'Actions' menu. You have until Wednesday, August 30, 2023 at 13:33:43 GMT+5:30 to accept or reject the request, otherwise it expires.

Details DNS Route tables Tags

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads  
$ chmod 400 test_key.pem
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads  
$ ssh -i "test_key.pem" ec2-user@ec2-54-235-233-46.compute-1.amazonaws.com  
Last login: Wed Aug 23 07:03:25 2023 from 152.58.149.122
```

```
 _|_(_|-/_\ Amazon Linux 2 AMI  
__|_\_|_ |
```

```
https://aws.amazon.com/amazon-linux-2/  
2 package(s) needed for security, out of 2 available  
Run "sudo yum update" to apply all updates.  
[ec2-user@ip-10-0-0-215 ~]$ sudo su  
[root@ip-10-0-0-215 ec2-user]# cd  
[root@ip-10-0-0-215 ~]# ping 11.0.0.157  
PING 11.0.0.157 (11.0.0.157) 56(84) bytes of data.  
|
```



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01:38 PM

AWS X | AWS X | VPC | Insta X | Your X | Peeri X | Peeri X | Route X | Endp X | Insta X | nat f X | +

us-east-2.console.aws.amazon.com/vpc/home?region=us-east-2#EditRoutes:RouteTableId=rtb-0cc684fdf633b980b

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aws Services Search [Alt+S]

VPC > Route tables > rtb-0cc684fdf633b980b > Edit routes

Edit routes

Destination	Target	Status	Propagated
11.0.0.0/16	local	Active	No
0.0.0.0/0	igw-0f0ee5a90b5309fc6	Active	No
10.0.0.0/16	pcx-089d8447d604d4c2d	-	No

Add route

Cancel Preview Save changes

Edit routes

Destination	Target	Status	Propagated
10.0.0.0/16	<input type="text" value="local"/> X	Active	No
0.0.0.0/0	<input type="text" value="igw-06cbfa57e0f1326ca"/> X	Active	No Remove
11.0.0.0/16	<input type="text" value="pcx-089d8447d604d4c2c"/> X	-	No Remove

Add route

Cancel

Preview

Save changes



```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
$ chmod 400 test_key.pem
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
$ ssh -i "test_key.pem" ec2-user@ec2-54-235-233-46.compute-1.amazonaws.com
Last login: Wed Aug 23 07:03:25 2023 from 152.58.149.122
```

```
__|__|_ ) Amazon Linux 2 AMI
__|_\_|_ |
```

```
https://aws.amazon.com/amazon-linux-2/
2 package(s) needed for security, out of 2 available
Run "sudo yum update" to apply all updates.
[ec2-user@ip-10-0-0-215 ~]$ sudo su
[root@ip-10-0-0-215 ec2-user]# cd
[root@ip-10-0-0-215 ~]# ping 11.0.0.157
PING 11.0.0.157 (11.0.0.157) 56(84) bytes of data.
64 bytes from 11.0.0.157: icmp_seq=165 ttl=255 time=10.7 ms
64 bytes from 11.0.0.157: icmp_seq=166 ttl=255 time=10.8 ms
64 bytes from 11.0.0.157: icmp_seq=167 ttl=255 time=10.7 ms
64 bytes from 11.0.0.157: icmp_seq=168 ttl=255 time=10.7 ms
64 bytes from 11.0.0.157: icmp_seq=169 ttl=255 time=10.7 ms
64 bytes from 11.0.0.157: icmp_seq=170 ttl=255 time=10.7 ms
64 bytes from 11.0.0.157: icmp_seq=171 ttl=255 time=10.6 ms
64 bytes from 11.0.0.157: icmp_seq=172 ttl=255 time=10.8 ms
64 bytes from 11.0.0.157: icmp_seq=173 ttl=255 time=10.8 ms
64 bytes from 11.0.0.157: icmp_seq=174 ttl=255 time=10.9 ms
64 bytes from 11.0.0.157: icmp_seq=175 ttl=255 time=10.7 ms
64 bytes from 11.0.0.157: icmp_seq=176 ttl=255 time=10.6 ms
64 bytes from 11.0.0.157: icmp_seq=177 ttl=255 time=10.7 ms
64 bytes from 11.0.0.157: icmp_seq=178 ttl=255 time=10.6 ms
64 bytes from 11.0.0.157: icmp_seq=179 ttl=255 time=10.7 ms
64 bytes from 11.0.0.157: icmp_seq=180 ttl=255 time=10.7 ms
64 bytes from 11.0.0.157: icmp_seq=181 ttl=255 time=10.7 ms
64 bytes from 11.0.0.157: icmp_seq=182 ttl=255 time=13.2 ms
```

AWS X | AWS X | VPC | X | Insta X | Your X | Peeri X | Peeri X | VPC | X | Endp X | Insta X | Users X +

us-east-1.console.aws.amazon.com/iamv2/home#/users

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Identity and Access Management (IAM)

Search IAM

IAM > Users

Users (1/1) Info

An IAM user is an identity with long-term credentials that is used to interact with AWS in an account.

User name	Path	Groups	Last activity	MFA	Password
TEST-USER	/	0	-	-	-

Dashboard

Access management

- User groups
- Users**
- Roles
- Policies
- Identity providers
- Account settings

Access reports

Access analyzer

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**Access key created**

This is the only time that the secret access key can be viewed or downloaded. You cannot recover it later. However, you can create a new access key any time.

IAM > Users > TEST-USER > Create access key

Step 1

[Access key best practices & alternatives](#)

Step 2 - optional

[Set description tag](#)

Step 3

Retrieve access keys

Retrieve access keys Info

Access key

If you lose or forget your secret access key, you cannot retrieve it. Instead, create a new access key and make the old key inactive.

Access key



AKIA4H2I2XLBD2FTPNPX

Secret access key



***** Show

Access key best practices

AWS X | AWS X | VPC X | Inst X | You X | Pee X | Pee X | VPC X | End X | S3 | X | Inst X | Cre X | +

s3.console.aws.amazon.com/s3/home?region=us-east-1

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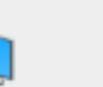
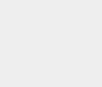
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Buckets (5) Info Buckets are containers for data stored in S3. Learn more

C Copy ARN Empty Delete Create bucket

Find buckets by name < 1 > ⚙️

Name	AWS Region	Access	Creation date
codepipeline-us-east-1-226524578296	US East (N. Virginia) us-east-1	Bucket and objects not public	August 12, 2023, 22:16:02 (UTC+05:30)
endpoint-test21	US East (N. Virginia) us-east-1	Bucket and objects not public	August 23, 2023, 13:52:56 (UTC+05:30)
mlops-bucketpr	US East (N. Virginia) us-east-1	⚠️ Public	August 12, 2023, 20:32:42 (UTC+05:30)
sagemaker-project-p-ncubsf0vcpw2	US East (N. Virginia) us-east-1	Bucket and objects not public	August 13, 2023, 21:43:28 (UTC+05:30)
sagemaker-studio-841429465794-qea6rcyrb	US East (N. Virginia) us-east-1	Bucket and objects not public	August 13, 2023, 19:46:27 (UTC+05:30)



```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
```

```
$ chmod 400 test_key.pem
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
```

```
$ ssh -i "test_key.pem" ec2-user@ec2-54-235-233-46.compute-1.amazonaws.com
```

```
Last login: Wed Aug 23 08:08:21 2023 from 152.58.151.31
```

```
 _|_(_|-_) / Amazon Linux 2 AMI  
__|\_\_|_ |
```

```
https://aws.amazon.com/amazon-linux-2/
```

```
2 package(s) needed for security, out of 2 available
```

```
Run "sudo yum update" to apply all updates.
```

```
[ec2-user@ip-10-0-0-215 ~]$ sudo su
```

```
[root@ip-10-0-0-215 ec2-user]# cd
```

```
[root@ip-10-0-0-215 ~]# aws configure
```

```
AWS Access Key ID [None]: AKIA4H2I2XLBD2FTPNPX
```

```
AWS Secret Access Key [None]: Ozm6SWL2zBwjuKEHmjQraUSj+5cE7Xt5H2XsAz2e
```

```
Default region name [None]: us-east-1
```

```
Default output format [None]: json
```

```
[root@ip-10-0-0-215 ~]# aws s3 ls
```

```
2023-08-12 16:46:02 codepipeline-us-east-1-226524578296
```

```
2023-08-23 08:22:56 endpoint-test21
```

```
2023-08-12 15:02:42 mlops-bucketpr
```

```
2023-08-13 16:13:28 sagemaker-project-p-ncubsf0vcpw2
```

```
2023-08-13 14:16:27 sagemaker-studio-841429465794-qea6rcyrhb
```

```
[root@ip-10-0-0-215 ~]# |
```



Type here to search



32°C Haze



01:57 PM
23-08-2023

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
```

```
$ chmod 400 WEB-SERVER-2.pem
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
```

```
$ ssh -i "WEB-SERVER-2.pem" ec2-user@3.145.104.132
```

```
The authenticity of host '3.145.104.132 (3.145.104.132)' can't be established.
```

```
ED25519 key fingerprint is SHA256:EZwONNxUE78cIJTRdN9nfXlohxLIOZZ2n/wSXJPuCGM.
```

```
This key is not known by any other names.
```

```
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
```

```
Warning: Permanently added '3.145.104.132' (ED25519) to the list of known hosts.
```

```
 _|_(_|_-_) Amazon Linux 2 AMI  
__|\_\_|_ |
```

```
https://aws.amazon.com/amazon-linux-2/
```

```
2 package(s) needed for security, out of 2 available
```

```
Run "sudo yum update" to apply all updates.
```

```
[ec2-user@ip-11-0-0-157 ~]$ sudo su
```

```
[root@ip-11-0-0-157 ec2-user]# cd
```

```
[root@ip-11-0-0-157 ~]# aws configure
```

```
AWS Access Key ID [None]: AKIA4H2I2XLBD2FTPNPX
```

```
AWS Secret Access Key [None]: Ozm6SWL2zBWjuKEHmjQraUSj+5cE7Xt5H2XsAz2e
```

```
Default region name [None]: us-east-2
```

```
Default output format [None]: json
```

```
[root@ip-11-0-0-157 ~]# aws s3 ls
```

```
2023-08-12 16:46:03 codepipeline-us-east-1-226524578296
```

```
2023-08-23 08:22:56 endpoint-test21
```

```
2023-08-12 15:16:04 mlops-bucketpr
```

```
2023-08-13 17:47:16 sagemaker-project-p-ncubsf0vcpw2
```

```
2023-08-13 14:16:29 sagemaker-studio-841429465794-qea6rcyrhb
```

```
[root@ip-11-0-0-157 ~]# ping google.com
```

```
PING google.com (142.250.190.110) 56(84) bytes of data.
```

```
64 bytes from ord37s35-in-f14.1e100.net (142.250.190.110): icmp_seq=1 ttl=113 time=16.9 ms
```

```
64 bytes from ord37s35-in-f14.1e100.net (142.250.190.110): icmp_seq=2 ttl=113 time=16.9 ms
```

```
64 bytes from ord37s35-in-f14.1e100.net (142.250.190.110): icmp_seq=3 ttl=113 time=16.9 ms
```

```
64 bytes from ord37s35-in-f14.1e100.net (142.250.190.110): icmp_seq=4 ttl=113 time=17.0 ms
```

```
64 bytes from ord37s35-in-f14.1e100.net (142.250.190.110): icmp_seq=5 ttl=113 time=16.9 ms
```

```
|
```



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33°C Haze



02:06 PM
23-08-2023

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
```

```
$ chmod 400 WEB-SERVER-2.pem
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
```

```
$ ssh -i "WEB-SERVER-2.pem" ec2-user@3.145.104.132
```

```
The authenticity of host '3.145.104.132 (3.145.104.132)' can't be established.
```

```
ED25519 key fingerprint is SHA256:EZwONNxUE78cIJTRdN9nfXlohxLIOZZ2n/wSXJPuCGM.
```

```
This key is not known by any other names.
```

```
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
```

```
Warning: Permanently added '3.145.104.132' (ED25519) to the list of known hosts.
```

```
 _|_(_|_) / Amazon Linux 2 AMI  
__\_\_|_
```

```
https://aws.amazon.com/amazon-linux-2/
```

```
2 package(s) needed for security, out of 2 available
```

```
Run "sudo yum update" to apply all updates.
```

```
[ec2-user@ip-11-0-0-157 ~]$ sudo su
```

```
[root@ip-11-0-0-157 ec2-user]# cd
```

```
[root@ip-11-0-0-157 ~]# aws configure
```

```
AWS Access Key ID [None]: AKIA4H2I2XLBD2FTPNPX
```

```
AWS Secret Access Key [None]: Ozm6SWL2zBWjuKEHmjQraUSj+5cE7Xt5H2XsAz2e
```

```
Default region name [None]: us-east-2
```

```
Default output format [None]: json
```

```
[root@ip-11-0-0-157 ~]# aws s3 ls
```

```
2023-08-12 16:46:03 codepipeline-us-east-1-226524578296
```

```
2023-08-23 08:22:56 endpoint-test21
```

```
2023-08-12 15:16:04 mlops-bucketpr
```

```
2023-08-13 17:47:16 sagemaker-project-p-ncubsf0vcpw2
```

```
2023-08-13 14:16:29 sagemaker-studio-841429465794-qea6rcyrhb
```

```
[root@ip-11-0-0-157 ~]# ping google.com
```

```
PING google.com (142.250.190.110) 56(84) bytes of data.
```

```
64 bytes from ord37s35-in-f14.1e100.net (142.250.190.110): icmp_seq=1 ttl=113 time=16.9 ms
```

```
64 bytes from ord37s35-in-f14.1e100.net (142.250.190.110): icmp_seq=2 ttl=113 time=16.9 ms
```

```
64 bytes from ord37s35-in-f14.1e100.net (142.250.190.110): icmp_seq=3 ttl=113 time=16.9 ms
```

```
64 bytes from ord37s35-in-f14.1e100.net (142.250.190.110): icmp_seq=4 ttl=113 time=17.0 ms
```

```
64 bytes from ord37s35-in-f14.1e100.net (142.250.190.110): icmp_seq=5 ttl=113 time=16.9 ms
```

```
64 bytes from ord37s35-in-f14.1e100.net (142.250.190.110): icmp_seq=6 ttl=113 time=16.9 ms
```

```
^C
```

```
--- google.com ping statistics ---
```

```
6 packets transmitted, 6 received, 0% packet loss, time 5006ms
```

```
rtt min/avg/max/mdev = 16.941/16.976/17.014/0.025 ms
```

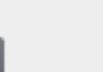
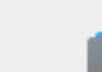
```
[root@ip-11-0-0-157 ~]# ping 10.0.1.124
```

```
PING 10.0.1.124 (10.0.1.124) 56(84) bytes of data.
```

```
|
```



Type here to search

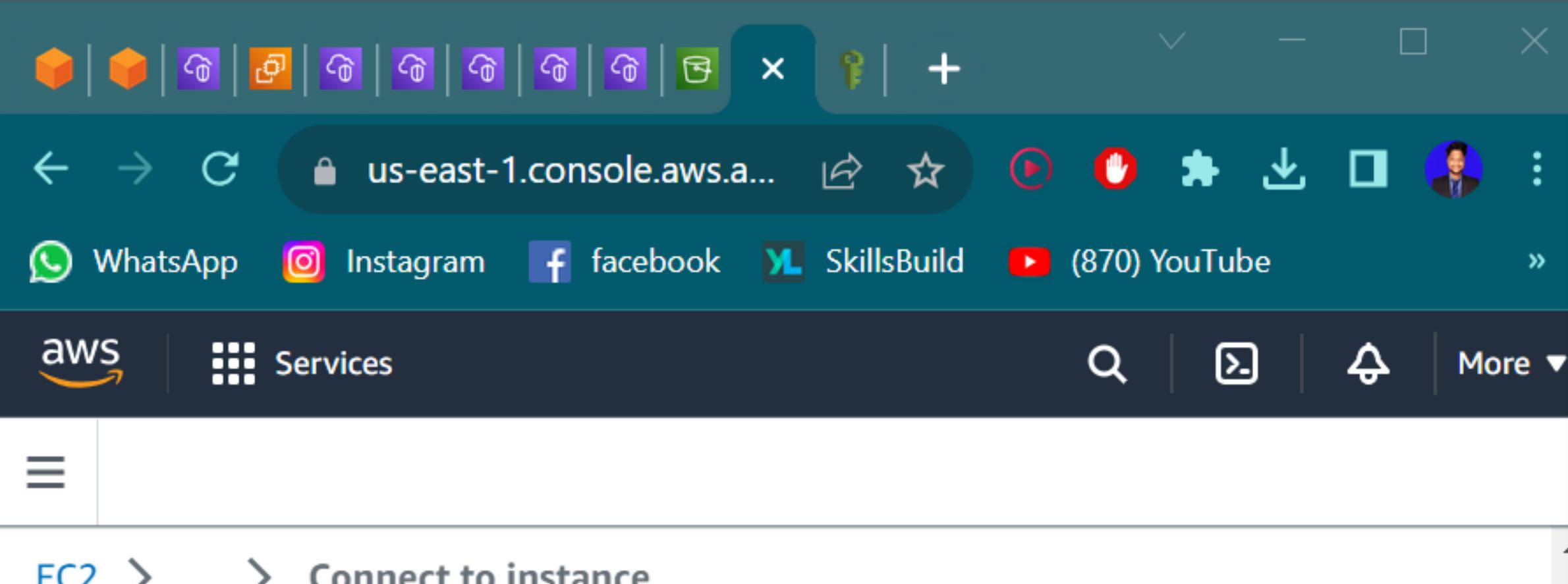


INR/USD +0.25%



02:06 PM

23-08-2023



```
root@ip-11-0-0-157:~ - X
-----BEGIN RSA PRIVATE KEY-----
MIIEpQIBAAKCAQEAvBmtzuERxmEt9Wx1kfoxzVi4W18o+c5c/Znju8A12SftIeK
8hCOEu8t7ppp+S4VjecY/r0p1PB3EaujkmwjoxNpZ+vh5ibZG7y+g3RtnqKJdhz/
s1UapGVHuR64qeHT9nv7BB8WzThnCS7rIe5UuMRE+f+c8oC7cDKEHvCbsOo4nDaw
ijVHK2E8MNgE0v+TjIF/dHBGtAyuL11Wnt5w6CRUBMAyQzc/jM2HSJhCQAC+bp00
ASU89fzJMwTdW9hxsjrEbryUUCVHs3fAYrgAZI5Vox6sxHQ+MdIwXAaKtRdu2bXB
71ccIGNZvmEvUcB18NZvT0g8woTAY1jxSKSMrQIDAQABAoIBAQCbFJyuSKsRj80k
kqgts8iPT0iXKjiF2c1NzoPqVXODaen0uDGi5laIKVf62JG+caykr9UNeUhAUaPO
2c8J4K1s1v2EVtXw40ikw5GIRvI6c/5zMmTH2o3o4N1lvUurt161I+tKfNNuOj/T
orvWaYtGjgXPu5KbwhwM062A0Cg+jvR5tCH8R6b9LVctCuoEFX5qn8rx7PB1NV9W
Jg1GvxTj10ON/zGUxZaqcjRwnfs+dFrJQLY/FVNql1rVNH4/uLXXDHsCtcAjJ0zp
mvPL4JzFSedFmjRSuNaXiNqgUqL7J0gTGvSUSPqRzT41MnhPyiSOVkJRVxsrnC4E
jCtEL5S1AoGBAOKsf5v8Lzk/QoWRvDT9N51n2hdq66V6e9tjyenGLm+rmCJKLXmz
16gSVoi6jsXICukEtrriIgJG0c391dcFQw92RU/1/SCdxoDNSNKXpNfGD//7dSDwF
fbotakdkzvPFoE=3kvFDPNtQlRTd/ci5FvB8KTROZUav8Q4B21vpw/vvnRIAcSRAM/n
```

2. Locate your private key file. The key used to launch this instance is `test_key.pem`

3. Run this command, if necessary, to ensure your key is not publicly viewable.

chmod 400 test_key.pem

4. Connect to your instance using its Private IP:

 10.0.1.124

Example:

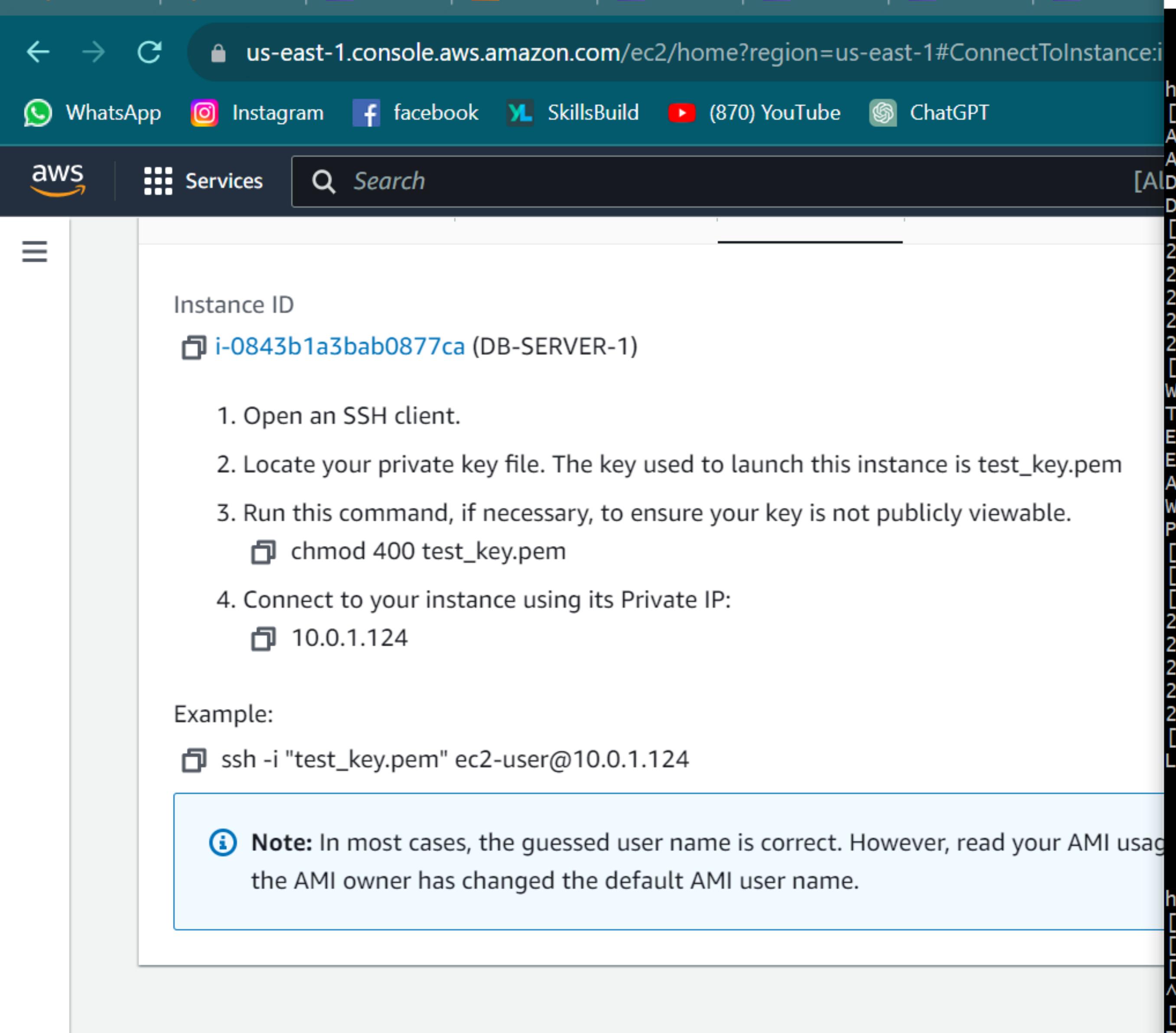
ssh -i "test_key.pem" ec2-user@10.0.1.124

Note: In most cases, the guessed user name is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI user name.

```
root@ip-10-0-1-124:~  
Last login: Wed Aug 23 09:25:01 2023 from 152.58.151.31  
-| ( _ | ) Amazon Linux 2 AMI  
-| \_ | _ |  
https://aws.amazon.com/amazon-linux-2/  
[ec2-user@ip-10-0-0-215 ~]$ aws configure  
AWS Access Key ID [None]: AKIA4H2I2XLBD2FTPNPX  
AWS Secret Access Key [None]: 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  
Default region name [None]: us-east-1  
Default output format [None]: json  
[ec2-user@ip-10-0-0-215 ~]$ aws s3 ls  
2023-08-12 16:46:02 codepipeline-us-east-1-226524578296  
2023-08-23 08:22:56 endpoint-test21  
2023-08-12 15:02:42 mlops-bucketpr  
2023-08-13 16:13:28 sagemaker-project-p-ncubsf0vcpw2  
2023-08-13 14:16:27 sagemaker-studio-841429465794-qea6rcyrb  
[ec2-user@ip-10-0-0-215 ~]$ ssh -i "test_key.pem" ec2-user@10.0.1.124  
Warning: Identity file test_key.pem not accessible: No such file or directory.  
The authenticity of host '10.0.1.124 (10.0.1.124)' can't be established.  
ECDSA key fingerprint is SHA256:3iiMW3vDdfIEd30KQcRVByw4WK//qu4x0EvmIWXo17U.  
ECDSA key fingerprint is MD5:da:e1:fb:a5:9f:db:a0:8a:3a:e8:02:5e:50:19:d8:39.  
Are you sure you want to continue connecting (yes/no)? yes  
Warning: Permanently added '10.0.1.124' (ECDSA) to the list of known hosts.  
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).  
[ec2-user@ip-10-0-0-215 ~]$ sudo su  
[root@ip-10-0-0-215 ec2-user]# cd  
[root@ip-10-0-0-215 ~]# aws s3 ls  
2023-08-12 16:46:02 codepipeline-us-east-1-226524578296  
2023-08-23 08:22:56 endpoint-test21  
2023-08-12 15:02:42 mlops-bucketpr  
2023-08-13 16:13:28 sagemaker-project-p-ncubsf0vcpw2  
2023-08-13 14:16:27 sagemaker-studio-841429465794-qea6rcyrb  
[root@ip-10-0-0-215 ~]$ ssh -i "test_key.pem" ec2-user@10.0.1.124  
Last login: Wed Aug 23 09:26:42 2023 from ip-10-0-0-215.ec2.internal  
-| ( _ | ) Amazon Linux 2 AMI  
-| \_ | _ |  
https://aws.amazon.com/amazon-linux-2/  
[ec2-user@ip-10-0-1-124 ~]$ sudo su  
[root@ip-10-0-1-124 ec2-user]# cd  
[root@ip-10-0-1-124 ~]# aws s3 ls
```



 root@ip-10-0-1-124:~ - □ ×



```
Amazon Linux 2 AMI
[ec2-user@ip-10-0-0-215 ~]$ aws configure
AWS Access Key ID [None]: AKIA4H2I2XLBD2FTPNNP
AWS Secret Access Key [None]: 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
default region name [None]: us-east-1
default output format [None]: json
[ec2-user@ip-10-0-0-215 ~]$ aws s3 ls
2023-08-12 16:46:02 codepipeline-us-east-1-226524578296
2023-08-23 08:22:56 endpoint-test21
2023-08-12 15:02:42 mlops-bucketpr
2023-08-13 16:13:28 sagemaker-project-p-ncubsf0vcpw2
2023-08-13 14:16:27 sagemaker-studio-841429465794-qea6rcyrb
[ec2-user@ip-10-0-0-215 ~]$ ssh -i "test_key.pem" ec2-user@10.0.1.124
Warning: Identity file test_key.pem not accessible: No such file or directory.
The authenticity of host '10.0.1.124 (10.0.1.124)' can't be established.
ECDSA key fingerprint is SHA256:3iiMW3vDdfIEd3OKQcRVByw4WK//qU4x0EvmIWXo17U.
ECDSA key fingerprint is MD5:da:e1:fb:a5:9f:db:a0:8a:3a:e8:02:5e:50:19:d8:39.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '10.0.1.124' (ECDSA) to the list of known hosts.
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[ec2-user@ip-10-0-0-215 ~]$ sudo su
root@ip-10-0-0-215 ec2-user]# cd
root@ip-10-0-0-215 ~]# aws s3 ls
2023-08-12 16:46:02 codepipeline-us-east-1-226524578296
2023-08-23 08:22:56 endpoint-test21
2023-08-12 15:02:42 mlops-bucketpr
2023-08-13 16:13:28 sagemaker-project-p-ncubsf0vcpw2
2023-08-13 14:16:27 sagemaker-studio-841429465794-qea6rcyrb
root@ip-10-0-0-215 ~]# ssh -i "test_key.pem" ec2-user@10.0.1.124
Last login: Wed Aug 23 09:26:42 2023 from ip-10-0-0-215.ec2.internal
```

`cat /etc/issue` Amazon Linux 2 AMI

```
https://aws.amazon.com/amazon-linux-2/
ec2-user@ip-10-0-1-124 ~]$ sudo su
root@ip-10-0-1-124 ec2-user]# cd
root@ip-10-0-1-124 ~]# aws s3 ls
C
root@ip-10-0-1-124 ~]# ping google.com
PING google.com (142.251.16.113) 56(84) bytes of data.
```

AWS X | AWS X | Rou X | Con X | You X | Pee X | Pee X | Rou X | End X | S3 | X | Con X | Cre X | +

us-east-1.console.aws.amazon.com/vpc/home?region=us-east-1#Endpoints:vpcEndpointId=vpce-05a1b16a70a271437

WhatsApp Instagram facebook SkillsBuild (870) YouTube ChatGPT

aws Services Search [Alt+S] N. Virginia Subham Pradhan

VPC dashboard EC2 Global View New Filter by VPC: Select a VPC

Virtual private cloud Your VPCs New Subnets Route tables Internet gateways Egress-only internet gateways Carrier gateways DHCP option sets Elastic IPs Managed prefix lists Endpoints

Endpoints (1/1) Info Actions Create endpoint Find resources by attribute or tag < 1 >

<input checked="" type="checkbox"/>	Name	VPC endpoint ID	VPC ID	Service name
<input checked="" type="checkbox"/>	ENDP-1	vpce-05a1b16a70a271437	vpc-053a110489ee38b89 vpc-1	com.amazonaws.us-east-1

vpce-05a1b16a70a271437 / ENDP-1

Details Route tables Policy Tags

Details

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31°C Cloudy 03:12 PM 23-08-2023 ENG

```
Default output format [None]: json
[ec2-user@ip-10-0-0-215 ~]$ aws s3 ls
2023-08-12 16:46:02 codepipeline-us-east-1-226524578296
2023-08-23 08:22:56 endpoint-test21
2023-08-12 15:02:42 mlops-bucketpr
2023-08-13 16:13:28 sagemaker-project-p-ncubsf0vcpw2
2023-08-13 14:16:27 sagemaker-studio-841429465794-qea6rcyrb
[ec2-user@ip-10-0-0-215 ~]$ ssh -i "test_key.pem" ec2-user@10.0.1.124
Warning: Identity file test_key.pem not accessible: No such file or directory.
The authenticity of host '10.0.1.124 (10.0.1.124)' can't be established.
ECDSA key fingerprint is SHA256:3iiMW3vDdfIED3OKQcRVByw4WK//qU4x0EvmIWXo17U.
ECDSA key fingerprint is MD5:da:e1:fb:a5:9f:db:a0:8a:3a:e8:02:5e:50:19:d8:39.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '10.0.1.124' (ECDSA) to the list of known hosts.
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[ec2-user@ip-10-0-0-215 ~]$ sudo su
[root@ip-10-0-0-215 ec2-user]# cd
[root@ip-10-0-0-215 ~]# aws s3 ls
2023-08-12 16:46:02 codepipeline-us-east-1-226524578296
2023-08-23 08:22:56 endpoint-test21
2023-08-12 15:02:42 mlops-bucketpr
2023-08-13 16:13:28 sagemaker-project-p-ncubsf0vcpw2
2023-08-13 14:16:27 sagemaker-studio-841429465794-qea6rcyrb
[root@ip-10-0-0-215 ~]# ssh -i "test_key.pem" ec2-user@10.0.1.124
Last login: Wed Aug 23 09:26:42 2023 from ip-10-0-0-215.ec2.internal
```

—| —|— / Amazon Linux 2 AMI
—| \—|—|

```
https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-10-0-1-124 ~]$ sudo su
[root@ip-10-0-1-124 ec2-user]# cd
[root@ip-10-0-1-124 ~]# aws s3 ls
^C
[root@ip-10-0-1-124 ~]# ping google.com
PING google.com (142.251.16.113) 56(84) bytes of data.
client_loop: send disconnect: Connection reset by peer
```

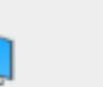
```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
$ aws s3 ls
2023-08-12 22:16:02 codepipeline-us-east-1-226524578296
2023-08-23 13:52:56 endpoint-test21
2023-08-12 20:32:42 mlops-bucketpr
2023-08-13 21:43:28 sagemaker-project-p-ncubsf0vcpw2
2023-08-13 19:46:27 sagemaker-studio-841429465794-qea6rcyrb
```

```
ASUS@LAPTOP-Q9QDRNKO MINGW64 ~/Downloads
```

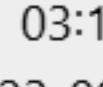
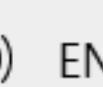
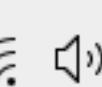
```
$ |
```



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03:13 PM

23-08-2023