

### Your VPCs (1/2) [Info](#)



Actions ▾

Create VPC



Q Filter VPCs

< 1 >



<input type="checkbox"/>	Name ▾	VPC ID ▾	State ▾	IPv4 CIDR ▾	IPv6 CIDR ▾
<input checked="" type="checkbox"/>	My-VPC	vpc-020e7a25c88506021	Available	192.168.0.0/16	-
<input type="checkbox"/>	-	vpc-0345a6b206e8dbda0	Available	172.31.0.0/16	-

### Subnets (4/7) [Info](#)



Actions ▾

Create subnet

Q Filter subnets

< 1 >



<input type="checkbox"/>	Name	Subnet ID	State	VPC	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	-	subnet-0e79dc3b932914f93	Available	vpc-0345a6b206e8dbda0	172.31.16.0/20	-
<input checked="" type="checkbox"/>	VPC-A-PrvSN1	subnet-0a3646c164a3ed982	Available	vpc-00d6a70389f19c457   VP...	192.168.0.0/24	-
<input checked="" type="checkbox"/>	VPC-Prv-SN2	subnet-0b7f4ae772ddfb1ea	Available	vpc-00d6a70389f19c457   VP...	192.168.1.0/24	-
<input type="checkbox"/>	-	subnet-01e3810ee9d07b573	Available	vpc-0345a6b206e8dbda0	172.31.32.0/20	-
<input checked="" type="checkbox"/>	VPC-A-PubSN1	subnet-0488ec18056e82da5	Available	vpc-00d6a70389f19c457   VP...	192.168.2.0/24	-
<input type="checkbox"/>	-	subnet-08ab41ba31bc3a0d4	Available	vpc-0345a6b206e8dbda0	172.31.0.0/20	-
<input checked="" type="checkbox"/>	VPC-A-PubSN2	subnet-0ed1bda9b1120fb12	Available	vpc-00d6a70389f19c457   VP...	192.168.3.0/24	-

Route table rtb-084b45c2eb6c0f8ea | VPC-A-PrvRT was created successfully.



### Route tables (4) [Info](#)



Actions ▾

Create route table

Q Filter route tables

< 1 >



<input type="checkbox"/>	Name ▾	Route table ID ▾	Explicit subnet associat... ▾	Edge associations	Main ▾	VPC ▾
<input type="checkbox"/>	-	rtb-04faa0b0a88195bdf	-	-	Yes	vpc-0345a6b206e8dbda0
<input type="checkbox"/>	VPC-A-PrvRT	rtb-084b45c2eb6c0f8ea	-	-	No	vpc-00d6a70389f19c457   VP...
<input type="checkbox"/>	VPC-A-PubRT	rtb-0ae25723d564e0d1d	-	-	No	vpc-00d6a70389f19c457   VP...
<input type="checkbox"/>	-	rtb-0515add9dd562c817	-	-	Yes	vpc-00d6a70389f19c457   VP...

## Edit subnet associations

Change which subnets are associated with this route table.

**Available subnets (4)**

Filter subnet associations

<input type="checkbox"/>	Name	Subnet ID	IPv4 CIDR	IPv6 CIDR	Route table ID
<input type="checkbox"/>	VPC-A-PrivSN1	subnet-0a3646c164a3ed982	192.168.0.0/24	-	Main (rtb-0515add9dd562c817)
<input type="checkbox"/>	VPC-Priv-SN2	subnet-0b7f4ae772ddf1ea	192.168.1.0/24	-	Main (rtb-0515add9dd562c817)
<input type="checkbox"/>	VPC-A-PubSN1	subnet-0488ec18056e82da5	192.168.2.0/24	-	Main (rtb-0515add9dd562c817)
<input type="checkbox"/>	VPC-A-PubSN2	subnet-0ed1bda9b1120fb12	192.168.3.0/24	-	Main (rtb-0515add9dd562c817)

✔ You have successfully updated subnet associations for rtb-0ae25723d564e0d1d / VPC-A-PubRT.

## Route tables (4) Info

Filter route tables

<input type="checkbox"/>	Name	Route table ID	Explicit subnet associat...	Edge associations	Main	VPC
<input type="checkbox"/>	-	rtb-04faa0b0a88195bdf	-	-	Yes	vpc-0345a6b206e8dbd
<input type="checkbox"/>	VPC-A-PrivRT	rtb-084b45c2eb6c0f8ea	2 subnets	-	No	vpc-00d6a70389f19c4
<input type="checkbox"/>	VPC-A-PubRT	rtb-0ae25723d564e0d1d	2 subnets	-	No	vpc-00d6a70389f19c4
<input type="checkbox"/>	-	rtb-0515add9dd562c817	-	-	Yes	vpc-00d6a70389f19c4

## Edit routes

Destination	Target	Status	Propagated
192.168.0.0/16	local	Active	No
0.0.0.0/0	igw-0685ed7eacbb39940	-	No

Add route

Remove

# sg-0064e97beda2bd8ef - VPC-A-SG

Actions ▾

## Details

Security group name

VPC-A-SG

Security group ID

sg-0064e97beda2bd8ef

Description

VPC-A-SG

VPC ID

vpc-0345a6b206e8bdba0

Owner

871984970178

Inbound rules count

3 Permission entries

Outbound rules count

0 Permission entries

Inbound rules

Outbound rules

Tags

You can now check network connectivity with Reachability Analyzer

Run Reachability Analyzer

## Inbound rules (3)



Manage tags

Edit inbound rules

Filter security group rules

< 1 >



<input type="checkbox"/>	Name ▾	Security group rule... ▾	IP version ▾	Type ▾	Protocol ▾	Port range
<input type="checkbox"/>	-	sgr-05f3e211664df493f	IPv4	All ICMP - IPv4	ICMP	All
<input type="checkbox"/>	-	sgr-041f1110fc849c31a	IPv4	SSH	TCP	22
<input type="checkbox"/>	-	sgr-0d82cc7a96f8ba430	IPv4	All TCP	TCP	0 - 65535

## Instances (2) Info



Connect

Instance state ▾

Actions ▾

Launch instances ▾

Find instance by attribute or tag (case-sensitive)

< 1 >



<input type="checkbox"/>	Name ▾	Instance ID	Instance state ▾	Instance type ▾	Status check	Alarm status	Availability Zone ▾	Public
<input type="checkbox"/>	EC2A-PubSN	i-046202e796d7bb21d	Running	t2.micro	2/2 checks passed	No alarms +	ap-southeast-2b	-
<input type="checkbox"/>	EC2-A-PrvSN1	i-0ccb901ee9b4d8eaf	Running	t2.micro	-	No alarms +	ap-southeast-2b	-

```
Windows PowerShell
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Try the new cross-platform PowerShell https://aka.ms/pscore6

PS C:\Windows\system32> cd C:\Users\Murty\Downloads\Sydney
PS C:\Users\Murty\Downloads\Sydney> ssh -i "Sydney.pem" ec2-user@54.252.243.112
ssh: connect to host 54.252.243.112 port 22: Connection timed out
PS C:\Users\Murty\Downloads\Sydney>
PS C:\Users\Murty\Downloads\Sydney> ping 54.252.243.112

Pinging 54.252.243.112 with 32 bytes of data:
Request timed out.
Request timed out.
Request timed out.
Request timed out.

Ping statistics for 54.252.243.112:
    Packets: Sent = 4, Received = 0, Lost = 4 (100% loss),
PS C:\Users\Murty\Downloads\Sydney>
```

```
64 bytes from 192.168.0.239: icmp_seq=98 ttl=255 time=0.544 ms
64 bytes from 192.168.0.239: icmp_seq=99 ttl=255 time=0.534 ms
64 bytes from 192.168.0.239: icmp_seq=100 ttl=255 time=0.483 ms
^C
--- 192.168.0.239 ping statistics ---
100 packets transmitted, 100 received, 0% packet loss, time 101272ms
rtt min/avg/max/mdev = 0.424/0.556/2.664/0.292 ms
[root@ip-192-168-2-182 ec2-user]#
```

```
^C
-- 192.168.0.239 ping statistics --
100 packets transmitted, 100 received, 0% packet loss, time 101272ms
rtt min/avg/max/mdev = 0.424/0.556/2.664/0.292 ms
[root@ip-192-168-2-182 ec2-user]# ssh ec2-user@192.168.0.239
The authenticity of host '192.168.0.239 (192.168.0.239)' can't be established.
ECDSA key fingerprint is SHA256:M8HskxuhTh+G00FRaegUASEMybP2QGg/DB2DNq3vx18.
ECDSA key fingerprint is MD5:82:a1:13:ea:ea:64:71:07:ae:a0:4e:a4:40:cf:a1:6f.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.0.239' (ECDSA) to the list of known hosts.
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[root@ip-192-168-2-182 ec2-user]#
```

```
PS C:\Users\Murty\Downloads\Sydney> scp -i ./sydney.pem -r ./sydney.pem ec2-user@3.25.77.103:/home/ec2-user
sydney.pem
PS C:\Users\Murty\Downloads\Sydney>
```

```

are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.0.239' (ECDSA) to the list of known hosts.
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[root@ip-192-168-2-182 ec2-user]# ls -l
total 0
[root@ip-192-168-2-182 ec2-user]# ls
sydney.pem
[root@ip-192-168-2-182 ec2-user]#

```

```

--- 192.168.0.239 ping statistics ---
100 packets transmitted, 100 received, 0% packet loss, time 101272ms
rtt min/avg/max/mdev = 0.424/0.556/2.664/0.292 ms
[root@ip-192-168-2-182 ec2-user]# ssh ec2-user@192.168.0.239
The authenticity of host '192.168.0.239 (192.168.0.239)' can't be established.
ECDSA key fingerprint is SHA256:M8HskxuhTh+G00FRaegUASEMybP2QGg/DB2DNq3vx18.
ECDSA key fingerprint is MD5:82:a1:13:ea:ea:64:71:07:ae:a0:4e:a4:40:cf:a1:6f.
Are you sure you want to continue connecting (yes/no)? yes
Warning: Permanently added '192.168.0.239' (ECDSA) to the list of known hosts.
Permission denied (publickey,gssapi-keyex,gssapi-with-mic).
[root@ip-192-168-2-182 ec2-user]# ls -l
total 0
[root@ip-192-168-2-182 ec2-user]# ls
sydney.pem
[root@ip-192-168-2-182 ec2-user]# ls -l
total 4
-rw-rw-r-- 1 ec2-user ec2-user 1678 Oct 22 20:59 sydney.pem
[root@ip-192-168-2-182 ec2-user]# chmod 700 sydney.pem
[root@ip-192-168-2-182 ec2-user]# ls -l
total 4
-rwx----- 1 ec2-user ec2-user 1678 Oct 22 20:59 sydney.pem
[root@ip-192-168-2-182 ec2-user]# ssh -i sydney.pem ec2-user@192.168.0.239

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

https://aws.amazon.com/amazon-linux-2/
ec2-user@ip-192-168-0-239 ~]$

```

or services, features, blogs, docs, and more [Alt+S] Sydney Pavani Anantapalli

NAT gateways (1/1) info Actions Create NAT gateway

Filter NAT gateways < 1 >

Name	NAT gateway ID	Connectivit...	State	State message	Elastic IP address	Privat
MyNatGW	nat-002fc81c9fa38f8e9	Public	Available	-	3.24.96.248	192.11

VPC > Route tables > rtb-084b45c2eb6c0f8ea

rtb-084b45c2eb6c0f8ea / VPC-A-PrvRT Actions ▾

🔔 You can now check network connectivity with Reachability Analyzer Run Reachability Analyzer ✕

**Details** [Info](#)

Route table ID 🔑 rtb-084b45c2eb6c0f8ea	Main 🔑 No	Explicit subnet associations 2 subnets	Edge associations -
VPC vpc-00d6a70389f19c457   VPC-A	Owner ID 🔑 871984970178		

```

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-0-203 ~]$ sudo su
[root@ip-192-168-0-203 ec2-user]# ping google.com
PING google.com (142.250.66.206) 56(84) bytes of data.
^C
--- google.com ping statistics ---
103 packets transmitted, 0 received, 100% packet loss, time 104427ms
[root@ip-192-168-0-203 ec2-user]#

```

```

https://aws.amazon.com/amazon-linux-2/
[ec2-user@ip-192-168-0-203 ~]$ sudo su
[root@ip-192-168-0-203 ec2-user]# ping google.com
PING google.com (142.250.204.14) 56(84) bytes of data.
64 bytes from syd09s25-in-f14.1e100.net (142.250.204.14): icmp_seq=1 ttl=108 time=1.70 ms
64 bytes from syd09s25-in-f14.1e100.net (142.250.204.14): icmp_seq=2 ttl=108 time=1.48 ms
64 bytes from syd09s25-in-f14.1e100.net (142.250.204.14): icmp_seq=3 ttl=108 time=1.53 ms
64 bytes from syd09s25-in-f14.1e100.net (142.250.204.14): icmp_seq=4 ttl=108 time=1.54 ms
64 bytes from syd09s25-in-f14.1e100.net (142.250.204.14): icmp_seq=5 ttl=108 time=1.51 ms
64 bytes from syd09s25-in-f14.1e100.net (142.250.204.14): icmp_seq=6 ttl=108 time=1.57 ms
64 bytes from syd09s25-in-f14.1e100.net (142.250.204.14): icmp_seq=7 ttl=108 time=1.49 ms
64 bytes from syd09s25-in-f14.1e100.net (142.250.204.14): icmp_seq=8 ttl=108 time=1.50 ms
^C
--- google.com ping statistics ---
8 packets transmitted, 8 received, 0% packet loss, time 7011ms
rtt min/avg/max/mdev = 1.484/1.544/1.705/0.068 ms
[root@ip-192-168-0-203 ec2-user]#

```