

Screenshot of the AWS VPC Console showing the 'Your VPCs' page.

The page displays a table of VPCs with the following columns: Name, VPC ID, State, Block Public Access, IPv4 CIDR, and IPv6 CIDR. The table shows two entries:

Name	VPC ID	State	Block Public Access	IPv4 CIDR	IPv6 CIDR
-	vpc-0125c2b61f04b333c	Available	Off	172.31.0.0/16	-
<b>my_vpc</b>	<b>vpc-0df14073d92ecc988</b>	<b>Available</b>	<b>Off</b>	<b>10.0.0.0/16</b>	<b>-</b>

The 'my\_vpc' entry is selected. Below the table, the details for 'vpc-0df14073d92ecc988 / my\_vpc' are shown. The 'Details' tab is selected, displaying the following configuration:

VPC ID	State	Block Public Access	DNS hostnames
vpc-0df14073d92ecc988	Available	Off	Disabled
DNS resolution	Tenancy	DHCP option set	Main route table
Enabled	default	dopt-0ea299fe8b1335586	rtb-0433f0e88347d750b
Main network ACL	Default VPC	IPv4 CIDR	IPv6 pool
10.0.0.0/16	No	10.0.0.0/16	-

Other tabs available include Resource map, CIDRs, Flow logs, Tags, and Integrations.

subnets | VPC Console    VPC | eu-north-1

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

VPC Subnets

VPC dashboard AWS Global View Filter by VPC Virtual private cloud Your VPCs Subnets Route tables Internet gateways Egress-only internet gateways DHCP option sets Elastic IPs Managed prefix lists NAT gateways Peering connections Security Network ACLs Security groups PrivateLink and Lattice CloudShell Feedback

Last updated less than a minute ago Actions Create subnet

Subnets (5) Info

Find subnets by attribute or tag

Name	Subnet ID	State	VPC	Block Public...	IPv4 CIDR
public	subnet-06238aaecaf37bbb5	Available	vpc-0df14073d92ecc988   my...	Off	10.0.1.0/24
-	subnet-0fc2fe68a8fdbf61c	Available	vpc-0125c2b61f04b333c	Off	172.31.0.0/...
-	subnet-0a7751d99d72ae09e	Available	vpc-0125c2b61f04b333c	Off	172.31.32.0
private	subnet-0f9f14ddc6d825f41	Available	vpc-0df14073d92ecc988   my...	Off	10.0.2.0/24
-	subnet-0bb8b545155e6d3de	Available	vpc-0125c2b61f04b333c	Off	172.31.16.0

Select a subnet

Snipping Tool Screenshot copied to clipboard Automatically saved to screenshots folder. Mark-up and share

© 2025, Amazon Web Services, Inc.

3 532281 +109% 12:23 07-10-2025

RouteTables | VPC Console

VPC | eu-north-1

eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#RouteTables:

aws Search [Alt+S]

Account ID: 9473-0977-8595

Balaji R

VPC dashboard < VPC > Route tables

AWS Global View

Filter by VPC

Virtual private cloud

Your VPCs

Subnets

Route tables

Internet gateways

Egress-only internet gateways

DHCP option sets

Elastic IPs

Managed prefix lists

NAT gateways

Peering connections

Security

Network ACLs

Security groups

PrivateLink and Lattice

CloudShell Feedback

© 2025, Amazon Web Services, Inc.

Last updated less than a minute ago

Actions Create route table

Route tables (4) Info

Find route tables by attribute or tag

Name	Route table ID	Explicit subnet associations	Edge associations	Main	VPC
-	<a href="#">rtb-054a52d5a39c137aa</a>	-	-	Yes	<a href="#">vpc-0125c2b61f04b333c</a>
private	<a href="#">rtb-010242e662ef71400</a>	<a href="#">subnet-0f9f14ddc6d825f...</a>	-	No	<a href="#">vpc-0df14073d92ecc988   my</a>
-	<a href="#">rtb-0433f0e88347d750b</a>	-	-	Yes	<a href="#">vpc-0df14073d92ecc988   my</a>
publicroute	<a href="#">rtb-0f352c87e7c9524e4</a>	<a href="#">subnet-06238aaeca37bb...</a>	-	No	<a href="#">vpc-0df14073d92ecc988   my</a>

Select a route table

Snipping Tool

Screenshot copied to clipboard

Automatically saved to screenshots folder.

Mark-up and share

12:23 07-10-2025

aws | VPC Console    VPC | eu-north-1

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

VPC dashboard    Search [Alt+S]

Internet gateways (2) Info

Find internet gateways by attribute or tag

Name	Internet gateway ID	State	VPC ID	Owner
myint	igw-03e6bd63829156a16	Attached	vpc-0df14073d92ecc988   my_vpc	947309778595
-	igw-09f8f82ebddd2156f	Attached	vpc-0125c2b61f04b335c	947309778595

Select an internet gateway above

Snipping Tool  
Screenshot copied to clipboard  
Automatically saved to screenshots folder.  
Mark-up and share

© 2025, Amazon Web Services, Inc.

CloudShell    Feedback

Hot weather Now

Search

12:23 07-10-2025

Elastic IP addresses | VPC Console

VPC | eu-north-1

eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#Addresses:

aws Search [Alt+S]

Account ID: 9473-0977-B595

Balaji R

VPC dashboard < VPC > Elastic IP addresses

AWS Global View Filter by VPC

Virtual private cloud Your VPCs Subnets Route tables Internet gateways Egress-only internet gateways DHCP option sets Elastic IPs Managed prefix lists NAT gateways Peering connections Security Network ACLs Security groups PrivateLink and Lattice CloudShell Feedback

Elastic IP addresses (1) Info

Find elastic IP addresses by attribute or tag

Name	Allocated IPv4 addr...	Type	Allocation ID	Reverse DNS record
-	13.53.118.191	Public IP	eipalloc-019cdc2786543f78c	-

Select an elastic IP address

View IP address usage and recommendations to release unused IPs with [Public IP insights](#)

© 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Hot weather Now

Cloud Shell Search

12:23 IN 07-10-2025

NatGateways | VPC Console    VPC | eu-north-1

eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#NatGateways:

VPC dashboard    VPC > NAT gateways

AWS Global View    Filter by VPC

Virtual private cloud

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

Security

- Network ACLs
- Security groups

PrivateLink and Lattice

CloudShell    Feedback

Hot weather Now

Search [Alt+S]

Actions    Create NAT gateway

NAT gateways (1) Info

Name	NAT gateway ID	Connectivity...	State	State message	Primary public I...	Primary private I...
my nat	nat-04a18a1c0738e2af8	Public	Failed	Network vpc-0df...	-	10.0.1.49

Select a NAT gateway

Snipping Tool

Screenshot copied to clipboard  
Automatically saved to screenshots folder.

Mark-up and share

© 2025, Amazon Web Services, Inc.

ENG IN 07-10-2025 12:24

VPC Console VPC | eu-north-1 eu-north-1.console.aws.amazon.com/vpcconsole/home?region=eu-north-1#SecurityGroups: Account ID: 9473-0977-8595 Balaji R

aws Search [Alt+S] Europe (Stockholm) VPC > Security Groups

**VPC dashboard**

AWS Global View Filter by VPC

**Virtual private cloud**

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

**Security**

- Network ACLs
- Security groups**

**PrivateLink and Lattice**

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Hot weather Now 12:24 ENG IN 07-10-2025

### Security Groups (2/19) Info

Find security groups by attribute or tag

Name	Security group ID	Security group name	VPC ID	Description
-	sg-05c84c75e29bf6d29	launch-wizard-7	vpc-0125c2b61f04b333c	launch-wizard-7
<input checked="" type="checkbox"/>	sg-0776ba0e6e4e5b4b6	pubsgp	vpc-0df14073d92ecc988	pubsgp
-	sg-00cd620d705025470	launch-wizard-5	vpc-0125c2b61f04b333c	launch-wizard-5
-	sg-09382b114081fbefbc	launch-wizard-10	vpc-0125c2b61f04b333c	launch-wizard-10
<input checked="" type="checkbox"/>	sg-036d54716efca5ec5	privatesgp	vpc-0df14073d92ecc988	privatesgp
-	sg-06ab9a193f694aaa2	launch-wizard-15	vpc-0125c2b61f04b333c	launch-wizard-15

Security Groups: sg-0776ba0e6e4e5b4b6, sg-036d54716efca5ec5

Instances | EC2 | eu-north-1 VPC | eu-north-1

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

Search [Alt+S]

Account ID: 9473-0977-8595 Europe (Stockholm) Balaji R

EC2 Instances (2) Info

Find Instance by attribute or tag (case-sensitive)

All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
pubinstance	i-0c326caf9b3bc7546	Running	t3.micro	3/3 checks passed	View alarms +	eu-north-1a	-
privateinstance	i-0139d87b2407ca479	Running	t3.micro	3/3 checks passed	View alarms +	eu-north-1a	-

Select an instance

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Hot weather Now ENG IN 12:24 07-10-2025

EC2 Instances (2) Info

Find Instance by attribute or tag (case-sensitive)

All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IP
pubinstance	i-0c326caf9b3bc7546	Running	t3.micro	3/3 checks passed	View alarms +	eu-north-1a	-
privateinstance	i-0139d87b2407ca479	Running	t3.micro	3/3 checks passed	View alarms +	eu-north-1a	-

Select an instance

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Hot weather Now ENG IN 12:24 07-10-2025

[ec2-user@ip-10-0-1-222 ~]\$ vi bala.pem  
[ec2-user@ip-10-0-1-222 ~]\$ cat bala.pem

```
-----BEGIN RSA PRIVATE KEY-----  
MIIEogIBAAKCAQEAnaNCSSv2sqKeCKWRmikzs0930ecCztaqSn64HIjCG5h5z1Wh  
jFVsje770KeLe9c28cho9TfWPeyrKcIrs2nJvs08rmc712ydkXMZdmF7duUCDjh  
SKZP6kyvskbyqs0jilugkztBXBWD81vnz488z1cqwp65nEykw6eEl4cp+LccKjqg  
/5rfmSYC5iTVQpalb/7h3tdqJdt4cIROBCxPfDRxtk08MtZzedENWE5jeUp3Qmw  
JUEGKFgw0Rfb2Rgy0AXgcB4gtLCKU6fa4F7bjTs5BF1NVRJQ0BR15VAKL092wc  
Eki2SGxlycFSIaiFT7nyV3sYwple5wrX04ejlwIDAQABaoIBAB2Upzn0uANpdJW  
W23IUYUu0un95Edgwon0/rclFP2xViq9pBsM5R0Tr0W05vwXj4ez2Or6IYSRUQ  
+xyITT06GqtsMh9tqrBPeuytbMi7rzo8f1cDDkEr7D0djrU7isszn3eZ6TMxhsy  
TbuodsNRPewFAPuNflWgt8bfEBtQgD65twIJ6Y05GU1LL16r7DSwzFo{jFVARTA  
Tw9Sog60pbM15XGSXS4WH/etjtp0WRfmwNl1pMfp11orqUWBVRNStcj3oiLn40  
newWUNpYKePidB1c4bwK3n1lyfyzh20huj46JpKch10cq40+DXV2YJw7u7YzeG6w  
jt2skQECgYEAyRB3MvZcq+vwyidhsWCqRzrlPE/rL0GYY5o57hLyqj0302kbBLP  
Gup69vL0fk6nmxf5x7De8fN2K3fztmtdh1ZSEn4cyrSitekjMdijyKazancbfo14W  
7jY2+nPsQ2Hi9ALcO1rZQzVJHw2nzs4ffpV4M/HQN7cob0ZAc1g5MECgYEAYlVN  
EDRNpZ6a13SUcJVRFxd6wv+wsgPcVJB/iHFQv5edqCuMkfGGRCldg0Jsv3uAoUm  
vmmJe6ISjdeKeldBoaRd89VWjW8bQq3B1s2t1gIMAPUqKOMyMxbcGUSt/7/oCTLs  
jdMIW28k30dTgClu/nIwgMKbEq3Rbi02H4RH0+0CqyBefFW3Rr4wChjvriMGiJ31L  
JM11FcXSMRn721QjU54DNBi0eOvgMvjqs931m01qNytiZ1i5KRNF0xxmzKmhPhz  
Amjplejt/mFTFWzb05moJt0g63jTjTyjgEKAfKBW3jy5IerV3fcC1bUiadlRPJOR  
mm3JFpxv6P/gAJUS-H+N+XQQKbqA9B1ENL917wthxdvu6TOEpfpzNgHQPG2s2dF+dt  
x1h7fqgrH84&arU055jxWPysw0DYUJUmas1cbfrczkwC0y9fmm9j1qlglbqKEY  
jKz2MwEboRHAsFqA8a8EL5EGC31dbqvj4gh1lqoijyG49qicvs9/bEU7Huvg0mz3FD  
x4XHaccGAvh0q4cKKvgTgnPrgx5uTlV9Gw7X3xJYXThnLcCHmMZAd6wXFa7ZEDcWg  
Iycp0CDkTFcQ7WmViUYK2b8cRA1dKw18E+J6TpuphJ1t7B89BNV+2k1xaafmEj1V  
BKSWo0B1ldDw1vQCig+ks3/UE2gXHsv61lhKPD8hYz+uKC1UqE=
```

**i-0c326caf9b3bc7546 (pubinstance)**

PublicIPs: 56.228.18.53 PrivateIPs: 10.0.1.222

CloudShell Feedback © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences

Air: Moderate Today ENG IN 12:40 07-10-2025

```
BKSWo0B1ldDWlqvQCig+ks3/UE2gXHsv6TlhKPD8hYiz+uKClUqE=
-----END RSA PRIVATE KEY-----
[ec2-user@ip-10-0-1-222 ~]$ chmod 400 bala.pem
[ec2-user@ip-10-0-1-222 ~]$ ssh -i bala.pem ec2-user@10.0.2.170
The authenticity of host '10.0.2.170 (10.0.2.170)' can't be established.
ED25519 key fingerprint is SHA256:+5DS8TRyj6spy0z1/8glfZ7c98GZoHOPKtryTCXxj54.
This key is not known by any other names
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.0.2.170' (ED25519) to the list of known hosts.

      #
 ~\_ #####_          Amazon Linux 2023
 ~~ \#####\
 ~~   \###|
 ~~     \#/  --> https://aws.amazon.com/linux/amazon-linux-2023
 ~~       V~'-->
 ~~~
 ~~ . .
 ~~ /_ /_ /
 ~~ /m/ '
 [ec2-user@ip-10-0-2-170 ~]$ █
```

```
      _\ _###_          Amazon Linux 2023
~~ \_###\ \
~~ \##|
~~ \#/ __  https://aws.amazon.com/linux/amazon-linux-2023
~~ V~' '-'>
~~~ /
~~ ._. / /
~/m/' [ec2-user@ip-10-0-2-170 ~]$ ping 10.0.1.222
PING 10.0.1.222 (10.0.1.222) 56(84) bytes of data.
64 bytes from 10.0.1.222: icmp_seq=1 ttl=127 time=0.174 ms
64 bytes from 10.0.1.222: icmp_seq=2 ttl=127 time=0.162 ms
64 bytes from 10.0.1.222: icmp_seq=3 ttl=127 time=0.174 ms
64 bytes from 10.0.1.222: icmp_seq=4 ttl=127 time=0.207 ms
64 bytes from 10.0.1.222: icmp_seq=5 ttl=127 time=0.163 ms
64 bytes from 10.0.1.222: icmp_seq=6 ttl=127 time=0.162 ms
64 bytes from 10.0.1.222: icmp_seq=7 ttl=127 time=0.206 ms
64 bytes from 10.0.1.222: icmp_seq=8 ttl=127 time=0.284 ms
^C
--- 10.0.1.222 ping statistics ---
8 packets transmitted, 8 received, 0% packet loss, time 7279ms
rtt min/avg/max/mdev = 0.162/0.191/0.284/0.039 ms
[ec2-user@ip-10-0-2-170 ~]$
```