

VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#VpcDetails:VpcId=vpc-0758a625e502fbff5

NAJIMMOON SHAIK (6985-4713-9150) ▾ NAJIMMOON SHAIK

aws Search [Alt+S] Asia Pacific (Mumbai) ▾ NAJIMMOON SHAIK

VPC Your VPCs vpc-0758a625e502fbff5

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 Route servers

Security Network ACLs Security groups

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You successfully created vpc-0758a625e502fbff5 / NAT -VPC01

vpc-0758a625e502fbff5 / NAT -VPC01

Actions

Details Info

VPC ID vpc-0758a625e502fbff5	State Available	Block Public Access Off	DNS hostnames Disabled
DNS resolution Enabled	Tenancy default	DHCP option set dopt-00901852855770813	Main route table rtb-0b75eb9f7d205bf3a
Main network ACL acl-0f79361357bd891a6	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)

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5 Trending videos The Muppet Show...

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VPC | ap-south-1

ap-south-1.console.aws.amazon.com/vpcconsole/home?region=ap-south-1#RouteTableDetails:RouteTableId=rtb-0c101fca3d91451fb

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VPC dashboard < VPC > Route tables > rtb-0c101fca3d91451fb

Route table rtb-0c101fca3d91451fb | NAT -PRIVATE -RT was created successfully.

rtb-0c101fca3d91451fb / NAT -PRIVATE -RT

Actions ▾

Details Info

Route table ID: rtb-0c101fca3d91451fb Main Explicit subnet associations: - Edge associations: -

VPC: [vpc-0758a625e502fbff5](#) | NAT -VPC01 Owner ID: 698547139150

Routes Subnet associations Edge associations Route propagation Tags

Routes (1)

Both ▾ Edit routes < 1 > ⚙️

Destination	Target	Status	Propagated	Route Origin
10.0.0.0/16	local	Active	No	Create Route Table

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RouteTables | VPC Console

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

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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

Route servers

Security

Network ACLs

Security groups

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Last updated 1 minute ago Actions ▾ Create route table

Route tables (1/2) Info

Find route tables by attribute or tag

Name	Route table ID	Explicit subnet associ...	Edge associations	Main	VPC
NATRT -01	rtb-0b75eb9f7d205bf3a	-	-	Yes	vpc-0758a625e502fbff5 NAT
<input checked="" type="checkbox"/> NAT -PRIVATE -RT	rtb-0c101fca3d91451fb	-	-	No	vpc-0758a625e502fbff5 NAT

rtb-0c101fca3d91451fb / NAT -PRIVATE -RT

Details Routes Subnet associations Edge associations Route propagation Tags

Explicit subnet associations (0)

Find subnet association

Name	Subnet ID	IPv4 CIDR
------	-----------	-----------

Snipping Tool

Screenshot copied to clipboard
Automatically saved to screenshots folder.

Mark-up and share

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Launch an instance | EC2 | ap-south-1

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

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EC2 Instances Launch an instance

Success Successfully initiated launch of instance (i-0cb0af7f9bdc75f5e)

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

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Instances | EC2 | ap-south-1 X +

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

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EC2 Instances

Instances (1/2) Info Last updated 1 minute ago Connect Instance state Actions Launch instances

Find Instance by attribute or tag (case-sensitive) All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
PRIVATE -SER...	i-0a6fc67499bf1a7ca	Running	t3.micro	Initializing	View alarms +	ap-south-1a	-
PUBLIC -SERVER	i-0cb0af7f9bdc75f5e	Running	t3.micro	Initializing	View alarms +	ap-south-1a	-

i-0cb0af7f9bdc75f5e (PUBLIC -SERVER)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary Public IPv4 address copied

Instance ID i-0cb0af7f9bdc75f5e Private IPv4 addresses 10.0.1.108

IPv6 address - Public DNS -

Hostname type

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3.110.77.210 (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... 2.3.110.77.210 (ubuntu)

- 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 Fri Feb 6 06:10:21 UTC 2026

System load: 0.02	Temperature: -273.1 C
Usage of /: 26.0% of 6.71GB	Processes: 122
Memory usage: 26%	Users logged in: 0
Swap usage: 0%	IPv4 address for ens5: 10.0.1.108

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-10-0-1-108:~\$

Remote monitoring Follow terminal folder

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Instances | EC2 | ap-south-1 X +

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

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EC2 Instances

Instances (1/2) Info Last updated 3 minutes ago Connect Instance state Actions Launch instances

Find Instance by attribute or tag (case-sensitive) All states

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
PRIVATE -SERV...	i-0a6fc67499bf1a7ca	Running	t3.micro	Initializing	View alarms +	ap-south-1a	-
PUBLIC -SERVER	i-0cb0af7f9bdc75f5e	Running	t3.micro	Initializing	View alarms +	ap-south-1a	-

i-0a6fc67499bf1a7ca (PRIVATE -SERVER)

Details Status and alarms Monitoring Security Networking Storage Tags

Instance summary

Instance ID: i-0a6fc67499bf1a7ca

IPv6 address: -

Hostname type: -

Public IPv4 address copied: 3.111.246.223 | open address ↗

Private IP4 addresses: 10.0.10.56

Public DNS: -

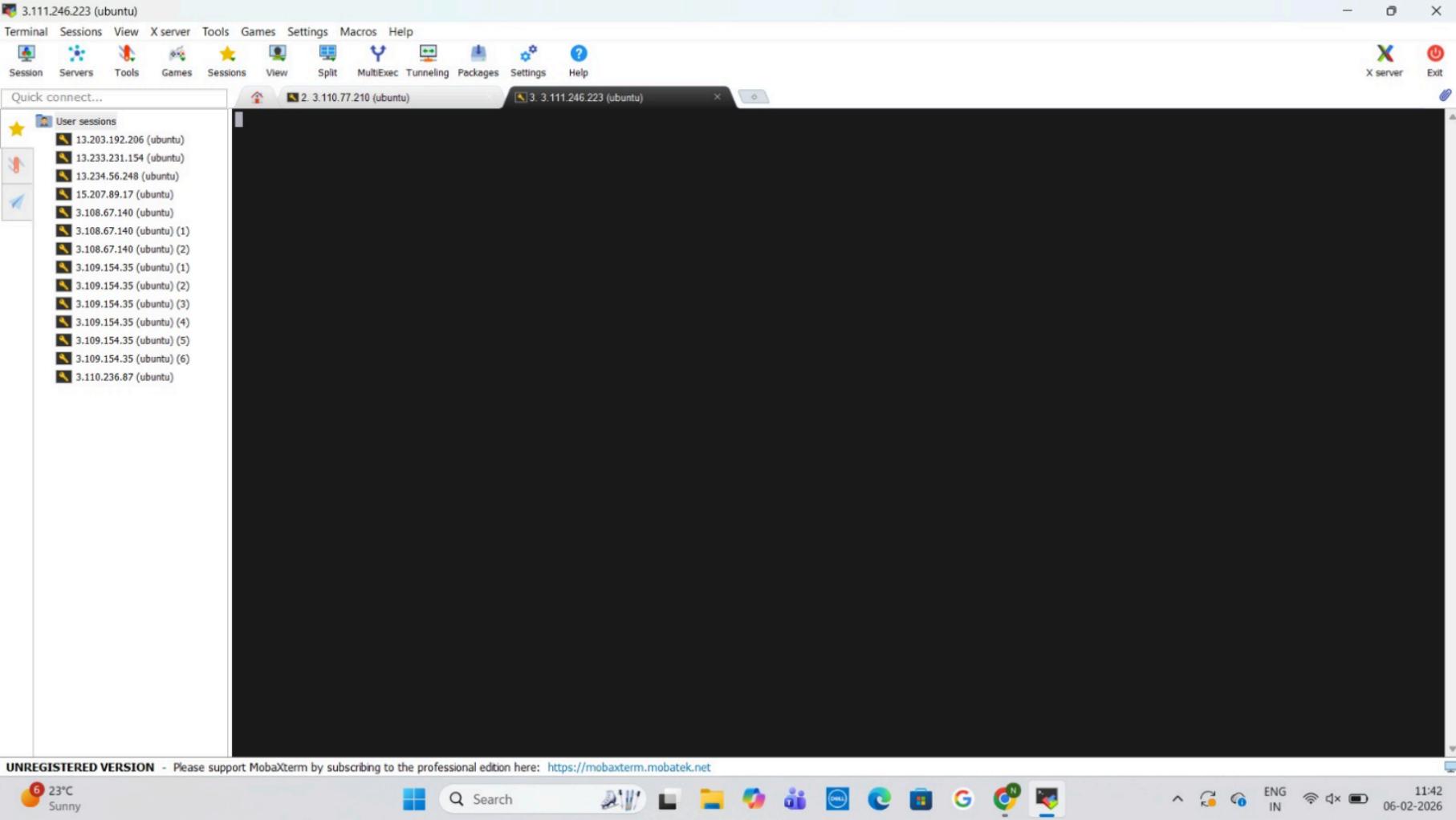
Instance state: Running

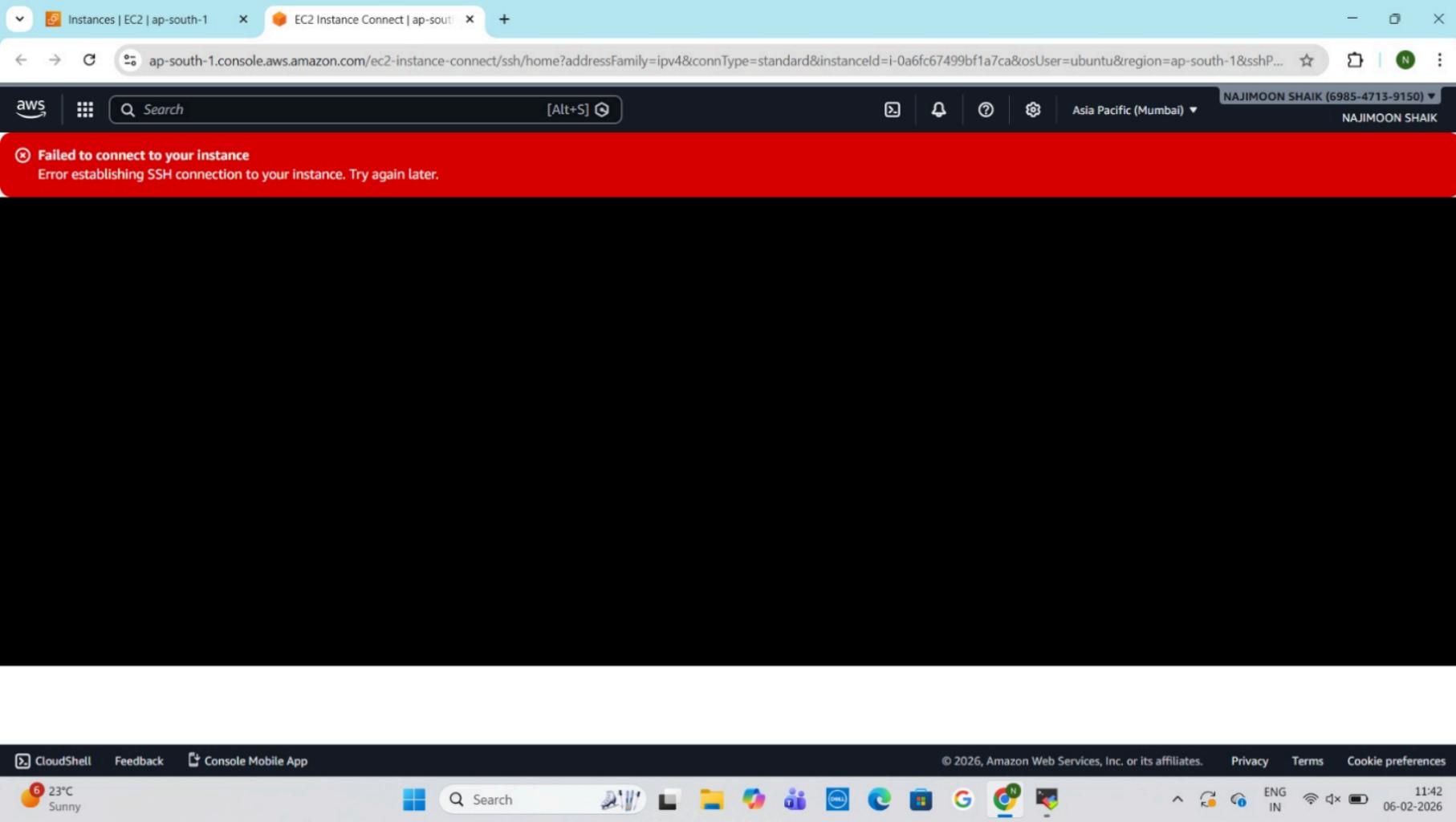
Private IP DNS name (IPv4 only): -

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3.110.77.210 (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. 3.110.77.210 (ubuntu) 3. 3.111.246.223 (ubuntu)

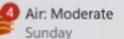
ubuntu@ip-10-0-1-108:~\$
ubuntu@ip-10-0-1-108:~\$
ubuntu@ip-10-0-1-108:~\$ ss-keygen
Command 'ss-keygen' not found, did you mean:
 command 'ssh-keygen' from deb openssh-client (1:9.6p1-3ubuntu13.14)
Try: sudo apt install <deb name>
ubuntu@ip-10-0-1-108:~\$ ssh-keygen
Generating public/private ed25519 key pair.
Enter file in which to save the key (/home/ubuntu/.ssh/id_ed25519):
Enter passphrase (empty for no passphrase):
Enter same passphrase again:
Your identification has been saved in /home/ubuntu/.ssh/id_ed25519
Your public key has been saved in /home/ubuntu/.ssh/id_ed25519.pub
The key fingerprint is:
SHA256:P9iUMpr2EIi9i3UHdv8IRrR8iAMJ1Aue50pYvXJDWyo ubuntu@ip-10-0-1-108
The key's randomart image is:
+--[ED25519 256]--
| ..o.. .
| o o. + o
| + o .o * o
| o+.. o * .
| .oo . S * + .
| o o.. X o +
| + ...=* o + .
| . E *o o .
| + . .
+---[SHA256]---
ubuntu@ip-10-0-1-108:~\$ ssh-copy-id ubuntu@
/usr/bin/ssh-copy-id: INFO: Source of key(s) to be installed: "/home/ubuntu/.ssh/id_ed25519.pub"
/usr/bin/ssh-copy-id: INFO: attempting to log in with the new key(s), to filter out any that are already installed

/usr/bin/ssh-copy-id: ERROR: ssh: Could not resolve hostname : Name or service not known

ubuntu@ip-10-0-1-108:~\$ ssh-copy-id ubuntu@10.0.10.56

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3.110.77.210 (ubuntu)

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

X server Exit

Quick connect... 2. 3.110.77.210 (ubuntu) 3. 3.111.246.223 (ubuntu)

ubuntu@ip-10-0-1-108:~\$ vi awsb12key.pem

/home/ubuntu/
Name .. .cache .ssh .bash_logout .bashrc .profile .Xauthority

Remote monitoring Follow terminal folder

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Air: Moderate Sunday

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3.110.77.210 (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. 3.110.77.210 (ubuntu) 3. 3.111.246.223 (ubuntu)

/home/ubuntu/

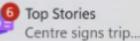
- Name
- ..
- .cache
- .ssh
- .bash_logout
- .bashrc
- .profile
- .Xauthority

```
ubuntu@ip-10-0-1-108:~$ vi awsb12key.pem
ubuntu@ip-10-0-1-108:~$ ssh -i awsb12key.pem ubuntu@10.0.10.56
Warning: Identity file awsb12key.pem ubuntu@10.0.10.56 not accessible: No such file or directory.
usage: ssh [-46AaCfGgKkMNqsITvXXYy] [-B bind_interface] [-b bind_address]
           [-c cipher_spec] [-D [bind_address:]port] [-E log_file]
           [-e escape_char] [-F configfile] [-I pkcs11] [-i identity_file]
           [-J destination] [-L address] [-l login_name] [-m mac_spec]
           [-o ctl_cmd] [-O option] [-P tag] [-p port] [-R address]
           [-S ctl_path] [-W host:port] [-w local_tun[:remote_tun]]
           destination [command [argument ...]]
           ssh [-Q query_option]
ubuntu@ip-10-0-1-108:~$ ls -l
total 8
-rw-r--r-- 1 ubuntu ubuntu 1681 Feb  6 06:19 awsb12.pem
-rw-r--r-- 1 ubuntu ubuntu 1681 Feb  6 06:19 awsb12key.pem
ubuntu@ip-10-0-1-108:~$ chmod 400 awsb12key.pem
ubuntu@ip-10-0-1-108:~$ la -l
total 36
-rw----- 1 ubuntu ubuntu 59 Feb  6 06:10 .Xauthority
-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 Feb  6 06:10 .cache
-rw-r--r-- 1 ubuntu ubuntu 807 Mar 31 2024 .profile
drwx----- 2 ubuntu ubuntu 4096 Feb  6 06:16 .ssh
-rw----- 1 ubuntu ubuntu 878 Feb  6 06:19 .viminfo
-rw-rw-r-- 1 ubuntu ubuntu 1681 Feb  6 06:19 awsb12.pem
-r----- 1 ubuntu ubuntu 1681 Feb  6 06:19 awsb12key.pem
ubuntu@ip-10-0-1-108:~$ ssh -i awsb12key.pem ubuntu@10.0.10.56
Load key "awsb12key.pem": error in libcrypto
ubuntu@10.0.10.56: Permission denied (publickey).
ubuntu@ip-10-0-1-108:~$ ls -l
total 8
-rw-r--r-- 1 ubuntu ubuntu 1681 Feb  6 06:19 awsb12.pem
-r----- 1 ubuntu ubuntu 1681 Feb  6 06:19 awsb12key.pem
ubuntu@ip-10-0-1-108:~$ chmod 400 awsb12key.pem
ubuntu@ip-10-0-1-108:~$ ls -l
total 8
-rw-r--r-- 1 ubuntu ubuntu 1681 Feb  6 06:19 awsb12.pem
-r----- 1 ubuntu ubuntu 1681 Feb  6 06:19 awsb12key.pem
ubuntu@ip-10-0-1-108:~$
```

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