Name	VPC ID	State	Block Public...	IPv4 CIDR	IPv6 CIDR	DHCP option set
☑ vpc-1	vpc-031aac4eff6d0fa85	⊘ Available	⊖ Off	10.0.0.0/21	–	dopt-07b99a47bb9d66...

vpc-031aac4eff6d0fa85 / vpc-1

Details | Resource map | CIDRs | Flow logs | Tags | Integrations

Details

VPC ID
🗐 vpc-031aac4eff6d0fa85

State
⊘ Available

Block Public Access
⊖ Off

DNS hostnames
Enabled

DNS resolution
Enabled

Tenancy
default

DHCP option set
dopt-07b99a47bb9d66b58

Main route table
rtb-0488048b524ab9f7f

Main network ACL
acl-06e3f2301425b22b8

Default VPC
No

IPv4 CIDR
10.0.0.0/21

IPv6 pool
–

IPv6 CIDR (Network border group)
–

Network Address Usage metrics
Disabled

Route 53 Resolver DNS Firewall rule groups
–

Owner ID
🗐 122627526984

	Name	Subnet ID	State	VPC	Block Public...	IPv4 CIDR	IPv6 CIDR
☑	public-subnet	subnet-09b8d16e55080fc43	⊘ Available	vpc-031aac4eff6d0fa85 | vpc-1	⊖ Off	10.0.1.0/24	–
☐	private-subnet	subnet-0979761cfdc2a4d14	⊘ Available	vpc-031aac4eff6d0fa85 | vpc-1	⊖ Off	10.0.0.0/25	–

subnet-09b8d16e55080fc43 / public-subnet

Details | Flow logs | Route table | Network ACL | CIDR reservations | Sharing | Tags

Details

Subnet ID
🗐 subnet-09b8d16e55080fc43

Subnet ARN
🗐 arn:aws:ec2:us-east-1:122627526984:subnet/subnet-09b8d16e55080fc43

State
⊘ Available

Block Public Access
⊖ Off

IPv4 CIDR
🗐 10.0.1.0/24

Available IPv4 addresses
🗐 251

IPv6 CIDR
–

IPv6 CIDR association ID
–

Availability Zone
🗐 us-east-1a

Availability Zone ID
🗐 use1-az6

Network border group
🗐 us-east-1

VPC
vpc-031aac4eff6d0fa85 \| vpc-1

Route table
rtb-0a650af0f516c4e31 \| public-route-table

Network ACL
acl-06e3f2301425b22b8

Default subnet
No

Auto-assign public IPv4 address
Yes

Auto-assign IPv6 address
No

Auto-assign customer-owned IPv4 address
No

Customer-owned IPv4 pool
–

Outpost ID
–

IPv4 CIDR reservations
–

IPv6 CIDR reservations
–

IPv6-only
No

Hostname type
IP name

Resource name DNS A record
Disabled

Resource name DNS AAAA record
Disabled

DNS64
Disabled

Owner
🗐 122627526984

☑ private-subnet	subnet-0979761cfdc2a4d14	⊘ Available	vpc-031aac4eff6d0fa85 | vpc-1	⊖ Off	10.0.0.0/25	–

subnet-0979761cfdc2a4d14 / private-subnet

Details | Flow logs | Route table | Network ACL | CIDR reservations | Sharing | Tags

Details

Subnet ID
🗐 subnet-0979761cfdc2a4d14

Subnet ARN
🗐 arn:aws:ec2:us-east-1:122627526984:subnet/subnet-0979761cfdc2a4d14

State
⊘ Available

Block Public Access
⊖ Off

IPv4 CIDR
🗐 10.0.0.0/25

Available IPv4 addresses
🗐 123

IPv6 CIDR
–

IPv6 CIDR association ID
–

Availability Zone
🗐 us-east-1a

Availability Zone ID
🗐 use1-az6

Network border group
🗐 us-east-1

VPC
vpc-031aac4eff6d0fa85 \| vpc-1

Route table
rtb-0bb49a3eddca474da \| private-route-table

Network ACL
acl-06e3f2301425b22b8

Default subnet
No

Auto-assign public IPv4 address
No

Auto-assign IPv6 address
No

Auto-assign customer-owned IPv4 address
No

Customer-owned IPv4 pool
–

Outpost ID
–

IPv4 CIDR reservations
–

IPv6 CIDR reservations
–

IPv6-only
No

Hostname type
IP name

Resource name DNS A record
Disabled

Resource name DNS AAAA record
Disabled

DNS64
Disabled

Owner
🗐 122627526984

	Name	Route table ID	Explicit subnet associ...
☐	–	rtb-0488048b524ab9f7f	–
☑	public-route-table	rtb-0a650af0f516c4e31	subnet-09b8d16e55080f...
☐	private-route-table	rtb-0bb49a3eddca474da	subnet-0979761cfdc2a4...

tb-0a650af0f516c4e31 / public-route-table

Details | **Routes** | Subnet associations | Edge associations | Route propagation

Routes (2)

🔍 Filter routes

Destination	Target
0.0.0.0/0	igw-0dd2422ee48ddff87
10.0.0.0/21	local

☐	public-route-table	rtb-0a650af0f516c4e31	subnet-09b8d16e5
☑	private-route-table	rtb-0bb49a3eddca474da	subnet-0979761cf

tb-0bb49a3eddca474da / private-route-table

Details | **Routes** | Subnet associations | Edge associations | Route propagatio

Routes (2)

🔍 Filter routes

Destination	Target
0.0.0.0/0	nat-0e3720a0d9ca35100
10.0.0.0/21	local

Instances (1/2) Info

Connect Instance st

	Name ✎	▽	Instance ID	Instance state	▽	Instance type	▽	Status check	Alarm status		Availability Zone	▽	Public IPv4
☑	public		i-025da4224c6d8576c	⊘ Running 🔍 🔍		t2.micro		⊘ 2/2 checks passed	View alarms +		us-east-1a		ec2-18-234
☐	private		i-0726a12aa0de0a4fe	⊘ Running 🔍 🔍		t2.micro		⊘ 2/2 checks passed	View alarms +		us-east-1a		–

i-025da4224c6d8576c (public)

Details Status and alarms Monitoring Security Networking Storage Tags

▼ **Instance summary** Info

Instance ID 📋 i-025da4224c6d8576c	**Public IPv4 address** 📋 18.234.252.172 | open address 🗗	**Private IPv4 addresses** 📋 10.0.1.87
IPv6 address –	**Instance state** ⊘ Running	**Public IPv4 DNS** 📋 ec2-18-234-252-172
Hostname type IP name: ip-10-0-1-87.ec2.internal	**Private IP DNS name (IPv4 only)** 📋 ip-10-0-1-87.ec2.internal	
Answer private resource DNS name –	**Instance type** t2.micro	**Elastic IP addresses** –
Auto-assigned IP address 📋 18.234.252.172 [Public IP]	**VPC ID** 📋 vpc-031aac4eff6d0fa85 (vpc-1) 🗗	**AWS Compute Optimize** ⓘ Opt-in to AWS Compu
IAM Role –	**Subnet ID** 📋 subnet-09b8d16e55080fc43 (public-subnet) 🗗	**Auto Scaling Group nan** –

Instances (1/2) Info

Connect Instance stat

	Name ✎	▽	Instance ID	Instance state	▽	Instance type	▽	Status check	Alarm status		Availability Zone	▽	Public IPv4 DI
☐	public		i-025da4224c6d8576c	⊘ Running 🔍 🔍		t2.micro		⊘ 2/2 checks passed	View alarms +		us-east-1a		ec2-18-234-2!
☑	private		i-0726a12aa0de0a4fe	⊘ Running 🔍 🔍		t2.micro		⊘ 2/2 checks passed	View alarms +		us-east-1a		–

i-0726a12aa0de0a4fe (private)

Details Status and alarms Monitoring Security Networking Storage Tags

▼ **Instance summary** Info

Instance ID 📋 i-0726a12aa0de0a4fe	**Public IPv4 address** –	**Private IPv4 addresses** 📋 10.0.0.6
IPv6 address –	**Instance state** ⊘ Running	**Public IPv4 DNS** –
Hostname type IP name: ip-10-0-0-6.ec2.internal	**Private IP DNS name (IPv4 only)** 📋 ip-10-0-0-6.ec2.internal	
Answer private resource DNS name –	**Instance type** t2.micro	**Elastic IP addresses** –
Auto-assigned IP address –	**VPC ID** 📋 vpc-031aac4eff6d0fa85 (vpc-1) 🗗	**AWS Compute Optimizer f** ⓘ Opt-in to AWS Compute
IAM Role –	**Subnet ID** 📋 subnet-0979761cfdc2a4d14 (private-subnet) 🗗	**Auto Scaling Group name** –

```
Home@Home MINGW64 ~/Downloads
$ ssh -i key.pem ubuntu@18.234.252.172
The authenticity of host '18.234.252.172 (18.234.252.172)' can't be established.
ED25519 key fingerprint is SHA256:VVNHh1yxq+XyJSGBce+Fs3pA78VyRns9+p2xrniW76w.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '18.234.252.172' (ED25519) to the list of known hosts
.
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-1024-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro
```

```
ubuntu@ip-10-0-1-87:~$ ls -al
total 28
drwxr-x--- 4 ubuntu ubuntu 4096 Apr 18 16:50 .
drwxr-xr-x 3 root   root   4096 Apr 18 16:45 ..
-rw-r--r-- 1 ubuntu ubuntu  220 Mar 31  2024 .bash_logout
-rw-r--r-- 1 ubuntu ubuntu 3771 Mar 31  2024 .bashrc
drwx------ 2 ubuntu ubuntu 4096 Apr 18 16:50 .cache
-rw-r--r-- 1 ubuntu ubuntu  807 Mar 31  2024 .profile
drwx------ 2 ubuntu ubuntu 4096 Apr 18 16:45 .ssh
ubuntu@ip-10-0-1-87:~$ sudo apt update
Hit:1 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [12
6 kB]
Get:3 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [
126 kB]
Get:4 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:5 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packag
es [15.0 MB]
Get:6 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe Translation-
en [5982 kB]
Get:7 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [748
kB]
Get:8 http://us-east-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Compon
```

```
ubuntu@ip-10-0-1-87:~$ nano key.pem
ubuntu@ip-10-0-1-87:~$ ls
key.pem
ubuntu@ip-10-0-1-87:~$ ls -l
total 4
-rw-rw-r-- 1 ubuntu ubuntu 1675 Apr 18 17:01 key.pem
ubuntu@ip-10-0-1-87:~$ sudo chmod 400 key.pem
ubuntu@ip-10-0-1-87:~$ ls -l
total 4
-r-------- 1 ubuntu ubuntu 1675 Apr 18 17:01 key.pem
ubuntu@ip-10-0-1-87:~$ ssh -i key.pem ubuntu@10.0.0.6
The authenticity of host '10.0.0.6 (10.0.0.6)' can't be established.
ED25519 key fingerprint is SHA256:uFCnCkFDKxXJxdPNUvp4MglfMZP52NlCPzUby58r+ow.
This key is not known by any other names.
Are you sure you want to continue connecting (yes/no/[fingerprint])? yes
Warning: Permanently added '10.0.0.6' (ED25519) to the list of known hosts.
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-1024-aws x86_64)

 * Documentation:  https://help.ubuntu.com
 * Management:     https://landscape.canonical.com
 * Support:        https://ubuntu.com/pro

 System information as of Fri Apr 18 17:02:12 UTC 2025
```

```
ubuntu@ip-10-0-0-6:~$ traceroute google.com
traceroute to google.com (142.251.111.138), 30 hops max, 60 byte packets
 1  ip-10-0-1-198.ec2.internal (10.0.1.198)  0.176 ms  0.153 ms  0.208 ms
 2  100.100.8.14 (100.100.8.14)  2.440 ms 100.100.8.70 (100.100.8.70)  2.
 3  240.0.184.13 (240.0.184.13)  2.232 ms 240.0.184.33 (240.0.184.33)  2.
 4  100.100.2.34 (100.100.2.34)  2.119 ms 100.100.2.124 (100.100.2.124)
 5  99.82.181.25 (99.82.181.25)  2.122 ms 99.83.113.93 (99.83.113.93)  3.
```

Instances (2/2) Info

🔍 Find Instance by attribute or tag (case-sensitive)

✅	Name ✏️ ▽	Instance ID	Instance state
✅	public	i-025da4224c6d8576c	⊖ Terminated
✅	private	i-0726a12aa0de0a4fe	⊖ Terminated

Delete VPC   ✕

⊘ **Will be deleted**
This VPC will be deleted permanently and cannot be recovered later:

Name	**VPC ID**	**State**
▢ vpc-1	▢ vpc-031aac4eff6d0fa85	⊘ Available

⊘ **Will also be deleted**
The following 5 resources will also be deleted permanently and cannot be recovered later:

Name ▽	**Resource ID** ▽	**State**
–	igw-0dd2422ee48ddff87	⊘ Ava
public-route-table	rtb-0a650af0f516c4e31	-
private-route-table	rtb-0bb49a3eddca474da	-
–	sg-05a603cc9512017c3	-
–	sg-0c902b082b35bdc58	-

To confirm deletion, type *delete* in the field:

delete

Cancel   **Delete**