

1. CREATED PROD-VPC-PAGE-3
2. CREATED PROD-SUBNETS-PAGE-4
3. PROD-IGW-PAGE-5
4. PROD\_WEB\_RT-PAGE-6
5. PROD\_WEB\_SUBNET ASSOCIATION-PAGE-7
6. LAUNCHING PROD INSTANCES-PAGE-8
7. CONNECT,UPGRADE,CHECKING INTERNET-PAGE-9
8. CHECKING THE WEB IP ADDRESS-PAGE-10
9. IGW WORKING-PAGE-11
10. BEFORE NATGATEWAY WORK, NEED TO DO USE COMMANDS-PAGE-12
11. COPYING PRIVATE IP ADDRESS-PAGE-13
12. AND PASTING HERE IF ITS WORK THEN NATGATEWAY WORKS-PAGE-14
13. DEV VPC-PAGE-15
14. DEV-SUBNETS-PAGE-16
15. EDIT ROUTE TABLE FOR WEB-PAGE-17

16. CREATED ROUTE TABLE-PAGE-18
17. EDIT SUBNET ASSOCIATION-PAGE-19
18. CREATED SUBNET ASSOCIATION-PAGE-20
19. LAUNCHING DEV INSTANCES-PAGE-21
20. CREATED PEERING CONNECTION AND ROUTE TABLE SETTING FOR PCR-PAGE-22
21. EXIT FORM OLD IP ADDRESS-PAGE-23
22. COPYING PROD-DB IP ADDRESS-PAGE-24
23. NOW NEED TO CONNECT ANOTHER VPC SUBNET IF ITS WORK THEN PCR SUCCESSFULLY SETUP, SO COPYING DB-2 IP ADDRESS-PAGE-25
24. PASTED AND SUCCESSFULLY CONNECTED-PAGE-26
25. PASTED AND SUCCESSFULLY PING DB2-PAGE-27
26. GIVING PACKETS THATS MEANS PCR SETUP IS CORRECT-PAGE-28
27. I STOPPED SO THE ASSIGNMENTS IS DONE-PAGE-29

Start Course | IntelliJ | Personal Videos | Clip | DCP 39/0 (3.3) vs GG | Home | EC2 | ap-sout | vpcs | VPC Console | Downloads

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#vpcs:

AWS Services Search [Alt+S] Singapore Salman S

VPC dashboard EC2 Global View

Filter by VPC: Select a VPC

Virtual private cloud Your VPCs (2) Info Actions Create VPC

Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
-	vpc-0b30ac81932ad0441	Available	172.31.0.0/16	-
PROD-VPC	vpc-0f2ae3e4ff4cc7a30	Available	10.0.0.0/16	-

Select a VPC above

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1 2024-02-15 22:07 ENG IN

Screenshot of the AWS VPC Subnets console page.

The URL in the browser is [ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#subnets](https://ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#subnets).

The left sidebar shows the VPC dashboard and EC2 Global View, with a "Virtual private cloud" section expanded, showing "Your VPCs" and "Subnets".

The main content area displays a table titled "Subnets (8) Info" with the following data:

Name	Subnet ID	State	VPC	IPv4 Range
-	subnet-0ce1fe29e3e438ed1	Available	vpc-0b30ac81932ad0441	172.31.1.0/24
-	subnet-0eae2ba118b6b57bc	Available	vpc-0b30ac81932ad0441	172.31.2.0/24
-	subnet-03ebba2cee53813c8	Available	vpc-0b30ac81932ad0441	172.31.3.0/24
APP-1	subnet-04d29c070a13ffeb6	Available	vpc-0f2ae3e4ff4cc7a30   PROD...	10.0.1.0/24
DBCACHE	subnet-0ae90beab6c2e0a2d	Available	vpc-0f2ae3e4ff4cc7a30   PROD...	10.0.2.0/24
WEB	subnet-0c35160871ec184af	Available	vpc-0f2ae3e4ff4cc7a30   PROD...	10.0.3.0/24
DB	subnet-03b940032dc523a5d	Available	vpc-0f2ae3e4ff4cc7a30   PROD...	10.0.4.0/24
APP-2	subnet-083d23592d6427214	Available	vpc-0f2ae3e4ff4cc7a30   PROD...	10.0.5.0/24

The bottom status bar shows the URL <https://ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-so...>, the date "15-02-2024", the time "22:07", and the user "Salman S".

Start Course | Intellipaat | Personal Videos | Clip | DCP 49/0 (3.3) vs GG | Home | EC2 | ap-sout | igws | VPC Console | Downloads

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#igws:

AWS Services Search [Alt+S] Singapore Salman S

VPC dashboard X

EC2 Global View

Filter by VPC: Select a VPC

Virtual private cloud

- Your VPCs
- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints
- Endpoint services
- NAT gateways

Internet gateways (2) Info Actions Create internet gateway

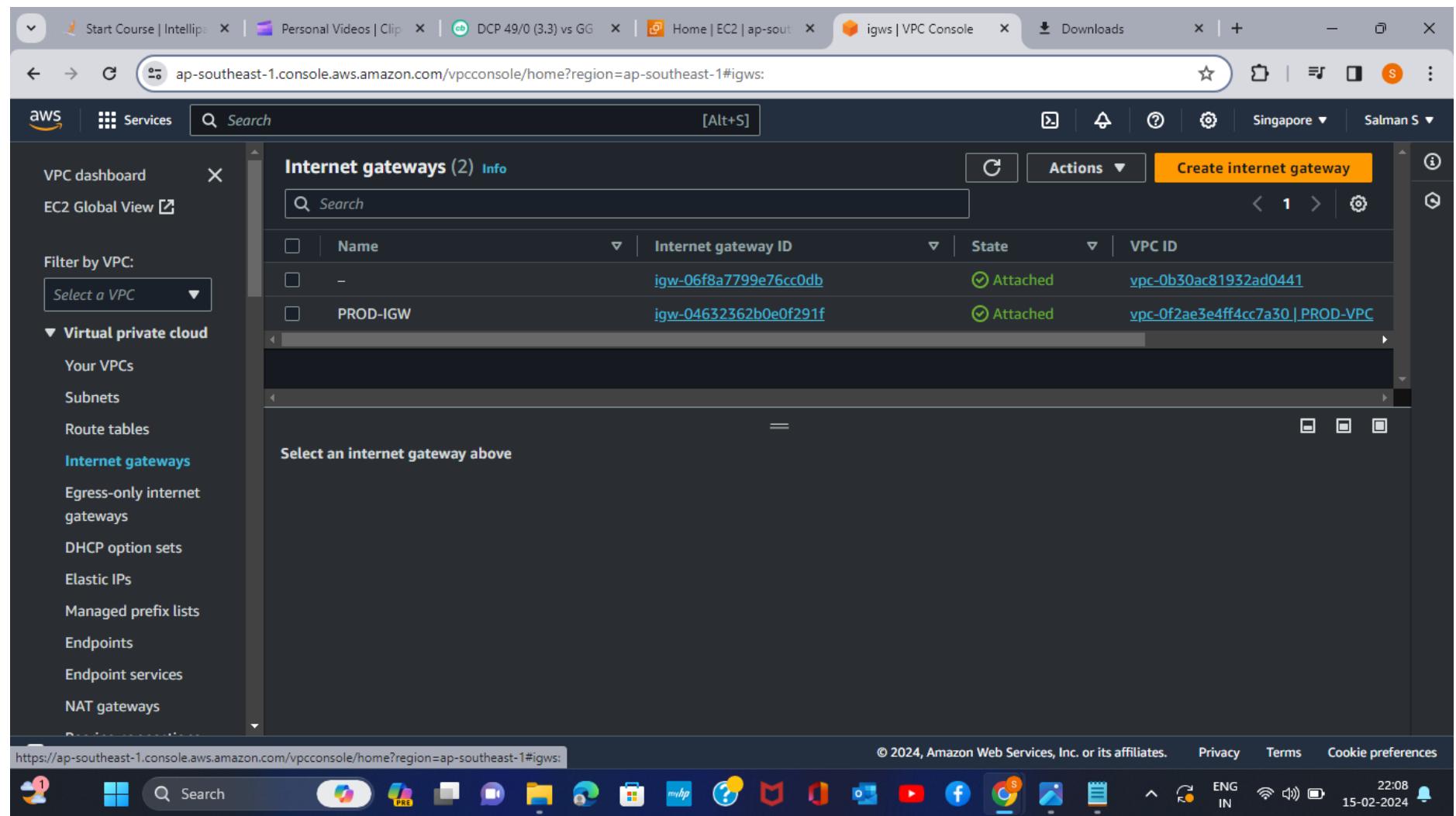
Name	Internet gateway ID	State	VPC ID
-	igw-06f8a7799e76cc0db	Attached	vpc-0b30ac81932ad0441
PROD-IGW	igw-04632362b0e0f291f	Attached	vpc-0f2ae3e4ff4cc7a30   PROD-VPC

Select an internet gateway above

https://ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#igws: © 2024, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Search

22:08 ENG IN 15-02-2024

A screenshot of the AWS VPC Internet Gateways console. The left sidebar shows navigation options like VPC dashboard, EC2 Global View, and various VPC components. The main area is titled 'Internet gateways (2)' and displays a table with two rows. The first row has a blank name field, the ID 'igw-06f8a7799e76cc0db', and is 'Attached' to VPC 'vpc-0b30ac81932ad0441'. The second row has the name 'PROD-IGW', the ID 'igw-04632362b0e0f291f', and is also 'Attached' to VPC 'vpc-0f2ae3e4ff4cc7a30 | PROD-VPC'. A large button at the bottom says 'Select an internet gateway above'. The browser address bar shows the URL for the AWS VPC console.



Screenshot of the AWS VPC Subnets console page for the ap-southeast-1 region.

The left sidebar shows the VPC dashboard and EC2 Global View, with a "Virtual private cloud" section expanded, showing options like Your VPCs, Subnets, Route tables, Internet gateways, Egress-only internet gateways, DHCP option sets, Elastic IPs, Managed prefix lists, Endpoints, Endpoint services, and NAT gateways.

The main content area displays the "Subnets (1/8)" table:

Name	Subnet ID	State	VPC	IPv4
-	subnet-0ce1fe29e3e438ed1	Available	vpc-0b30ac81932ad0441	172.31.1.0/24
-	subnet-0eae2ba118b6b57bc	Available	vpc-0b30ac81932ad0441	172.31.2.0/24
-	subnet-03ebba2cee53813c8	Available	vpc-0b30ac81932ad0441	172.31.3.0/24
PROD-APP-1	subnet-04d29c070a13ffeb6	Available	vpc-0f2ae3e4ff4cc7a30   PROD-APP-1	10.0.1.0/24
PROD-DBCACHE	subnet-0ae90beab6c2e0a2d	Available	vpc-0f2ae3e4ff4cc7a30   PROD-DBCACHE	10.0.2.0/24
PROD-WEB	subnet-0c35160871ec184af	Available	vpc-0f2ae3e4ff4cc7a30   PROD-WEB	10.0.3.0/24
PROD-DB	subnet-03b940032dc523a5d	Available	vpc-0f2ae3e4ff4cc7a30   PROD-DB	10.0.4.0/24
PROD-APP-2	subnet-083d23592d6427214	Available	vpc-0f2ae3e4ff4cc7a30   PROD-APP-2	10.0.5.0/24

The "PROD-APP-2" subnet is selected, indicated by a checked checkbox in the first column.

At the bottom, there are links for CloudShell, Feedback, and a footer with copyright information, privacy terms, and cookie preferences.

Screenshot of the AWS EC2 Instances page showing three running t2.micro instances: PROD-DB, PROD-APP-1, and PROD-WEB.

The PROD-WEB instance is selected, displaying its detailed information.

Instance Details:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
PROD-DB	i-0b7dc8287ab51284f	Running	t2.micro	Initializing	View alarms	ap-southeast-1c
PROD-APP-1	i-05d25f08a4a086eee	Running	t2.micro	2/2 checks passed	View alarms	ap-southeast-1c
PROD-WEB	i-0639f41f2671b714e	Running	t2.micro	-	View alarms	ap-southeast-1c

Instance Summary:

- Details
- Status and alarms New
- Monitoring
- Security
- Networking
- Storage
- Tags

Bottom navigation bar:

- CloudShell
- Feedback
- Search
- Recent icons (e.g., Microsoft Word, Excel, Powerpoint, Edge, File Explorer)
- System status (Wi-Fi, Battery, Volume)
- ENG IN
- 22:20
- 15-02-2024

The screenshot shows a browser-based AWS CloudShell interface. At the top, there are several tabs: "Start Course | Int.", "Personal Videos", "DCP 76/0 (6.4) v", "Instances | EC2", "EC2 Instance Co...", "vpcs | VPC Cons...", "Downloads", and a blank tab. The main content area has a dark background with white text. It displays a welcome message for Amazon Linux 2023, followed by a series of symbols forming a stylized tree or root logo. Below this, a terminal session is shown:

```
#  
~\_ ##### Amazon Linux 2023  
~~ \####\|  
~~ \|#/|  
~~ \|/ \| https://aws.amazon.com/linux/amazon-linux-2023  
~~ \|/ \|>  
~~ \| /  
~~ \| / /  
~/m/  
[ec2-user@ip-10-0-5-186 ~]$ sudo yum upgrade  
Last metadata expiration check: 0:06:49 ago on Thu Feb 15 16:49:07 2024.  
Dependencies resolved.  
Nothing to do.  
Complete!  
[ec2-user@ip-10-0-5-186 ~]$ ping www.amazon.com  
PING d3ag4hukkh62yn.cloudfront.net (108.158.0.60) 56(84) bytes of data.  
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=1 ttl=243 time=0.818 ms  
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=2 ttl=243 time=0.849 ms  
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=3 ttl=243 time=0.863 ms
```

Below the terminal, a modal window titled "i-0639f41f2671b714e (PROD-WEB)" is displayed, showing "PublicIPs: 13.251.45.242" and "PrivateIPs: 10.0.5.186".

The bottom navigation bar includes links for "CloudShell", "Feedback", "Search", and various application icons. The status bar at the bottom right shows the date "15-02-2024", the time "22:26", and connectivity information.

The screenshot shows the AWS EC2 Instances page with three instances listed:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone
PROD-WEB	i-0639f41f2671b714e	Running	t2.micro	2/2 checks passed	View alarms	ap-southeast-1
PROD-DB	i-0b7dc8287ab51284f	Running	t2.micro	2/2 checks passed	View alarms	ap-southeast-1
PROD-APP-1	i-05d25f08a4a086eee	Running	t2.micro	2/2 checks passed	View alarms	ap-southeast-1

Details for the selected instance (PROD-WEB) are shown:

**Instance: i-0639f41f2671b714e (PROD-WEB)**

**Details** **Status and alarms New** **Monitoring** **Security** **Networking** **Storage** **Tags**

**Instance summary**

Instance ID	Public IPv4 address	Private IPv4 addresses
i-0639f41f2671b714e (PROD-WEB)	13.251.45.242   open address	10.0.5.186
IPv6 address	Instance state	Public IPv4 DNS
-	Running	-
Hostname type	Private IP DNS name (IPv4 only)	
IP name: in-10-0-5-186.ap-southeast-	in-10-0-5-186.ap-southeast-	

The screenshot shows a browser-based AWS CloudShell interface. The terminal window displays the following command-line session:

```
#  
~\_ ##### Amazon Linux 2023  
~~ \###\$|  
~~ \#/ https://aws.amazon.com/linux/amazon-linux-2023  
~~ V~'`->  
~~ /  
~~.-/ /  
~/m/  
[ec2-user@ip-10-0-5-186 ~]$ sudo yum upgrade  
Last metadata expiration check: 0:06:49 ago on Thu Feb 15 16:49:07 2024.  
Dependencies resolved.  
Nothing to do.  
Complete!  
[ec2-user@ip-10-0-5-186 ~]$ ping www.amazon.com  
PING d3ag4hukkh62yn.cloudfront.net (108.158.0.60) 56(84) bytes of data.  
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=1 ttl=243 time=0.818 ms  
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=2 ttl=243 time=0.849 ms  
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=3 ttl=243 time=0.863 ms  
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=4 ttl=243 time=0.844 ms  
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=5 ttl=243 time=0.808 ms  
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=6 ttl=243 time=0.891 ms  
^C  
--- d3ag4hukkh62yn.cloudfront.net ping statistics ---  
6 packets transmitted, 6 received, 0% packet loss, time 5009ms  
rtt min/avg/max/mdev = 0.808/0.845/0.891/0.027 ms  
[ec2-user@ip-10-0-5-186 ~]$ sudo nano test.pem  
[ec2-user@ip-10-0-5-186 ~]$
```

The browser tabs at the top include "Start Course | Int", "Personal Videos", "DCP 76/0 (6.4)", "Instances | EC2", "vpcs | VPC Cons", "EC2 Instance Co", "Downloads", and several others. The bottom navigation bar includes links for "CloudShell", "Feedback", "Search", and various system icons.

The screenshot shows a browser-based AWS CloudShell interface. The terminal window displays a series of commands and their outputs:

```
# Amazon Linux 2023
# https://aws.amazon.com/linux/amazon-linux-2023
#
[ec2-user@ip-10-0-5-186 ~]$ sudo yum upgrade
Last metadata expiration check: 0:06:49 ago on Thu Feb 15 16:49:07 2024.
Dependencies resolved.
Nothing to do.
Complete!
[ec2-user@ip-10-0-5-186 ~]$ ping www.amazon.com
PING d3ag4hukkh62yn.cloudfront.net (108.158.0.60) 56(84) bytes of data.
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=1 ttl=243 time=0.818 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=2 ttl=243 time=0.849 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=3 ttl=243 time=0.863 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=4 ttl=243 time=0.844 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=5 ttl=243 time=0.808 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=6 ttl=243 time=0.891 ms
^C
--- d3ag4hukkh62yn.cloudfront.net ping statistics ---
6 packets transmitted, 6 received, 0% packet loss, time 5009ms
rtt min/avg/max/mdev = 0.808/0.845/0.891/0.027 ms
[ec2-user@ip-10-0-5-186 ~]$ sudo nano test.pem
[ec2-user@ip-10-0-5-186 ~]$ sudo chmod 400 test.pem
[ec2-user@ip-10-0-5-186 ~]$
```

At the bottom of the terminal window, there is a footer bar with various icons and links:

- CloudShell
- Feedback
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- Privacy
- Terms
- Cookie preferences

On the far right of the footer bar, it shows the date and time: 22:28 15-02-2024.

Screenshot of the AWS EC2 Instances page showing three running instances: PROD-WEB, PROD-DB, and PROD-APP-1.

The PROD-APP-1 instance is selected, and its details are displayed in the main pane.

**Instances (1/3) Info**

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability zone
PROD-WEB	i-0639f41f2671b714e	Running	t2.micro	2/2 checks passed	View alarms	ap-southeast-1a
PROD-DB	i-0b7dc8287ab51284f	Running	t2.micro	2/2 checks passed	View alarms	ap-southeast-1a
<b>PROD-APP-1</b>	<b>i-05d25f08a4a086eee</b>	<b>Running</b>	<b>t2.micro</b>	<b>2/2 checks passed</b>	<b>View alarms</b>	<b>ap-southeast-1a</b>

**Instance: i-05d25f08a4a086eee (PROD-APP-1)**

**Details** **Status and alarms New** **Monitoring** **Security** **Networking** **Storage** **Tags**

**Instance summary**

Instance ID i-05d25f08a4a086eee (PROD-APP-1)	Public IPv4 address -	Private IPv4 addresses 10.0.1.5
IPv6 address -	Instance state Running	Public IPv4 DNS -
Hostname type IP name: in-10-0-1-5.ap-southeast-1.compute.internal	Private IP DNS name (IPv4 only) in-10-0-1-5.ap-southeast-1.compute.internal	

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1 22:29 ENG IN 15-02-2024

```
[ec2-user@ip-10-0-5-186 ~]$ ping www.amazon.com
PING d3ag4hukkh62yn.cloudfront.net (108.158.0.60) 56(84) bytes of data.
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=1 ttl=243 time=0.818 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=2 ttl=243 time=0.849 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=3 ttl=243 time=0.863 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=4 ttl=243 time=0.844 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=5 ttl=243 time=0.808 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=6 ttl=243 time=0.891 ms
^C
--- d3ag4hukkh62yn.cloudfront.net ping statistics ---
6 packets transmitted, 6 received, 0% packet loss, time 5009ms
rtt min/avg/max/mdev = 0.808/0.845/0.891/0.027 ms
[ec2-user@ip-10-0-5-186 ~]$ sudo nano test.pem
[ec2-user@ip-10-0-5-186 ~]$ sudo chmod 400 test.pem
[ec2-user@ip-10-0-5-186 ~]$ sudo ssh -i test.pem ec2-user@10.0.1.5
The authenticity of host '10.0.1.5 (10.0.1.5)' can't be established.
ED25519 key fingerprint is SHA256:gfmI+c0or3yaudB4ck/HRyjUnkg5Zz25DjxBp3Ixzc4.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.0.1.5' (ED25519) to the list of known hosts.

          #
  ~\_\####_      Amazon Linux 2023
~~ \_\####\ \
~~   \|##| \
~~     \|/   https://aws.amazon.com/linux/amazon-linux-2023
~~       v~' .-->
~~~           /
~~~. . / . / \
~~~. / . / \
~~~. / . / \
[ec2-user@ip-10-0-1-5 ~]$
```

The screenshot shows the AWS VPC console interface. The left sidebar is titled "Virtual private cloud" and includes options like "Your VPCs", "Subnets", "Route tables", "Internet gateways", "Egress-only internet gateways", "DHCP option sets", "Elastic IPs", "Managed prefix lists", "Endpoints", "Endpoint services", and "NAT gateways". The main content area is titled "Your VPCs (3)" and displays a table with the following data:

<input type="checkbox"/>	Name	VPC ID	State	IPv4 CIDR	IPv6 CIDR
<input type="checkbox"/>	-	vpc-0b30ac81932ad0441	Available	172.31.0.0/16	-
<input type="checkbox"/>	PROD-VPC	vpc-0f2ae3e4ff4cc7a30	Available	10.0.0.0/16	-
<input type="checkbox"/>	DEV-VPC	vpc-0e0aa0098cf05878d	Available	40.0.0.0/16	-

A message at the bottom of the table says "Select a VPC above". The top navigation bar shows the URL as "ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#vpcs:".

Start Course | Int x | Personal Videos x | DCP 88/0 (8) vs x | Instances | EC2 x | subnets | VPC Co x | EC2 Instance Co x | Downloads x | + | - | S

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#subnets:

VPC dashboard X | Services | Search [Alt+S] | S | Singapore | Salman S

You have successfully created 2 subnets: subnet-06b19180134f84474, subnet-0c70b995a339d9d7b

Subnets (10) Info | Actions ▾ | Create subnet | Find resources by attribute or tag | < 1 > | S

<input type="checkbox"/>	Name	Subnet ID	State	VPC	IPv4
<input type="checkbox"/>	-	subnet-0ce1fe29e3e438ed1	Available	vpc-0b30ac81932ad0441	172.31.1.0/24
<input type="checkbox"/>	-	subnet-0eae2ba118b6b57bc	Available	vpc-0b30ac81932ad0441	172.31.2.0/24
<input type="checkbox"/>	-	subnet-03ebba2cee53813c8	Available	vpc-0b30ac81932ad0441	172.31.3.0/24
<input type="checkbox"/>	PROD-APP-1	subnet-04d29c070a13ffeb6	Available	vpc-0f2ae3e4ff4cc7a30   PROD...	10.0.0.0/24
<input type="checkbox"/>	PROD-DBCACHE	subnet-0ae90beab6c2e0a2d	Available	vpc-0f2ae3e4ff4cc7a30   PROD...	10.0.0.0/24
<input type="checkbox"/>	PROD-WEB	subnet-0c35160871ec184af	Available	vpc-0f2ae3e4ff4cc7a30   PROD...	10.0.0.0/24
<input type="checkbox"/>	PROD-DB	subnet-03b940032dc523a5d	Available	vpc-0f2ae3e4ff4cc7a30   PROD...	10.0.0.0/24
<input type="checkbox"/>	PROD-APP-2	subnet-083d23592d6427214	Available	vpc-0f2ae3e4ff4cc7a30   PROD...	10.0.0.0/24
<input type="checkbox"/>	DEV-DB2	subnet-0c70b995a339d9d7b	Available	vpc-0e0aa0098cf05878d   DEV...	40.0.0.0/24
<input type="checkbox"/>	DEV-WEB2	subnet-06b19180134f84474	Available	vpc-0e0aa0098cf05878d   DEV...	40.0.0.0/24

Start Course | Int. | Personal Videos | DCP 89/0 (8.1) | Instances | EC2 | RouteTableDetails | EC2 Instance Co... | Downloads | - | + | Singapore | Salman S

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#RouteTableDetails:RouteTableId=rtb-0a73e37703a651b53

VPC dashboard | EC2 Global View

Filter by VPC: Select a VPC | Virtual private cloud | Your VPCs | Subnets | Route tables | Internet gateways | Egress-only internet gateways | DHCP option sets | Elastic IPs | Managed prefix lists | Endpoints | Endpoint services | NAT gateways

Updated routes for rtb-0a73e37703a651b53 / DEV-IGW successfully

Details Info

Route table ID rtb-0a73e37703a651b53	Main No	Explicit subnet associations -	Edge associations -
VPC vpc-0e0aa0098cf05878d   DEV-VPC	Owner ID 211125783778		

Routes Subnet associations Edge associations Route propagation Tags

Routes (2)

Destination	Target	Status	Propagated
0.0.0.0/0	igw-0359bb58687b71120	Active	No
40.0.0.0/16	local	Active	No

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1 Search ENG IN 22:34 15-02-2024

Start Course | Int. | Personal Videos | DCP 94/0 (9.5) v | Instances | EC2 | PeeringConnecti | EC2 Instance Co | Downloads | - | + | X

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#PeeringConnections:

AWS Services Search [Alt+S] Singapore Salman S

VPC dashboard EC2 Global View X

Filter by VPC: Select a VPC ▾

Virtual private cloud

- Your VPC
- Subnets
- Route tables
- Internet gateways
- Egress-only internet gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints
- Endpoint services
- NAT gateways

Your VPC peering connection (pcx-068f09e01bf2219e1 / Prod-Dev-peer) has been established.

To send and receive traffic across this VPC peering connection, you must add a route to the peered VPC in one or more of your VPC route tables.

Modify my route tables now

Peering connections (1/2) Info Actions Create peering connection

Name	Peering connection ID	Status	Requester VPC	Accepter VPC
-	pcx-02d54fcc0bd06ed07	Deleted	vpc-0f69ee1e22318edd0	vpc-0
Prod-Dev-peer	pcx-068f09e01bf2219e1	Active	vpc-0f2ae3e4ff4cc7a30 / PROD...	vpc-0

pcx-02d54fcc0bd06ed07 / PROD-DEV\_PEER

Details ClassicLink DNS Route tables Tags

Requester owner ID Acceptor owner ID VPC Peering connection ARN

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Search

22:41 ENG IN 15-02-2024

The screenshot shows the AWS VPC Peering Connections console in the ap-southeast-1 region. A prominent green notification bar at the top indicates that a peering connection named 'Prod-Dev-peer' has been successfully established. The main table displays two entries: one that has been deleted and another that is currently active. The active connection's details are expanded, showing the requester and accepter owner IDs, and the VPC Peering connection ARN. The bottom navigation bar includes links for CloudShell, Feedback, and various AWS services like Lambda, S3, and CloudWatch.

Start Course | Int. | Personal Videos | DCP 89/0 (8.2) | Instances | EC2 | RouteTableDetails | EC2 Instance Co... | Downloads | - | + | ×

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#RouteTableDetails:RouteTableId=rtb-0a73e37703a651b53

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VPC dashboard EC2 Global View

Filter by VPC: Select a VPC

Virtual private cloud Your VPCs Subnets

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

Details Info

You have successfully updated subnet associations for rtb-0a73e37703a651b53 / DEV-IGW.

Route table ID: rtb-0a73e37703a651b53 Main: No Explicit subnet associations: subnet-06b19180134f84474 / DEV-WEB2 Edge associations: -

VPC: [vpc-0e0aa0098cf05878d](#) | DEV- VPC Owner ID: 211125783778

Routes Subnet associations Edge associations Route propagation Tags

Explicit subnet associations (1)

Edit subnet associations < 1 > ⌂

Name	Subnet ID	IPv4 CIDR	IPv6 CIDR
DEV-WEB2	<a href="#">subnet-06b19180134f84474</a>	40.0.1.0/24	-

Subnets without explicit associations (1)

Edit subnet associations < 1 > ⌂

The following subnets have not been explicitly associated with any route tables and are therefore associated with the main route table:

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1 Search ⌂ myhp M 22:35 ENG IN 15-02-2024

This screenshot shows the AWS VPC Route Table Details page for a specific route table. A green success message at the top indicates that subnet associations have been updated. The main table displays route table details like ID, VPC, and owner. Below this, two sections show subnet associations: one for explicitly associated subnets (DEV-WEB2) and another for subnets without explicit associations (none listed). The interface includes navigation buttons, search fields, and standard browser controls.

Updated routes for rtb-0643a825cd7159aff / PROD-DEV-RT successfully

Details

Route table ID	Main	Explicit subnet associations	Edge associations
rtb-0643a825cd7159aff	No	-	-
VPC	Owner ID		
vpc-0f2ae3e4ff4cc7a30   PROD-VPC	211125783778		

Routes Subnet associations Edge associations Route propagation Tags

Both Edit routes

Filter routes

Destination	Target	Status	Propagated
10.0.0.0/16	local	Active	No
40.0.2.0/24	pxc-068f09e01bf2219e1	Active	No



Start Course | Personal Video | DCP 98/1 (11) | Instances | subnets | RouteTable | EC2 Instance | Downloads | + | - | CloudShell | Feedback | © 2024, Amazon Web Services, Inc. or its affiliates. | Privacy | Terms | Cookie preferences

ap-southeast-1.console.aws.amazon.com/vpcconsole/home?region=ap-southeast-1#RouteTableDetails:RouteTableId=rtb-052140c4aed79fa88

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VPC dashboard X

EC2 Global View X

Filter by VPC:  
Select a VPC ▾

Virtual private cloud

- Your VPCs
- Subnets
- Route tables**
- Internet gateways
- Egress-only internet gateways
- DHCP option sets
- Elastic IPs
- Managed prefix lists
- Endpoints
- Endpoint services
- NAT gateways

Updated routes for rtb-052140c4aed79fa88 / DEV-PROD-RT successfully

Details Info

Route table ID <a href="#">rtb-052140c4aed79fa88</a>	Main <input type="checkbox"/> No	Explicit subnet associations -	Edge associations -
VPC <a href="#">vpc-0e0aa0098cf05878d   DEV- VPC</a>	Owner ID <a href="#">211125783778</a>		

Routes Subnet associations Edge associations Route propagation Tags

Routes (2)

Destination	Target	Status	Propagated
10.0.3.0/24	<a href="#">pxc-068f09e01bf2219e1</a>	Active	No
40.0.0.0/16	local	Active	No

Both ▾ Edit routes < 1 > ⚙

The screenshot shows a browser-based AWS CloudShell interface. The terminal window displays a series of commands and their outputs:

```
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=4 ttl=243 time=0.844 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=5 ttl=243 time=0.808 ms
64 bytes from server-108-158-0-60.sin2.r.cloudfront.net (108.158.0.60): icmp_seq=6 ttl=243 time=0.891 ms
^C
--- d3ag4hukkh62yn.cloudfront.net ping statistics ---
6 packets transmitted, 6 received, 0% packet loss, time 5009ms
rtt min/avg/max/mdev = 0.808/0.845/0.891/0.027 ms
[ec2-user@ip-10-0-5-186 ~]$ sudo nano test.pem
[ec2-user@ip-10-0-5-186 ~]$ sudo chmod 400 test.pem
[ec2-user@ip-10-0-5-186 ~]$ sudo ssh -i test.pem ec2-user@10.0.1.5
The authenticity of host '10.0.1.5 (10.0.1.5)' can't be established.
ED25519 key fingerprint is SHA256:gfmI+c0r3yaudB4ck/HRyjUnkg5Zz25DjxBp3IxzcZ4.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.0.1.5' (ED25519) to the list of known hosts.
,
~\_ #####      Amazon Linux 2023
~~ \####\$\
~~ \##\$|
~~   \$/ .__ https://aws.amazon.com/linux/amazon-linux-2023
~~   V~' .->
~~/
~~-. / /
~/m/,/
[ec2-user@ip-10-0-1-5 ~]$ EXIT
-bash: EXIT: command not found
[ec2-user@ip-10-0-1-5 ~]$ exit
logout
Connection to 10.0.1.5 closed.
[ec2-user@ip-10-0-5-186 ~]$
```

The terminal also shows a stylized tree diagram representing the AWS logo.

Below the terminal, the CloudShell navigation bar includes links for CloudShell, Feedback, and various AWS services like Personal Video, DCP 98/1, Instances, Subnets, RouteTable, EC2 Instance, and Downloads. The bottom status bar shows the date (15-02-2024), time (22:49), and language (ENG IN).

Start Course | Personal Vid | DCP 98/1 (12 | Instances | subnets | RouteTable | EC2 Instance | Downloads | + | - | S | :)

ap-southeast-1.console.aws.amazon.com/ec2/home?region=ap-southeast-1#Instances:

AWS Services Search [Alt+S] Singapore Salman S

EC2 Dashboard EC2 Global View Events Instances Instances Instance Types Launch Templates Spot Requests Savings Plans Reserved Instances Dedicated Hosts Capacity Reservations New Images AMIs AMI Catalog Elastic Block Store Hostname type

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Instances (1/5) Info C Connect Instance state Actions Launch instances

Find Instance by attribute or tag (case-sensitive)

Any state

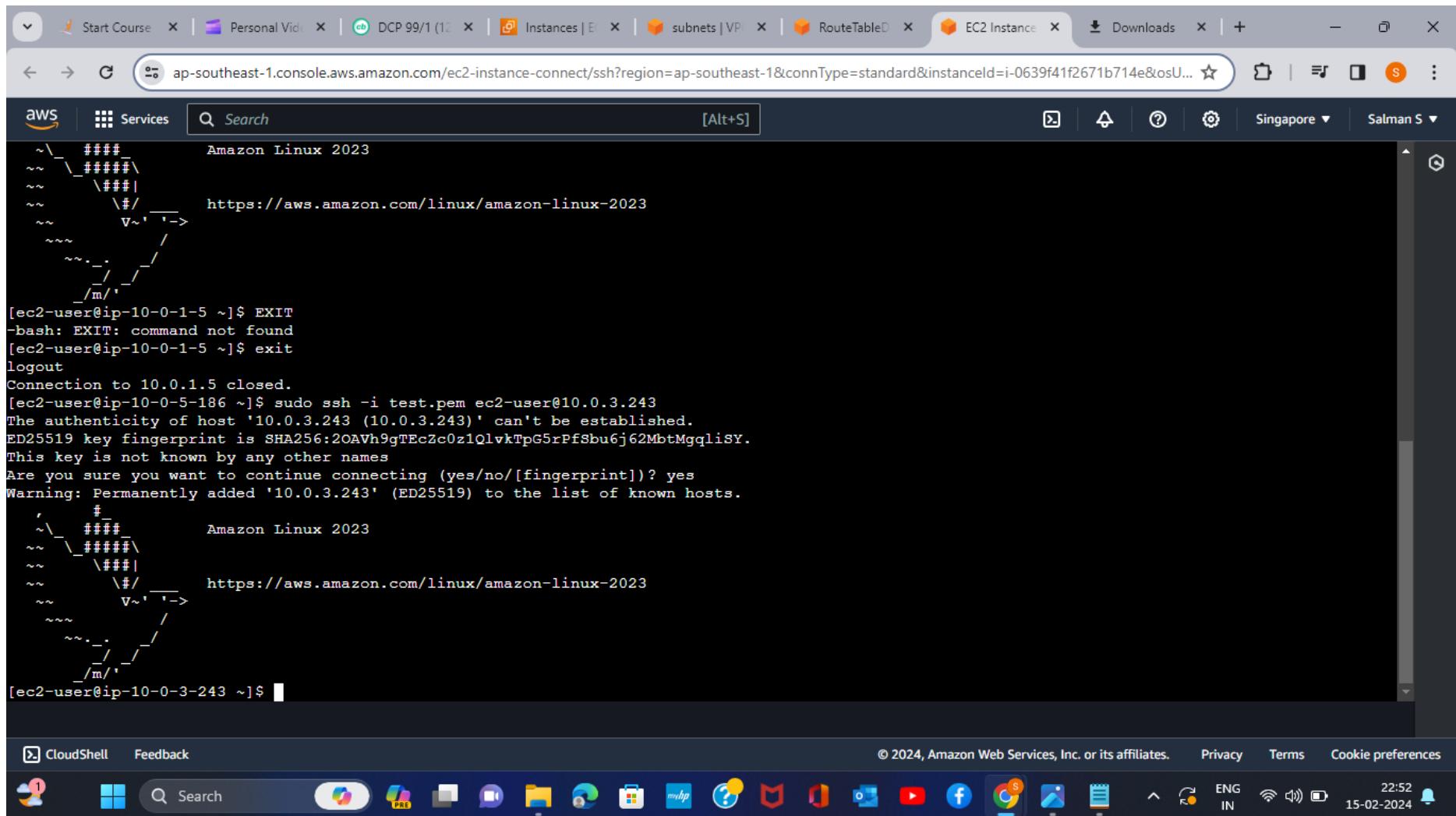
Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
PROD-DB	i-0b7dc8287ab51284f	Running	t2.micro	2/2 checks passed	View alarms +	ap-southeast-1
PROD-APP-1	i-05d25f08a4a086eee	Running	t2.micro	2/2 checks passed	View alarms +	ap-southeast-1
PROD-WEB	i-0639f41f2671b714e	Running	t2.micro	2/2 checks passed	View alarms +	ap-southeast-1
DEV-WEB2	i-029751d0e678cb257	Running	t2.micro	Initializing	View alarms +	ap-southeast-1
DEV-DB2	i-0757cd853d4957d70	Running	t2.micro	-	View alarms +	ap-southeast-1

Instance: i-0b7dc8287ab51284f (PROD-DB)

instance summary Public IPv4 address: 10.0.3.243 Instance state: Running Private IP DNS name (IPv4 only):

Public IPv4 DNS: -

Public IPv4 addresses: 10.0.3.243



S Start Course | Personal Vid | DCP 100/1 | Instances | subnets | RouteTable | EC2 Instance | Downloads | +

ap-southeast-1.console.aws.amazon.com/ec2/home?region=ap-southeast-1#Instances:

aws Services Search [Alt+S] Instances (1/5) Info C Connect Instance state Actions Launch instances ▾

Find Instance by attribute or tag (case-sensitive)

Any state

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability
PROD-DB	i-0b7dc8287ab51284f	Running	t2.micro	2/2 checks passed	<a href="#">View alarms</a> +	ap-southeast-1
PROD-APP-1	i-05d25f08a4a086eee	Running	t2.micro	2/2 checks passed	<a href="#">View alarms</a> +	ap-southeast-1
PROD-WEB	i-0639f41f2671b714e	Running	t2.micro	2/2 checks passed	<a href="#">View alarms</a> +	ap-southeast-1
DEV-WEB2	i-029751d0e678cb257	Running	t2.micro	Initializing	<a href="#">View alarms</a> +	ap-southeast-1
DEV-DB2	i-0757cd853d4957d70	Running	t2.micro	-	<a href="#">View alarms</a> +	ap-southeast-1

Instance: i-0757cd853d4957d70 (DEV-DB2)

Details Status and alarms New Monitoring Security Networking Storage Tags

Instance summary Info

Instance ID i-0757cd853d4957d70 (DEV-DB2)	Public IPv4 address -	Private IPv4 addresses 40.0.2.198
--	--------------------------	--------------------------------------

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1 Search PRE

The screenshot shows a web browser window with multiple tabs open at the top, including "Start Course", "Personal Vid...", "DCP 100/1", "Instances | E...", "subnets | VP...", "RouteTableD", "EC2 Instance", and "Downloads". The main content area is a terminal window titled "AWS Services" with a search bar and a "CloudShell" button. The terminal output is as follows:

```
[ec2-user@ip-10-0-5-186 ~]$ sudo ssh -i test.pem ec2-user@10.0.3.243
The authenticity of host '10.0.3.243 (10.0.3.243)' can't be established.
ED25519 key fingerprint is SHA256:20AVh9gTEcZc0z1QlvkTpG5rPfSbu6j62MbtMgqlisy.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.0.3.243' (ED25519) to the list of known hosts.

      #_
     ~\_ ##### Amazon Linux 2023
    ~~ \#####\
    ~~ \###|
    ~~  \#/   https://aws.amazon.com/linux/amazon-linux-2023
    ~~   V~`-->
    ~~~   /
    ~~~-. /-
    /m/`,

[ec2-user@ip-10-0-3-243 ~]$ ping 40.0.2.198
PING 40.0.2.198 (40.0.2.198) 56(84) bytes of data.
64 bytes from 40.0.2.198: icmp_seq=1 ttl=64 time=1.11 ms
64 bytes from 40.0.2.198: icmp_seq=2 ttl=64 time=0.937 ms
64 bytes from 40.0.2.198: icmp_seq=3 ttl=64 time=0.787 ms
64 bytes from 40.0.2.198: icmp_seq=4 ttl=64 time=0.889 ms
64 bytes from 40.0.2.198: icmp_seq=5 ttl=64 time=0.825 ms
64 bytes from 40.0.2.198: icmp_seq=6 ttl=64 time=0.724 ms
64 bytes from 40.0.2.198: icmp_seq=7 ttl=64 time=0.809 ms
64 bytes from 40.0.2.198: icmp_seq=8 ttl=64 time=0.805 ms
64 bytes from 40.0.2.198: icmp_seq=9 ttl=64 time=0.816 ms
64 bytes from 40.0.2.198: icmp_seq=10 ttl=64 time=0.785 ms
64 bytes from 40.0.2.198: icmp_seq=11 ttl=64 time=0.760 ms
64 bytes from 40.0.2.198: icmp_seq=12 ttl=64 time=0.830 ms
```

At the bottom, there are various icons for file operations, a search bar, and system status indicators like battery level, signal strength, and date/time (22:53, 15-02-2024). The footer includes links for "CloudShell", "Feedback", "© 2024, Amazon Web Services, Inc. or its affiliates.", "Privacy", "Terms", and "Cookie preferences".

The screenshot shows a terminal window within the AWS CloudShell interface. The terminal is running on an EC2 instance with the IP address 40.0.2.198. The user has run the command `ping 40.0.2.198`, which has returned 25 successful responses. The output is as follows:

```
[ec2-user@ip-10-0-3-243 ~]$ ping 40.0.2.198
PING 40.0.2.198 (40.0.2.198) 56(84) bytes of data.
64 bytes from 40.0.2.198: icmp_seq=1 ttl=64 time=1.11 ms
64 bytes from 40.0.2.198: icmp_seq=2 ttl=64 time=0.937 ms
64 bytes from 40.0.2.198: icmp_seq=3 ttl=64 time=0.787 ms
64 bytes from 40.0.2.198: icmp_seq=4 ttl=64 time=0.889 ms
64 bytes from 40.0.2.198: icmp_seq=5 ttl=64 time=0.825 ms
64 bytes from 40.0.2.198: icmp_seq=6 ttl=64 time=0.724 ms
64 bytes from 40.0.2.198: icmp_seq=7 ttl=64 time=0.809 ms
64 bytes from 40.0.2.198: icmp_seq=8 ttl=64 time=0.805 ms
64 bytes from 40.0.2.198: icmp_seq=9 ttl=64 time=0.816 ms
64 bytes from 40.0.2.198: icmp_seq=10 ttl=64 time=0.785 ms
64 bytes from 40.0.2.198: icmp_seq=11 ttl=64 time=0.760 ms
64 bytes from 40.0.2.198: icmp_seq=12 ttl=64 time=0.830 ms
64 bytes from 40.0.2.198: icmp_seq=13 ttl=64 time=0.753 ms
64 bytes from 40.0.2.198: icmp_seq=14 ttl=64 time=0.833 ms
64 bytes from 40.0.2.198: icmp_seq=15 ttl=64 time=0.722 ms
64 bytes from 40.0.2.198: icmp_seq=16 ttl=64 time=0.740 ms
64 bytes from 40.0.2.198: icmp_seq=17 ttl=64 time=0.861 ms
64 bytes from 40.0.2.198: icmp_seq=18 ttl=64 time=0.769 ms
64 bytes from 40.0.2.198: icmp_seq=19 ttl=64 time=0.801 ms
64 bytes from 40.0.2.198: icmp_seq=20 ttl=64 time=0.818 ms
64 bytes from 40.0.2.198: icmp_seq=21 ttl=64 time=0.753 ms
64 bytes from 40.0.2.198: icmp_seq=22 ttl=64 time=0.803 ms
64 bytes from 40.0.2.198: icmp_seq=23 ttl=64 time=0.768 ms
64 bytes from 40.0.2.198: icmp_seq=24 ttl=64 time=0.748 ms
64 bytes from 40.0.2.198: icmp_seq=25 ttl=64 time=0.793 ms
```

The terminal also displays a file tree structure at the top of the screen. The bottom of the window contains the standard AWS CloudShell navigation bar with links for CloudShell, Feedback, Search, and various AWS services.

Start Course | Personal Vid... | DCP 100/1 | Instances | subnets | RouteTable | EC2 Instance | Downloads | +

ap-southeast-1.console.aws.amazon.com/ec2-instance-connect/ssh?region=ap-southeast-1&connType=standard&instanceId=i-0639f41f2671b714e&osU... ☆

AWS Services Search [Alt+S]

```
64 bytes from 40.0.2.198: icmp_seq=10 ttl=64 time=0.785 ms
64 bytes from 40.0.2.198: icmp_seq=11 ttl=64 time=0.760 ms
64 bytes from 40.0.2.198: icmp_seq=12 ttl=64 time=0.830 ms
64 bytes from 40.0.2.198: icmp_seq=13 ttl=64 time=0.753 ms
64 bytes from 40.0.2.198: icmp_seq=14 ttl=64 time=0.833 ms
64 bytes from 40.0.2.198: icmp_seq=15 ttl=64 time=0.722 ms
64 bytes from 40.0.2.198: icmp_seq=16 ttl=64 time=0.740 ms
64 bytes from 40.0.2.198: icmp_seq=17 ttl=64 time=0.861 ms
64 bytes from 40.0.2.198: icmp_seq=18 ttl=64 time=0.769 ms
64 bytes from 40.0.2.198: icmp_seq=19 ttl=64 time=0.801 ms
64 bytes from 40.0.2.198: icmp_seq=20 ttl=64 time=0.818 ms
64 bytes from 40.0.2.198: icmp_seq=21 ttl=64 time=0.753 ms
64 bytes from 40.0.2.198: icmp_seq=22 ttl=64 time=0.803 ms
64 bytes from 40.0.2.198: icmp_seq=23 ttl=64 time=0.768 ms
64 bytes from 40.0.2.198: icmp_seq=24 ttl=64 time=0.748 ms
64 bytes from 40.0.2.198: icmp_seq=25 ttl=64 time=0.793 ms
64 bytes from 40.0.2.198: icmp_seq=26 ttl=64 time=0.809 ms
64 bytes from 40.0.2.198: icmp_seq=27 ttl=64 time=0.779 ms
64 bytes from 40.0.2.198: icmp_seq=28 ttl=64 time=0.839 ms
64 bytes from 40.0.2.198: icmp_seq=29 ttl=64 time=0.773 ms
64 bytes from 40.0.2.198: icmp_seq=30 ttl=64 time=0.781 ms
64 bytes from 40.0.2.198: icmp_seq=31 ttl=64 time=3.56 ms
64 bytes from 40.0.2.198: icmp_seq=32 ttl=64 time=0.786 ms
64 bytes from 40.0.2.198: icmp_seq=33 ttl=64 time=0.809 ms
64 bytes from 40.0.2.198: icmp_seq=34 ttl=64 time=0.817 ms
64 bytes from 40.0.2.198: icmp_seq=35 ttl=64 time=0.784 ms
^C
--- 40.0.2.198 ping statistics ---
35 packets transmitted, 35 received, 0% packet loss, time 35147ms
rtt min/avg/max/mdev = 0.722/0.885/3.556/0.463 ms
[ec2-user@ip-10-0-3-243 ~]$
```

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Cloud Shell 1 Search PRE myhp M 22:54 ENG IN 15-02-2024