

VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#VpcDetails:VpcId=vpc-02d83e334db0d8249

aws | Search | Ask Amazon Q | Asia Pacific (Mumbai) | NAJIMOUN SHAIK (6985-4713-9150) | NAJIMOUN SHAIK

VPC dashboard < VPC > Your VPCs > vpc-02d83e334db0d8249

You successfully created vpc-02d83e334db0d8249 / AWSB12 -VPC01

## vpc-02d83e334db0d8249 / AWSB12 -VPC01

Actions ▾

**Details** Info

VPC ID vpc-02d83e334db0d8249	State Available	Block Public Access Off	DNS hostnames Disabled
DNS resolution Enabled	Tenancy default	DHCP option set dopt-00901852855770813	Main route table rtb-03a63528f65e1acbf
Main network ACL acl-075d79c213df09291	Default VPC No	IPv4 CIDR 10.0.0.0/16	IPv6 pool -
IPv6 CIDR (Network border group) -	Network Address Usage metrics Disabled	Route 53 Resolver DNS Firewall rule groups -	Owner ID 698547139150
Encryption control ID -	Encryption control mode -		

Resource map CIDRs Flow logs Tags Integrations

Resource map Info Show all details

VPC Subnets (0) Route tables (1)

CloudShell Feedback Console mobile app

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Upcoming Earnings ENG IN 20:35 27-01-2026

Launch an instance | EC2 | ap-south-1

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

aws Search [Alt+S] Asia Pacific (Mumbai) NAJIMOOON SHAIK (6985-4713-9150) NAJIMOOON SHAIK

EC2 Instances Launch an instance

Success Successfully initiated launch of instance (i-027ce3ce6056e4bdd)

▶ Launch log

### Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

1 2 3 4 5 6 >

#### Create billing usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing usage thresholds.

[Create billing alerts ↗](#)

#### Connect to your instance

Once your instance is running, log into it from your local computer.

[Connect to instance ↗](#)

[Learn more ↗](#)

#### Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

[Connect an RDS database ↗](#)

[Create a new RDS database ↗](#)

[Learn more ↗](#)

#### Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

[Create EBS snapshot policy ↗](#)

#### Manage detailed monitoring

#### Create Load Balancer

#### Create AWS budget

#### Manage CloudWatch alarms

https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateLifecyclePolicy:policyType=EBS\_SNAPSHOT\_MANAGEMENT

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9:25C 25° Mostly clear ENG IN 20:39 27-01-2026

13.127.137.249 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect... 2. 13.127.137.249 (ubuntu)

(SSH client, X server and network tools)

▶ SSH session to **ubuntu@13.127.137.249**

- Direct SSH : ✓
- SSH compression : ✓
- SSH-browser : ✓
- X11-forwarding : ✓ (remote display is forwarded through SSH)

▶ For more [info](#), ctrl+click on [help](#) or visit our [website](#).

Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1018-aws x86\_64)

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

System information as of Tue Jan 27 15:11:42 UTC 2026

System load: 0.09	Temperature: -273.1 C
Usage of /: 26.0% of 6.71GB	Processes: 120
Memory usage: 28%	Users logged in: 0
Swap usage: 0%	IPv4 address for ens5: 10.0.1.253

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`

/usr/bin/xauth: file /home/ubuntu/.Xauthority does not exist  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo\_root" for details.

ubuntu@ip-10-0-1-253:~\$ █

ip-10-0-1-253 0% 0.39 GB / 0.89 GB 0.01 Mb/s 0.00 Mb/s 107 sec ubuntu /: 27% /boot: 11% /boot/efi: 6%

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Search

ENG IN

20:41 27-01-2026

13.127.137.249 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect... 2. 13.127.137.249 (ubuntu)

/home/ubuntu/

- Name
- ..
- .cache
- .ssh
- .bash\_logout
- .bashrc
- .profile
- .Xauthority

```
Get:22 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [573 kB]
Get:23 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 kB]
Get:24 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 c-n-f Metadata [556 B]
Get:25 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [31.8 kB]
Get:26 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [6348 B]
Get:27 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:28 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [496 B]
Get:29 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Packages [40.4 kB]
Get:30 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main Translation-en [9208 B]
Get:31 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [7296 B]
Get:32 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [368 B]
Get:33 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [29.5 kB]
Get:34 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [17.9 kB]
Get:35 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [10.5 kB]
Get:36 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1444 B]
Get:37 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [216 B]
Get:38 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
Get:39 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:40 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:41 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [1410 kB]
Get:42 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [229 kB]
Get:43 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [21.6 kB]
Get:44 http://security.ubuntu.com/ubuntu noble-security/main amd64 c-n-f Metadata [9820 B]
Get:45 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [924 kB]
Get:46 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [209 kB]
Get:47 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [74.2 kB]
Get:48 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [19.7 kB]
Get:49 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [2302 kB]
Get:50 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [527 kB]
Get:51 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:52 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [28.0 kB]
Get:53 http://security.ubuntu.com/ubuntu noble-security/multiverse Translation-en [6472 B]
Get:54 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [208 B]
Get:55 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [384 B]
Fetched 39.5 MB in 6s (6194 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
60 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@ip-10-0-1-253:/home/ubuntu# apt install nginx -y
```

Remote monitoring Follow terminal folder

ip-10-0-1-253 0% 0.37 GB / 0.89 GB 0.01 Mb/s 0.00 Mb/s 233 sec ubuntu (x2) /: 30% /boot: 11% /boot/efi: 6%

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Search

ENG IN

20:43 27-01-2026

Launch an instance | EC2 | ap-south-1 | Welcome to nginx! | +

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

aws Search [Alt+S] Asia Pacific (Mumbai) NAJIMOOON SHAIK (6985-4713-9150) NAJIMOOON SHAIK

EC2 Instances Launch an instance

Allow tags in metadata | Info Select

User data - optional | Info  
Upload a file with your user data or enter it in the field.  
[Choose file](#)

```
#/bin/bash
sudo su
apt update
apt install nginx -y
```

User data has already been base64 encoded

▼ Summary

Number of instances | Info 1

Software Image (AMI)  
Canonical, Ubuntu, 24.04, amd64...[read more](#)  
ami-019715e0d74f695be

Virtual server type (instance type)  
t3.micro

Firewall (security group)  
default

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

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

Compare and select load balancer x Welcome to nginx! x | +

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

aws Search [Alt+S] Ask Amazon Q Asia Pacific (Mumbai) NAJIMOOON SHAIK (6985-4713-9150) NAJIMOOON SHAIK

EC2 > Load balancers > Compare and select load balancer type

## Compare and select load balancer type

A complete feature-by-feature comparison along with detailed highlights is also available. [Learn more](#)

### Load balancer types

#### Application Load Balancer [Info](#)

Choose an Application Load Balancer when you want to route traffic to Lambda functions, API Gateways, or other Application Load Balancers.

#### Network Load Balancer [Info](#)

Choose a Network Load Balancer when you want to route traffic to Lambda functions, API Gateways, or other Application Load Balancers, and support TCP, UDP, or TLS protocols.

#### Gateway Load Balancer [Info](#)

Choose a Gateway Load Balancer when you want to route traffic to VPC endpoints, Lambda functions, or CloudFront distributions.

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Air: Moderate Now

Search

21:18 27-01-2026

EC2 > Target groups > TG01

Successfully created the target group: **TG01**.

## TG01

**Details**

arn:aws:elasticloadbalancing:ap-south-1:698547139150:targetgroup/TG01/cafd0c11b6489f76

<b>Target type</b> Instance	<b>Protocol : Port</b> TCP: 80	<b>VPC</b> <a href="#">vpc-02d83e334db0d8249</a>	<b>IP address type</b> IPv4
<b>Load balancer</b> <a href="#">None associated</a>			
<b>Total targets</b> 1	<b>Healthy</b> 0	<b>Unhealthy</b> 0	<b>Unused</b> 1
			<b>Initial</b> 0
			<b>Draining</b> 0

**Distribution of targets by Availability Zone (AZ)**

Select values in this table to see corresponding filters applied to the Registered targets table below.

**Targets** **Monitoring** **Health checks** **Attributes** **Tags**

### Registered targets (1)



Deregister

Register targets

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

Load Balancing

Load Balancers

Target Groups

Trust Stores

Auto Scaling

Auto Scaling Groups

Settings

Successfully created load balancer

Introducing configurable log deliveries for NLB

Send Network Load Balancer logs to multiple destinations — CloudWatch, S3, or Kinesis Firehose — giving you greater flexibility in how you store, analyze, and manage your load balancer logs.

[Learn more ↗](#)

## NWBL01

[Actions ▾](#)

▼ Details

Load balancer type

Network

Status

Provisioning

VPC

[vpc-02d83e334db0d8249 ↗](#)

Load balancer IP address type

IPv4

Scheme

Internet-facing

Hosted zone

ZVDDRBQ08TROA

Availability Zones

[subnet-0c55a7f02f759d9ed ↗](#) ap-south-1a (aps1-az1)

Date created

January 27, 2026, 21:42 (UTC+05:30)

Load balancer ARN

[arn:aws:elasticloadbalancing:ap-south-1:698547139150:loadbalancer/net/NWBL01/d13f8f76989a7fa5](#)

DNS name Info

[NWBL01-d13f8f76989a7fa5.elb.ap-south-1.amazonaws.com \(A Record\)](#)

Listeners

Network mapping

Resource map

Security

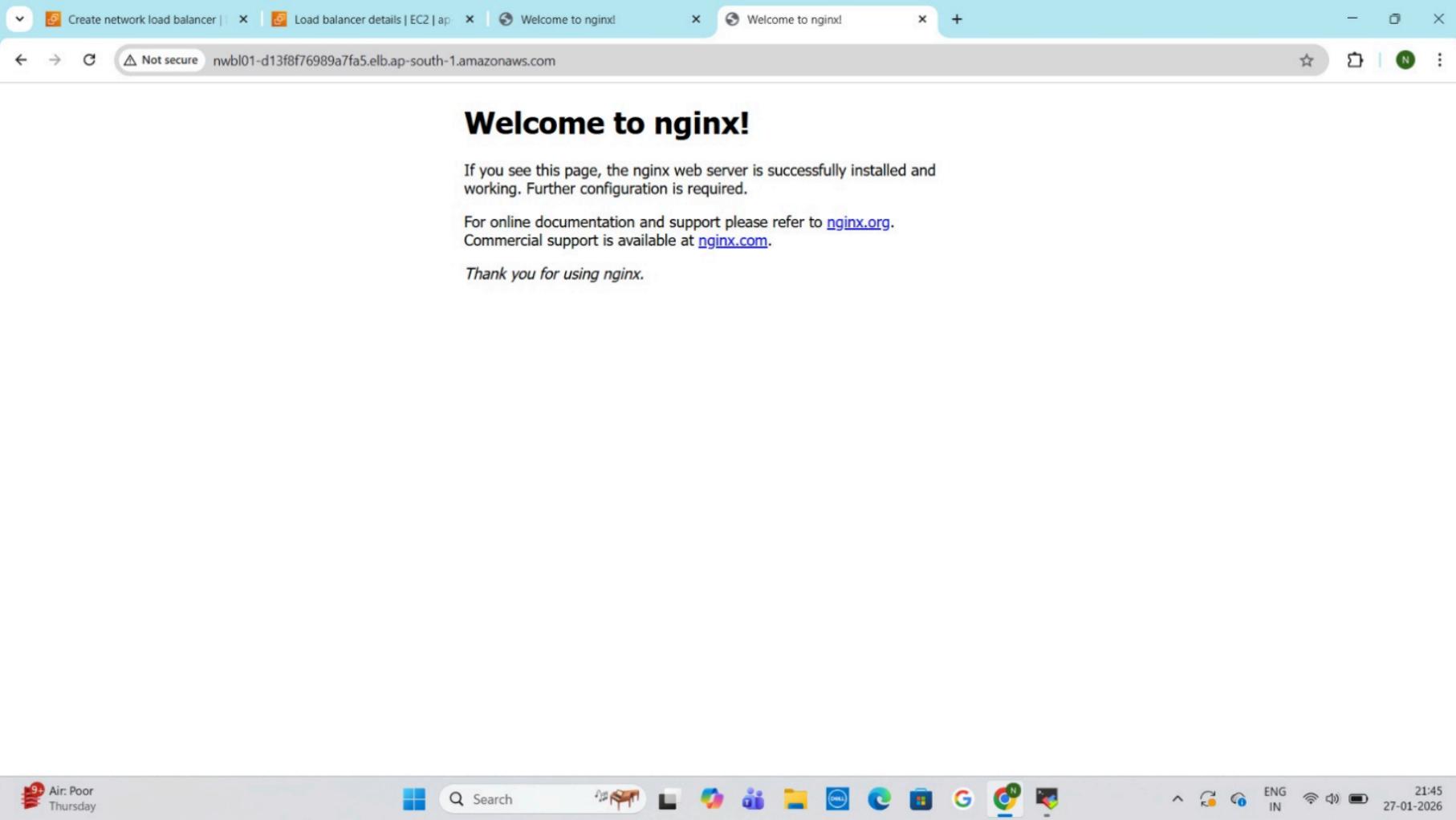
Monitoring

Integrations

Attributes

Tags





# Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](http://nginx.org).  
Commercial support is available at [nginx.com](http://nginx.com).

*Thank you for using nginx.*

Launch an instance | EC2 | ap-south-1

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

aws Search [Alt+S] Asia Pacific (Mumbai) NAJIMOOON SHAIK (6985-4713-9150) NAJIMOOON SHAIK

EC2 Instances Launch an instance

Success Successfully initiated launch of instance (i-0c051797c825474b4)

▶ Launch log

### Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

1 2 3 4 5 6 >

#### Create billing usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing usage thresholds.

[Create billing alerts ↗](#)

#### Connect to your instance

Once your instance is running, log into it from your local computer.

[Connect to instance ↗](#)

[Learn more ↗](#)

#### Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

[Connect an RDS database ↗](#)

[Create a new RDS database ↗](#)

[Learn more ↗](#)

#### Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

[Create EBS snapshot policy ↗](#)

#### Manage detailed monitoring

#### Create Load Balancer

#### Create AWS budget

#### Manage CloudWatch alarms

CloudShell Feedback Console Mobile App

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Search

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ENG IN 22:39 27-01-2026

Your VPCs | VPC Management

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

aws Search [Alt+S] Asia Pacific (Mumbai) NAJIMOUN SHAIK (6985-4713-9150) NAJIMOUN SHAIK

VPC dashboard < VPC > Your VPCs

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
- Route servers

Security

- Network ACLs
- Security groups

Your VPCs

VPCs | VPC encryption controls

Your VPCs (3) Info Last updated less than a minute ago Actions ▾ Create VPC

Find VPCs by attribute or tag

Name	VPC ID	State	Encryption c...	Encryption control ...	Block Public...	IPV4
AWSB12 -VPC01	vpc-02d83e334db0d8249	Available	-	-	Off	10.0
MOONB12 -VPC02	vpc-0ccb2763cae6cc8b4	Available	-	-	Off	10.0

Select a VPC above

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9+ 23°C ENG IN 22:39 27-01-2026

43.205.254.253 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect... 2.43.205.254.253 (ubuntu) (SSH client, X server and network tools)

/home/ubuntu/

- Name
- ..
- .cache
- .ssh
- .bash\_logout
- .bashrc
- .profile
- .Xauthority

▶ SSH session to **ubuntu@43.205.254.253**

- Direct SSH : ✓
- SSH compression : ✓
- SSH-browser : ✓
- X11-forwarding : ✓ (remote display is forwarded through SSH)

▶ For more [info](#), ctrl+click on [help](#) or visit our [website](#).

Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1018-aws x86\_64)

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

System information as of Tue Jan 27 17:11:35 UTC 2026

System load: 0.21	Temperature: -273.1 C
Usage of /: 25.9% of 6.71GB	Processes: 122
Memory usage: 26%	Users logged in: 0
Swap usage: 0%	IPv4 address for ens5: 10.0.1.127

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

/usr/bin/xauth: file /home/ubuntu/.Xauthority does not exist  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo\_root" for details.

ubuntu@ip-10-0-1-127:~\$

ip-10-0-1-127 0% 0.38 GB / 0.89 GB 0.01 Mb/s 0.00 Mb/s 144 sec ubuntu /: 27% /boot: 11% /boot/efi: 6%

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22:41 27-01-2026

43.205.254.253 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect... 2.43.205.254.253 (ubuntu)

/home/ubuntu/

- Name
- ..
- .cache
- .ssh
- .bash\_logout
- .bashrc
- .profile
- .Xauthority

```
Get:22 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [2506 kB]
Get:23 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [573 kB]
Get:24 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 kB]
Get:25 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 c-n-f Metadata [556 B]
Get:26 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [31.8 kB]
Get:27 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [6348 B]
Get:28 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:29 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [496 B]
Get:30 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Packages [40.4 kB]
Get:31 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main Translation-en [9208 B]
Get:32 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 Components [7312 B]
Get:33 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/main amd64 c-n-f Metadata [368 B]
Get:34 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Packages [29.5 kB]
Get:35 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [17.9 kB]
Get:36 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [10.5 kB]
Get:37 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1444 B]
Get:38 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [212 B]
Get:39 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
Get:40 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:41 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:42 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [229 kB]
Get:43 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [21.5 kB]
Get:44 http://security.ubuntu.com/ubuntu noble-security/main amd64 c-n-f Metadata [9820 B]
Get:45 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [924 kB]
Get:46 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [209 kB]
Get:47 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [74.3 kB]
Get:48 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [19.7 kB]
Get:49 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [2302 kB]
Get:50 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [527 kB]
Get:51 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:52 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [28.0 kB]
Get:53 http://security.ubuntu.com/ubuntu noble-security/multiverse Translation-en [6472 B]
Get:54 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:55 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [384 B]
Fetched 39.5 MB in 7s (5903 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
60 packages can be upgraded. Run 'apt list --upgradable' to see them.
root@ip-10-0-1-127:/home/ubuntu# apt install nginx -y
```

Remote monitoring Follow terminal folder

ip-10-0-1-127 0% 0.36 GB / 0.89 GB 0.01 Mb/s 0.00 Mb/s 191 sec ubuntu (x2) /: 30% /boot: 11% /boot/efi: 6%

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ENG IN

22:42 27-01-2026

43.205.254.253 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect...  2.43.205.254.253 (ubuntu)

Reading state information... Done  
The following additional packages will be installed:  
  nginx-common  
Suggested packages:  
  fcgiwrap nginx-doc ssl-cert  
The following NEW packages will be installed:  
  nginx nginx-common  
0 upgraded, 2 newly installed, 0 to remove and 60 not upgraded.  
Need to get 564 kB of archives.  
After this operation, 1596 kB of additional disk space will be used.  
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx-common all 1.24.0-2ubuntu7.5 [43.4 kB]  
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 nginx amd64 1.24.0-2ubuntu7.5 [520 kB]  
Fetched 564 kB in 0s (26.9 MB/s)  
Preconfiguring packages ...  
Selecting previously unselected package nginx-common.  
(Reading database ... 71752 files and directories currently installed.)  
Preparing to unpack .../nginx-common\_1.24.0-2ubuntu7.5\_all.deb ...  
Unpacking nginx-common (1.24.0-2ubuntu7.5) ...  
Selecting previously unselected package nginx.  
Preparing to unpack .../nginx\_1.24.0-2ubuntu7.5\_amd64.deb ...  
Unpacking nginx (1.24.0-2ubuntu7.5) ...  
Setting up nginx-common (1.24.0-2ubuntu7.5) ...  
Created symlink /etc/systemd/system/multi-user.target.wants/nginx.service → /usr/lib/systemd/system/nginx.service.  
Setting up nginx (1.24.0-2ubuntu7.5) ...  
  \* Upgrading binary nginx  
Processing triggers for man-db (2.12.0-4build2) ...  
Processing triggers for ufw (0.36.2-6) ...  
Scanning processes...  
Scanning linux images...  
  
Running kernel seems to be up-to-date.  
  
No services need to be restarted.  
  
No containers need to be restarted.  
  
No user sessions are running outdated binaries.  
  
No VM guests are running outdated hypervisor (qemu) binaries on this host.  
root@ip-10-0-1-127:/home/ubuntu#

[ OK ]

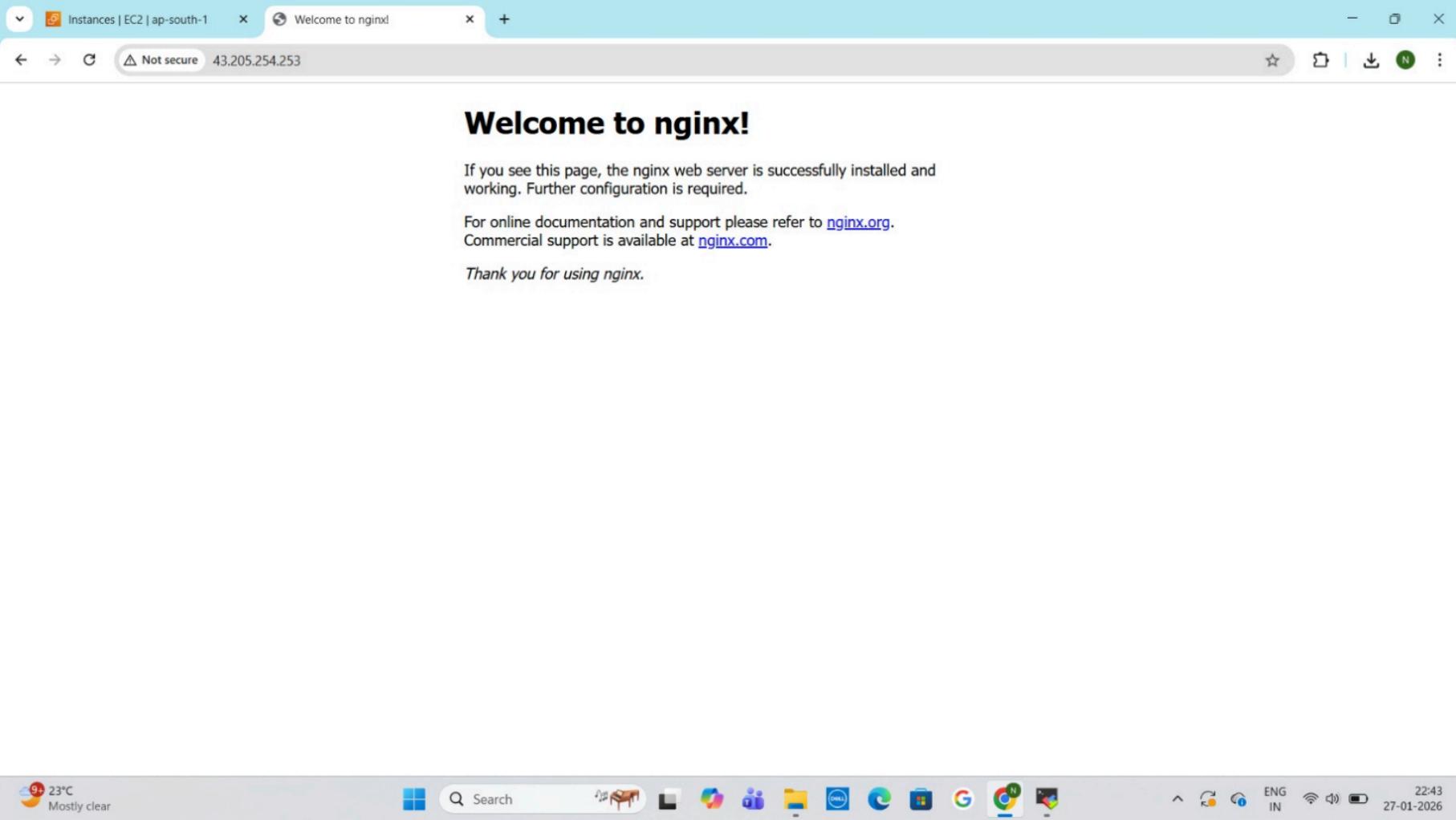
Remote monitoring   
Follow terminal folder

ip-10-0-1-127 46% 0.34 GB / 0.89 GB 0.01 Mb/s 0.00 Mb/s 205 sec ubuntu (x2) /: 30% /boot: 11% /boot/efi: 6%

UNREGISTERED VERSION - Please support MobaXterm by subscribing to the professional edition here: <https://mobaxterm.mobatek.net>

23°C Mostly clear

Search    ENG IN 22:42 27-01-2026



# Welcome to nginx!

If you see this page, the nginx web server is successfully installed and working. Further configuration is required.

For online documentation and support please refer to [nginx.org](http://nginx.org).  
Commercial support is available at [nginx.com](http://nginx.com).

*Thank you for using nginx.*

Launch an instance | EC2 | ap-south-1 Welcome to nginx! x | +

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

aws Search [Alt+S] Asia Pacific (Mumbai) NAJIMOOON SHAIK (6985-4713-9150) NAJIMOOON SHAIK

EC2 Instances Launch an instance

Success Successfully initiated launch of instance (i-09e529cc5898e9532)

▶ Launch log

### Next Steps

What would you like to do next with this instance, for example "create alarm" or "create backup"

1 2 3 4 5 6 >

#### Create billing usage alerts

To manage costs and avoid surprise bills, set up email notifications for billing usage thresholds.

[Create billing alerts ↗](#)

#### Connect to your instance

Once your instance is running, log into it from your local computer.

[Connect to instance ↗](#)

[Learn more ↗](#)

#### Connect an RDS database

Configure the connection between an EC2 instance and a database to allow traffic flow between them.

[Connect an RDS database ↗](#)

[Create a new RDS database ↗](#)

[Learn more ↗](#)

#### Create EBS snapshot policy

Create a policy that automates the creation, retention, and deletion of EBS snapshots

[Create EBS snapshot policy ↗](#)

#### Manage detailed monitoring

#### Create Load Balancer

#### Create AWS budget

#### Manage CloudWatch alarms

CloudShell Feedback Console Mobile App

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Search ENG IN 22:49 27-01-2026

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13.234.112.233 (ubuntu)

Terminal Sessions View X server Tools Games Settings Macros Help

Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

X server Exit

Quick connect... 2. 43.205.254.253 (ubuntu) 3. 13.234.112.233 (ubuntu)

For more info, ctrl+click on help or visit our website.

Welcome to Ubuntu 24.04.3 LTS (GNU/Linux 6.14.0-1018-aws x86\_64)

- \* Documentation: <https://help.ubuntu.com>
- \* Management: <https://landscape.canonical.com>
- \* Support: <https://ubuntu.com/pro>

System information as of Tue Jan 27 17:21:53 UTC 2026

System load: 0.06	Temperature: -273.1 C
Usage of /: 25.9% of 6.71GB	Processes: 122
Memory usage: 25%	Users logged in: 0
Swap usage: 0%	IPv4 address for ens5: 10.1.243.181

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.

/usr/bin/xauth: file /home/ubuntu/.Xauthority does not exist  
To run a command as administrator (user "root"), use "sudo <command>".  
See "man sudo\_root" for details.

ubuntu@ip-10-1-243-181:~\$

ip-10-1-243-181 0% 0.40 GB / 0.89 GB 0.01 Mb/s 0.00 Mb/s 126 sec ubuntu :27% /boot: 11% /boot/efi: 6%

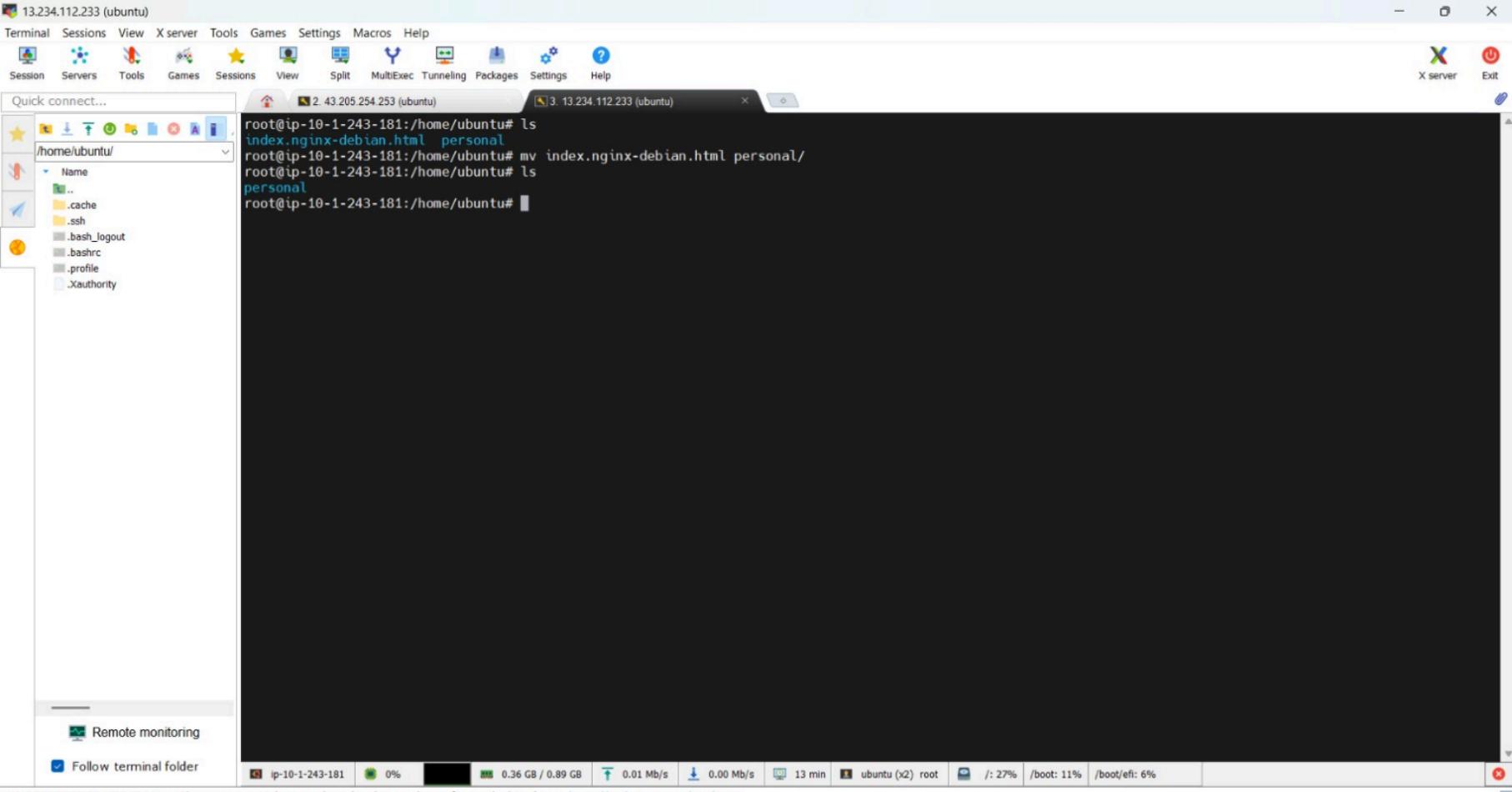
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Remote monitoring Follow terminal folder

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Search

22:51 27-01-2026



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9 23°C  
Mostly clear



ENG IN 23:03 27-01-2026

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

aws Search [Alt+S] Asia Pacific (Mumbai) NAJIMOOON SHAIK (6985-4713-9150) NAJIMOOON SHAIK

EC2 > Load balancers > Create Application Load Balancer

## Create Application Load Balancer Info

The Application Load Balancer distributes incoming HTTP and HTTPS traffic across multiple targets such as Amazon EC2 instances, microservices, and containers, based on request attributes. When the load balancer receives a connection request, it evaluates the listener rules in priority order to determine which rule to apply, and if applicable, it selects a target from the target group for the rule action.

### ▶ How Application Load Balancers work

#### Basic configuration

**Load balancer name**  
Name must be unique within your AWS account and can't be changed after the load balancer is created.  
A maximum of 32 alphanumeric characters including hyphens are allowed, but the name must not begin or end with a hyphen.

**Scheme** Info  
Scheme can't be changed after the load balancer is created.

Internet-facing

- Serves internet-facing traffic.
- Has public IP addresses.
- DNS name resolves to public IPs.
- Requires a public subnet.

Internal

- Serves internal traffic.
- Has private IP addresses.
- DNS name resolves to private IPs.
- Compatible with the IPv4 and Dualstack IP address types.

**Load balancer IP address type** Info  
Select the front-end IP address type to assign to the load balancer. The VPC and subnets mapped to this load balancer must include the selected IP address types. Public IPv4 addresses have an additional cost.

IPv4  
Includes only IPv4 addresses.

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9+ 23°C ENG IN 23:06 27-01-2026

23:06 27-01-2026

Create application load balance Step 2 Create target group | EC... Welcome to nginx! 13.234.112.233

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#CreateTargetGroup:protocol=HTTP;vpc=vpc-02d83e334db0d8249

aws Search [Alt+S] Asia Pacific (Mumbai) NAJIMOOON SHAIK (6985-4713-9150) NAJIMOOON SHAIK

EC2 Target groups Create target group

Step 1 Create target group  
Step 2 - recommended Register targets  
Step 3 Review and create

## Register targets - recommended

This is an optional step to create a target group. However, to ensure that your load balancer routes traffic to this target group you must register your targets.

### Available instances (1)

Instance ID	Name	State	Security groups	Zone
i-0c051797c825474b4	Homepage	Running	default	ap-south-1a

0 selected

#### Ports for the selected instances

Ports for routing traffic to the selected instances.

80

1-65535 (separate multiple ports with commas)

Include as pending below

### Review targets

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aws Search [Alt+S] Actions NAJIMOOON SHAIK (6985-4713-9150) ▾ NAJIMOOON SHAIK Asia Pacific (Mumbai) ▾

EC2 Target groups HOME-TG01

Successfully created the target group: **HOME-TG01**. Anomaly detection is automatically applied to all registered targets. Results can be viewed in the Targets tab.

## HOME-TG01

Details

Target type Instance	Protocol : Port HTTP: 80	Protocol version HTTP1	VPC <a href="#">vpc-02d83e334db0d8249</a>	
IP address type IPv4	Load balancer None associated			
1 Total targets	0 Healthy	0 Unhealthy	1 Unused	0 Initial
0 Anomalous				

Distribution of targets by Availability Zone (AZ)

Select values in this table to see corresponding filters applied to the Registered targets table below.

Targets Monitoring Health checks Attributes Tags



Search

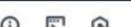
[Alt+S] ⌘



Asia Pacific (Mumbai) ▾

NAJIMOOON SHAIK

EC2 > Load balancers > Create Application Load Balancer



## Network mapping Info

The load balancer routes traffic to targets in the selected subnets, and in accordance with your IP address settings.

VPC Info

The load balancer will exist and scale within the selected VPC. The selected VPC is also where the load balancer targets must be hosted unless routing to Lambda or on-premises targets, or if using VPC peering. To confirm the VPC for your targets, view [target groups](#).

vpc-02d83e334db0d8249 (AWSB12 -VPC01)

10.0.0.1/16



Create VPC ↗

IP pools Info

You can optionally choose to configure an IPAM pool as the preferred source for your load balancers IP addresses. Create or view Pools in the [Amazon VPC IP Address Manager console](#).

Use IPAM pool for public IPv4 addresses

The IPAM pool you choose will be the preferred source of public IPv4 addresses. If the pool is depleted IPv4 addresses will be assigned by AWS.

Availability Zones and subnets Info

Select at least two Availability Zones and a subnet for each zone. A load balancer node will be placed in each selected zone and will automatically scale in response to traffic. The load balancer routes traffic to targets in the selected Availability Zones only.

ap-south-1a (aps1-az1)

Subnet

Only CIDR blocks corresponding to the load balancer IP address type are used. At least 8 available IP addresses are required for your load balancer to scale efficiently.

subnet-0c55a7f02f759d9ed

AWSB12 -SUBNET01

IPv4 subnet CIDR: 10.0.1.0/24

## Security groups Info

A security group is a set of firewall rules that control the traffic to your load balancer. Select an existing security group, or you can [create a new security group](#).

Security groups

Select a security group to associate with this load balancer.

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- Step 1  
Add rule
- Step 2  
Set rule priority
- Step 3  
Review and create

## Set rule priority Info

Each rule has a priority. The default rule is evaluated last. You can change the priority of a non-default rule at any time. You can't change the priority of the default rule.

### Listener details: HTTP:80

#### Listener rules (2) Info

Traffic received by the listener is routed according to the default action and any additional rules. Rules are evaluated in priority order from the lowest value to the highest value.

Priority	Name tag	Conditions (If)	Transforms	Actions (Then)
1	-	Path (value) = /personal/*	-	<ul style="list-style-type: none"><li>Forward to target group PERSONAL-TG : 1 (100%) Target group stickiness: 100%</li></ul>
Last (default)	Default	If no other rule applies	-	<ul style="list-style-type: none"><li>Forward to target group HOME-TG01 : 1 (100%) Target group stickiness: 100%</li></ul>

[Cancel](#) [Previous](#) [Next](#)

Elastic Block Store

Volumes

Snapshots

Lifecycle Manager

Network & Security

Security Groups

Elastic IPs

Placement Groups

Key Pairs

Network Interfaces

Load Balancing

Load Balancers

Target Groups

Trust Stores

Auto Scaling

Auto Scaling Groups

Settings

Successfully created rule on listener HTTP:80.

Give feedback

## HTTP:80 Info



Actions ▾

### ▼ Details

A listener checks for connection requests using the protocol and port that you configure. The default action and any additional rules that you create determine how the Application Load Balancer routes requests to its registered targets.

#### Protocol:Port

HTTP:80

#### Load balancer

[APPLB01](#)

#### Default actions

- Forward to target group [HOME-TG01](#): 1 (100%)
- Target group stickiness: Off

#### Listener ARN

[arn:aws:elasticloadbalancing:ap-south-1:698547139150:listener/app/APPLB01/db12e897fce9408a/74073463fb5c02ec](#)

Rules

Attributes

Tags

### Listener rules (2) Info

Rule limits



Actions ▾

Add rule

Traffic received by the listener is routed according to the default action and any additional rules. Rules are evaluated in priority order from the lowest value to the highest value.

Filter rules



Priority

Name tag

Conditions (If)

Transforms

Actions (Then) Actions

