

Create VPC [Info](#)

A VPC is an isolated portion of the AWS Cloud populated by AWS objects, such as Amazon EC2 instances.

VPC settings

Resources to create [Info](#)

Create only the VPC resource or the VPC and other networking resources.

☒ VPC only

Name tag - optional

Creates a tag with a key of 'Name' and a value that you specify.

MyVPC

IPv4 CIDR block [Info](#)

- ☒ IPv4 CIDR manual input
- ☐ IPAM-allocated IPv4 CIDR block

IPv4 CIDR

10.0.0.0/24

CIDR block size must be between /16 and /28.

IPv6 CIDR block [Info](#)

- ☒ No IPv6 CIDR block
- ☐ IPAM-allocated IPv6 CIDR block
- ☐ Amazon-provided IPv6 CIDR block
- ☐ IPv6 CIDR owned by me

Tenancy [Info](#)

Default ▼

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key **Value - optional** [Remove tag](#)

Add tag

You can add 49 more tags

VPC settings

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Tenancy [Info](#)

Tags

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You can add 49 more tags

An internet gateway is a virtual router that connects a VPC to the internet. To create a new internet gateway specify the name for the gateway below.

Name tag
Creates a tag with a key of 'Name' and a value that you specify.

MyIGW

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key

Q Name

Value - optional

Q MyIGW

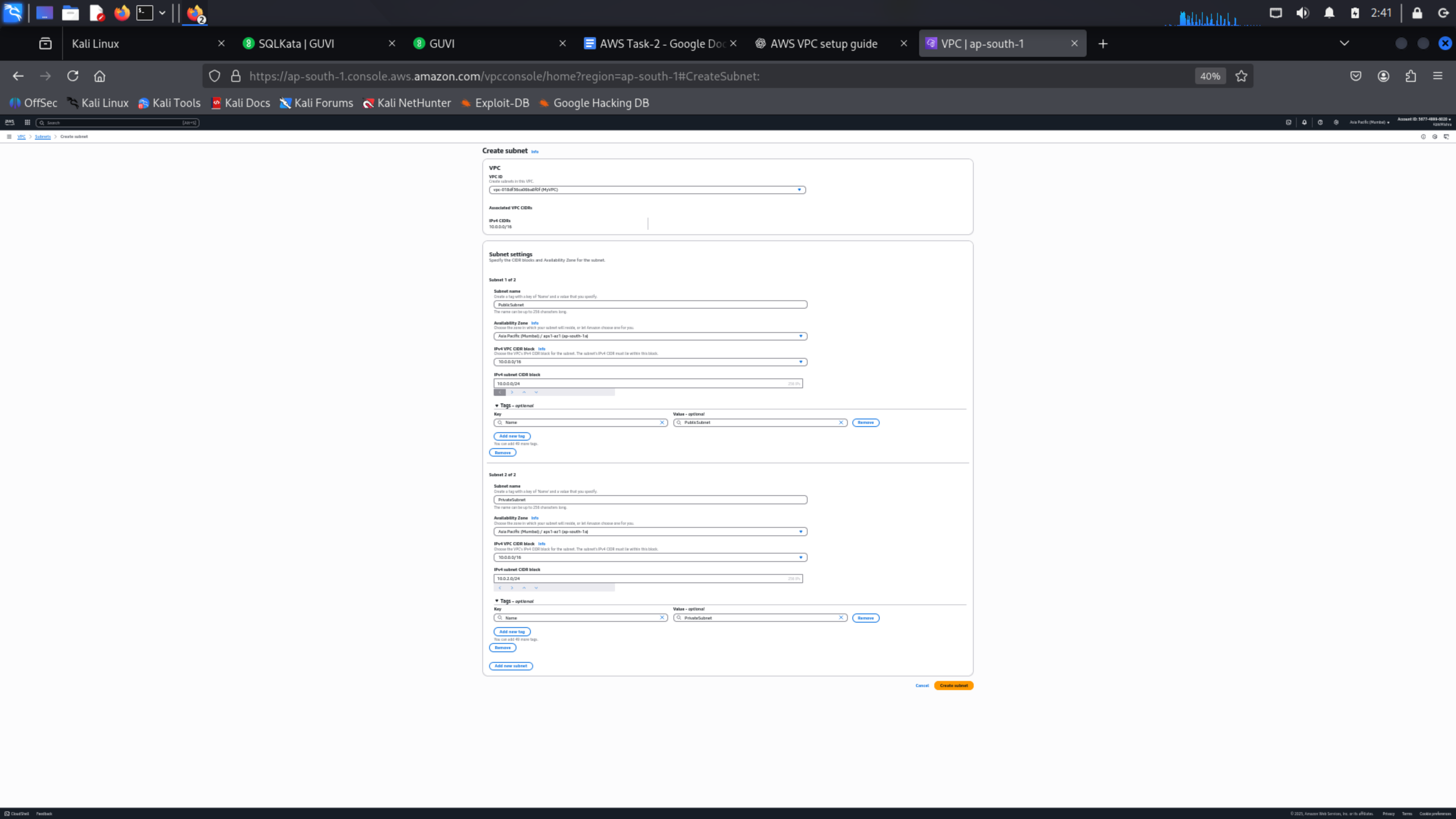
Remove

Add new tag

You can add 49 more tags.

Cancel

Create internet gateway



Create subnet [Info](#)

VPC

VPC ID

Create subnets in this VPC.

vpc-018df36ca06ba8f0f (MyVPC)

Associated VPC CIDRs

IPv4 CIDRs

10.0.0.0/16

Subnet settings

Specify the CIDR blocks and Availability Zone for the subnet.

Subnet 1 of 2

Subnet name

Create a tag with a key of 'Name' and a value that you specify.

PublicSubnet

The name can be up to 256 characters long.

Availability Zone [Info](#)

Choose the zone in which your subnet will reside, or let Amazon choose one for you.

Asia Pacific (Mumbai) / ap-s1-az1 (ap-south-1a)

IPv4 VPC CIDR block [Info](#)

Choose the VPC's IPv4 CIDR block for the subnet. The subnet's IPv4 CIDR must lie within this block.

10.0.0.0/16

IPv4 subnet CIDR block

10.0.0.0/24

256 IPs

▼ Tags - *optional*

Key

Q Name

Value - optional

PublicSubnet

Remove

Add new tag

You can add 49 more tags.

Remove

Create route table [Info](#)

A route table specifies how packets are forwarded between the subnets within your VPC, the internet, and your VPN connection.

Route table settings

Name - optional

Create a tag with a key of 'Name' and a value that you specify.

PublicRouteTable

VPC

The VPC to use for this route table.

vpc-018df36ca06ba8f0f (MyVPC)

Tags

A tag is a label that you assign to an AWS resource. Each tag consists of a key and an optional value. You can use tags to search and filter your resources or track your AWS costs.

Key

Q Name

Value - optional

PublicRouteTable

Remove

[Add new tag](#)

You can add 49 more tags

Cancel

Create route table

Edit routes

Destination	Target	Status	Propagated	Route Origin
10.0.0.0/16	local	✓ Active	No	CreateRouteTable
Q 0.0.0.0/0	Internet Gateway	-	No	CreateRoute

Add route
Remove

Cancel Preview Save changes

 It seems like you may be new to launching instances in EC2. Take a walkthrough to learn about EC2, how to launch instances and about best practices

Take a walkthrough

Do not show me this message again.

Launch an instance [Info](#)

Amazon EC2 allows you to create virtual machines, or instances, that run on the AWS Cloud. Quickly get started by following the simple steps below.

Name and tags [Info](#)

Name

MyLinuxServer

[Add additional tags](#)

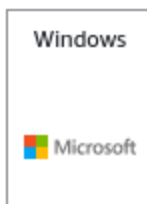
▼ Application and OS Images (Amazon Machine Image) [Info](#)

An AMI contains the operating system, application server, and applications for your instance. If you don't see a suitable AMI below, use the search field or choose [Browse more AMIs](#).

 Search our full catalog including 1000s of application and OS images

Recents

Quick Start



 [Browse more AMIs](#)

Including AMIs from
AWS, Marketplace and
the Community

Amazon Machine Image (AMI)

Ubuntu Server 24.04 LTS (HVM), SSD Volume Type
ami-0f918f7e67a3323f0 (64-bit (x86)) / ami-02f607855bfce66b6 (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Description

Ubuntu Server 24.04 LTS (HVM),EBS General Purpose (SSD) Volume Type. Support available from Canonical (<http://www.ubuntu.com/cloud/services>).

Canonical, Ubuntu, 24.04, amd64 noble image

Architecture

64-bit (x86)

AMI ID

ami-0f918f7e67a3323f0

Publish Date

2025-06-10

Username | ⓘ

ubuntu

Verified provider

▼ Instance type [Info](#) | [Get advice](#)

Key pair name - *required*



 [Create new key pair](#)

▼ Network settings [Info](#)

VPC - required | [Info](#)

vpc-018df36ca06ba8f0f (MyVPC)

10.0.0.0/16

Subnet | [Info](#)

subnet-06526a5cce37d1d8 PublicSubnet

VPC: vpc-018df36ca06ba8f0f Owner: 567749996020 Availability Zone: ap-south-1a (aps1-az1)

Zone type: Availability Zone IP addresses available: 251 CIDR: 10.0.0.0/24

 [Create new subnet](#)

Auto-assign public IP | [Info](#)

Enable 

Additional charges apply when outside of free tier allowance

Firewall (security groups)

[Info](#)

A security group is a set of firewall rules that control the traffic for your instance. Add rules to allow specific traffic to reach your instance.

☒ Create security group

☐ Select existing security group

Security group name - *required*

launch-wizard-1

This security group will be added to all network interfaces. The name can't be edited after the security group is created. Max length is 255 characters. Valid characters: a-z, A-Z, 0-9, spaces, and _-./()#,@[]+=&~!\$*

Description - required | [Info](#)

launch-wizard-1 created 2025-08-14T07:09:36.127Z

Inbound Security Group Rules

▼ Security group rule 1 (TCP, 22, 0.0.0.0/0) [Remove](#)

Type Info	Protocol Info	Port range Info
<input type="text" value="ssh"/>	<input type="text" value="TCP"/>	<input type="text" value="22"/>
Source type Info	Source Info	Description - optional Info
<input type="text" value="Anywhere"/>	<input type="text" value="Add CIDR, prefix list or security group"/>	<input type="text" value="e.g. SSH for admin desktop"/>
	<input type="text" value="0.0.0.0/0"/>	

▼ Security group rule 2 (TCP, 443, 0.0.0.0/0) [Remove](#)

Type	Info	Protocol	Info	Port range	Info
------	------	----------	------	------------	------

▼ Summary

Number of instances | [Info](#)

1

⌵

Software Image (AMI)
Canonical, Ubuntu, 24.04, amd64...[read more](#)
ami-0f918f7e67a3323f0

Virtual server type (instance type)
t2.micro

Firewall (security group)
New security group

Storage (volumes)
1 volume(s) - 8 GiB

Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

[Cancel](#) [Launch Instance](#) [Preview code](#)

Anywhere

▼

Q

Add CIDR, prefix list or security group

e.g. SSH for admin desktop

0.0.0.0/0

✕

▼ Security group rule 3 (TCP, 80, 0.0.0.0/0)

Remove

Type | Info

HTTP

▼

Protocol | Info

TCP

Port range | Info

80

Source type | Info

Anywhere

▼

Source | Info

Q

Add CIDR, prefix list or security group

e.g. SSH for admin desktop

0.0.0.0/0

✕

⚠ Rules with source of 0.0.0.0/0 allow all IP addresses to access your instance. We recommend setting security group rules to allow access from known IP addresses only.

✕

Add security group rule

► Advanced network configuration

▼ Configure storage | Info

Advanced

1x

25

▼

GiB

gp3

▼

Root volume, 3000 IOPS, Not encrypted

ⓘ Free tier eligible customers can get up to 30 GB of EBS General Purpose (SSD) or Magnetic storage

✕

Add new volume

The selected AMI contains instance store volumes, however the instance does not allow any instance store volumes. None of the instance store volumes from the AMI will be accessible from the instance

🕒 Click refresh to view backup information

The tags that you assign determine whether the instance will be backed up by any Data Lifecycle Manager policies.

↻

0 x File systems

Edit

► Advanced details | Info

▼ Summary

Number of instances | Info

1

⬆

⬆

Software Image (AMI)

Canonical, Ubuntu, 24.04, amd64...[read more](#)

ami-0f918f7e67a3323f0

Virtual server type (Instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 25 GiB

ⓘ Free tier: In your first year of opening an AWS account, you get 750 hours per month of t2.micro instance usage (or t3.micro where t2.micro isn't available) when used with free tier AMIs, 750 hours per month of public IPv4 address usage, 30 GiB of EBS storage, 2 million I/Os, 1 GB of snapshots, and 100 GB of bandwidth to the internet.

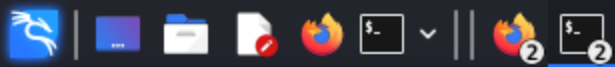
✕

Cancel

Launch Instance

📄





Preview code



```
└─(kali㉿kali)-[~/Downloads]
```

```
$ ssh -i "server.pem" ubuntu@43.205.136.115
```

```
Welcome to Ubuntu 24.04.2 LTS (GNU/Linux 6.8.0-1029-aws x86_64)
```

* Documentation: <https://help.ubuntu.com>  Kali Forums  Kali NetHunter  Exploit-DB  Google Hacking DB

* Management: <https://landscape.canonical.com>

* Support: <https://ubuntu.com/pro>

System information as of Thu Aug 14 14:48:08 UTC 2025

```
System load: 0.0      Processes:           104
Usage of /: 7.3% of 23.17GB   Users logged in:    0
Memory usage: 20%      IPv4 address for enX0: 10.0.2.80
Swap usage: 0%
```

Expanded Security Maintenance for Applications is not enabled.

```
0 updates can be applied immediately.
```

Enable ESM Apps to receive additional future security updates.
See <https://ubuntu.com/esm> or run: `sudo pro status`

The list of available updates is more than a week old.
To check for new updates run: `sudo apt update`

The programs included with the Ubuntu system are free software; the exact distribution terms for each program are described in the individual files in `/usr/share/doc/*/copyright`.

Ubuntu comes with ABSOLUTELY NO WARRANTY, to the extent permitted by applicable law.

To run a command as administrator (user "root"), use "sudo <command>". See "man sudo_root" for details.

```
ubuntu@ip-10-0-2-80:~$
```

Abhi-Mishra
Free

ChatGPT can make mistakes. Check important info. See [Cookie Preferences](#).

