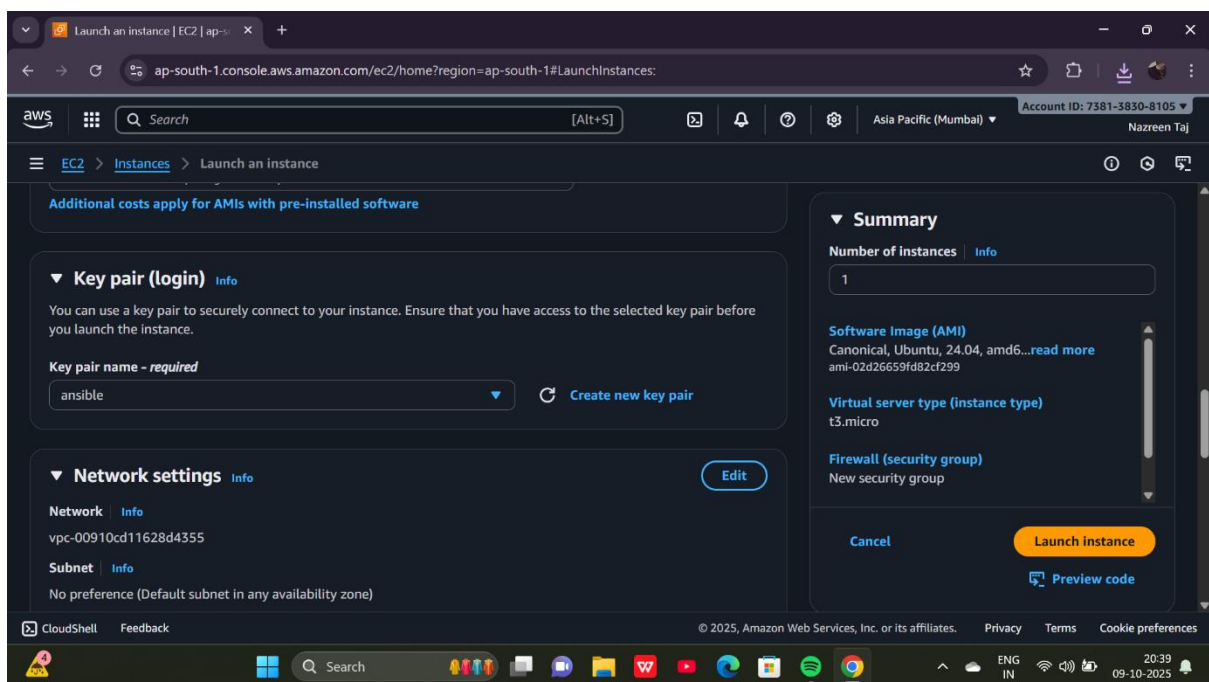
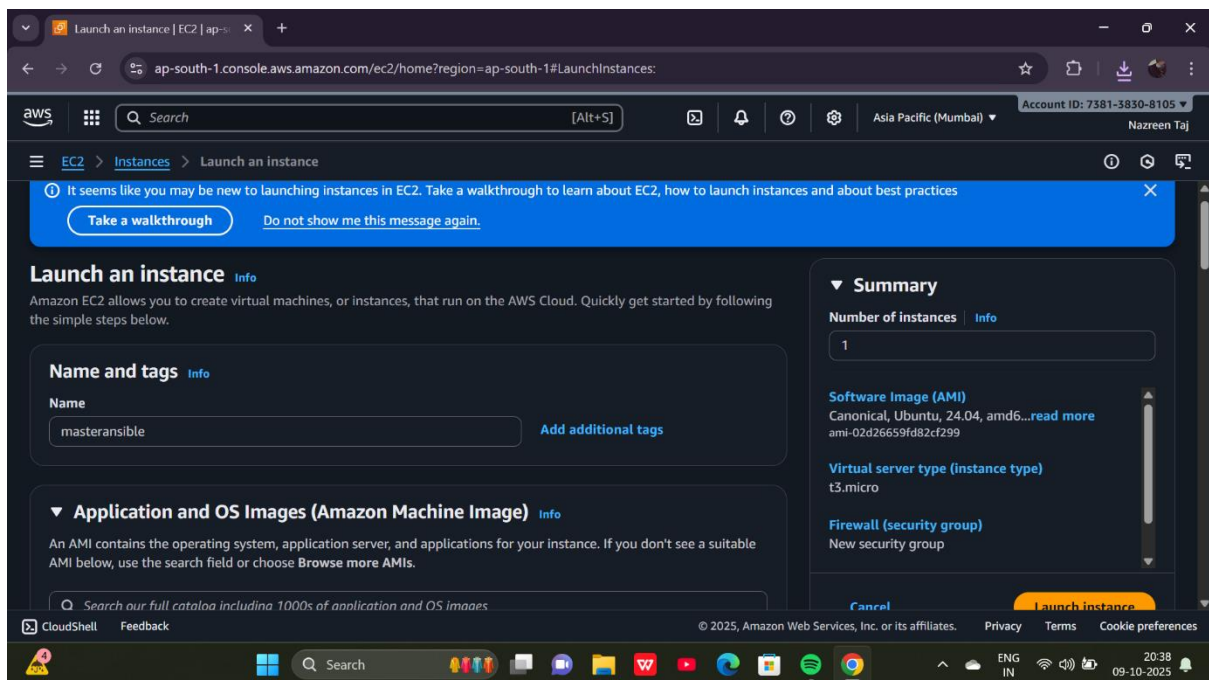


# Ansible installation.



Launch an instance | EC2 | ap-south-1

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

Success  
Successfully initiated launch of instance (i-0d328cf11dc4af89c)

Launch log

Next Steps

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

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](#)

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 EBS snapshot policy  
Create a policy that automates the creation, retention, and deletion of EBS snapshots  
[Create EBS snapshot policy](#)

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20:39 09-10-2025

Instances | EC2 | ap-south-1

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

EC2

Instances (4) Info  
Last updated less than a minute ago

Find Instance by attribute or tag (case-sensitive)

All states

	Name	Instance ID	Instance state	Instance type	Status check	Alarm status
<input type="checkbox"/>	masteransible	i-0d328cf11dc4af89c	Running	t3.micro	Initializing	<a href="#">View alarms +</a>
<input type="checkbox"/>	git	i-067fe068cc08dbc29	Stopped	t3.micro	-	<a href="#">View alarms +</a>
<input type="checkbox"/>	masterjenkins	i-0c38d9a64b2b7fa6a	Stopped	t3.micro	-	<a href="#">View alarms +</a>

Select an instance

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20:39 09-10-2025

Instances | EC2 | ap-south-1

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

Search [Alt+S] Asia Pacific (Mumbai) Account ID: 7381-3830-8105 Nazreen Taj

EC2 > Instances

### Instances (5) Info

Last updated less than a 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
<input type="checkbox"/>	slaveansible	i-0e5a3fc1c24d11af5	Running	t3.micro	Initializing	View alarms +
<input type="checkbox"/>	masteransible	i-0d328cf11dc4af89c	Running	t3.micro	Initializing	View alarms +
<input type="checkbox"/>	git	i-067fe068cc08dbc29	Stopped	t3.micro	-	View alarms +

Select an instance

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20:40 09-10-2025

Connect to instance | EC2 | ap-south-1

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-0d328cf11dc4af89c

Search [Alt+S] Asia Pacific (Mumbai) Account ID: 7381-3830-8105 Nazreen Taj

EC2 > Instances > i-0d328cf11dc4af89c > Connect to instance

### Connect Info

Connect to an instance using the browser-based client.

EC2 Instance Connect Session Manager SSH client EC2 serial console

Instance ID  
i-0d328cf11dc4af89c (masteransible)

Connection type

☒ Connect using a Public IP  
Connect using a public IPv4 or IPv6 address

☐ Connect using a Private IP  
Connect using a private IP address and a VPC endpoint

Public IPv4 address  
13.127.185.126

IPv6 address

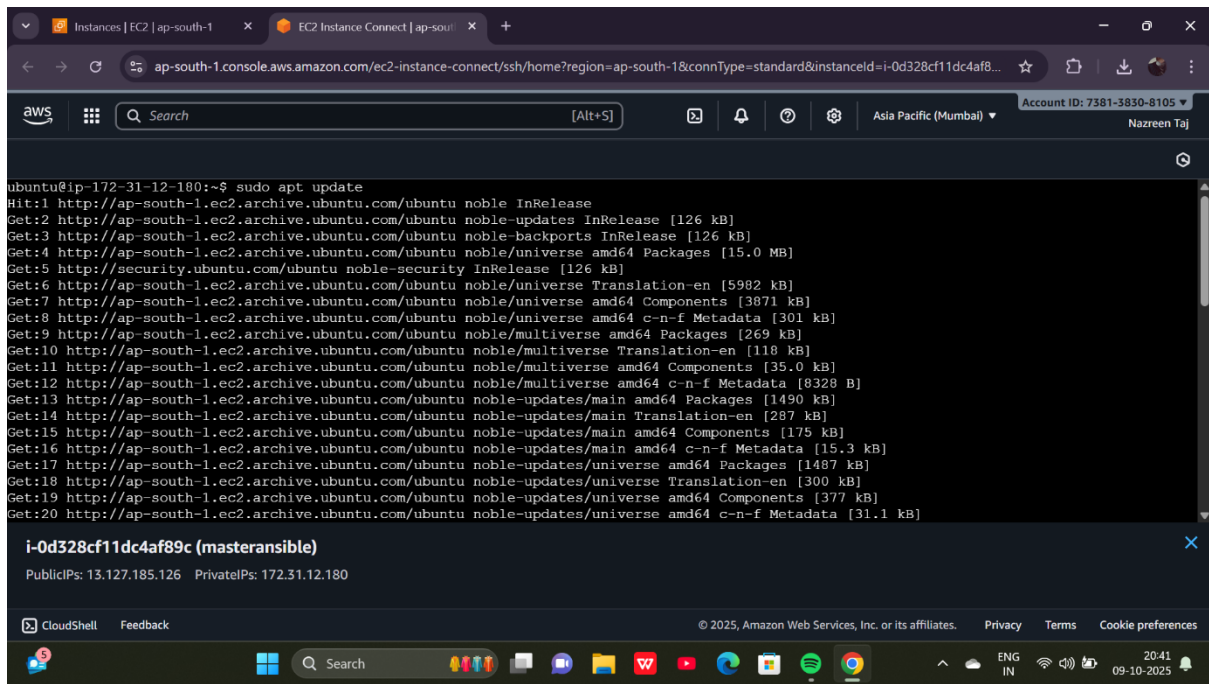
Username  
Enter the username defined in the AMI used to launch the instance. If you didn't define a custom username, use the default username, ubuntu.

ubuntu

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```
ubuntu@ip-172-31-12-180:~$ sudo apt install ansible
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
  ansible-core python3-argcomplete python3-dnspython python3-kerberos python3-libcloud python3-lockfile python3-ntlm-auth python3-passlib
  python3-requests-ntlm python3-resolverlib python3-selinux python3-simplejson python3-winrm python3-xmltodict
Suggested packages:
  cowsay sshpass python3-trio python3-aiouic python3-h2 python3-httpx python3-httpcore python-lockfile-doc
The following NEW packages will be installed:
  ansible ansible-core python3-argcomplete python3-dnspython python3-kerberos python3-libcloud python3-lockfile python3-ntlm-auth
  python3-passlib python3-requests-ntlm python3-resolverlib python3-selinux python3-simplejson python3-winrm python3-xmltodict
0 upgraded, 15 newly installed, 0 to remove and 52 not upgraded.
Need to get 19.5 MB of archives.
After this operation, 315 MB of additional disk space will be used.
Do you want to continue? [Y/n] y
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 python3-resolverlib all 1.0.1-1 [25.7 kB]
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/main amd64 python3-dnspython all 2.6.1-1ubuntu1 [163 kB]
Get:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 ansible-core all 2.16.3-0ubuntu2 [1280 kB]
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 ansible all 9.2.0+dfsg-0ubuntu5 [16.4 MB]
Get:5 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 python3-argcomplete all 3.1.4-1ubuntu0.1 [33.8 kB]
i-0d328cf11dc4af89c (masteransible)
PublicIPs: 13.127.185.126 PrivateIPs: 172.31.12.180
```

```
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.
ubuntu@ip-172-31-12-180:~$ ansible --version
ansible [core 2.16.3]
  config file = None
  configured module search path = ['/home/ubuntu/.ansible/plugins/modules', '/usr/share/ansible/plugins/modules']
  ansible python module location = /usr/lib/python3/dist-packages/ansible
  ansible collection location = /home/ubuntu/.ansible/collections:/usr/share/ansible/collections
  executable location = /usr/bin/ansible
  python version = 3.12.3 (main, Jun 18 2025, 17:59:45) [GCC 13.3.0] (/usr/bin/python3)
  jinja version = 3.1.2
  libyaml = True
ubuntu@ip-172-31-12-180:~$
```

```
ubuntu@ip-172-31-12-180:~$ 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:tmYHmADKoa6NM4SJeot/o1PJO+tU09nOah2Q8ysDK68 ubuntu@ip-172-31-12-180
The key's randomart image is:
+--[ED25519 256]--+
| ..
|o...
|o. . .
|+. .+o
|+o . .++S
|+o =. =oo
|* o..++.=o.
| =oo* ++o.
|..EO+=.+o
+----[SHA256]-----+

i-Od328cf11dc4af89c (masteransible)
PublicIPs: 13.127.185.126 PrivateIPs: 172.31.12.180

CloudShell Feedback
```

```
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:tmYHmADKoa6NM4SJeot/o1PJO+tU09nOah2Q8ysDK68 ubuntu@ip-172-31-12-180
The key's randomart image is:
+--[ED25519 256]--+
| ..
|o...
|o. . .
|+. .+o
|+o . .++S
|+o =. =oo
|* o..++.=o.
| =oo* ++o.
|..EO+=.+o
+----[SHA256]-----+
ubuntu@ip-172-31-12-180:~$
```

```
+----[SHA256]-----+
ubuntu@ip-172-31-12-180:~$ ls -ltr .ssh
total 12
-rw-r----- 1 ubuntu ubuntu 389 Oct  9 15:09 authorized_keys
-rw-r----- 1 ubuntu ubuntu 419 Oct  9 15:15 id_ed25519
-rw-r----- 1 ubuntu ubuntu 105 Oct  9 15:15 id_ed25519.pub
ubuntu@ip-172-31-12-180:~$
```





Instances | EC2 | ap-south-1 x EC2 Instance Connect | ap-south-1 x EC2 Instance Connect | ap-south-1 x +

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-south-1&connType=standard&instanceId=i-0e5a3fc1c24d11a... ☆ 📄 📌

aws Search [Alt+S] Asia Pacific (Mumbai) Account ID: 7381-3830-8105 Nazreen Taj

```
ssh-rsa AAAAB3NzaC1yc2EAAAADAQABAAQDNRx0+J+62atQ777uZypEPMe+Wo7Vm/pz+cGnC4wQ6yBdj24e4850SnBz6oyrgkx/GmD7PPx1QQ1SEdsy1Qk1RvuYWamFc321jkrvV4pQGHnsxajrraG+IM4lpF3QxyBNkFac/pk/e8lQGx5HsOEHLDT+0qPd2VvKMeNnvEOCZ3sUc8fuqB0d/DNRbA05hA4SSA71P+YsNzamoDvN1rGVW5KY12iDLIMjLJ0D3OU8WbReKrGDokiszmbo66y2EDVggaG5rBT8Fn8OappgIKruVGyCy27e8exEnMURC/BCYGS9t15inXW1J8XLqs8z4NUNFj261r9q01eTX92cPPKx1 ansible
```

i-0e5a3fc1c24d11af5 (slaveansible) PublicIPs: 15.207.247.120 PrivateIPs: 172.31.14.95

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Instances | EC2 | ap-south-1 x EC2 Instance Connect | ap-south-1 x EC2 Instance Connect | ap-south-1 x +

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-south-1&connType=standard&instanceId=i-0e5a3fc1c24d11a... ☆ 📄 📌

aws Search [Alt+S] Asia Pacific (Mumbai) Account ID: 7381-3830-8105 Nazreen Taj

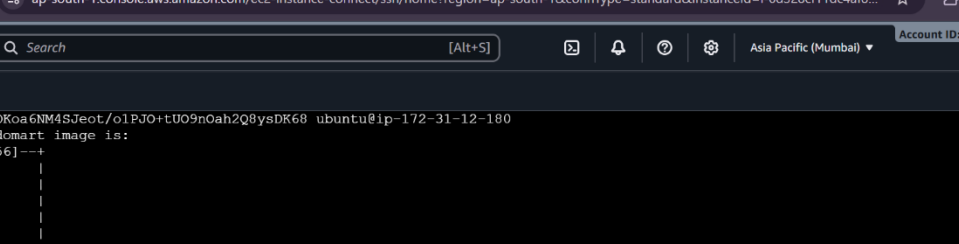
```
ubuntu@ip-172-31-14-95:~$ ls -ltr .ssh
total 4
-rw----- 1 ubuntu ubuntu 389 Oct  9 15:10 authorized_keys
ubuntu@ip-172-31-14-95:~$ vim .ssh/authorized_keys
ubuntu@ip-172-31-14-95:~$
```

i-0e5a3fc1c24d11af5 (slaveansible) PublicIPs: 15.207.247.120 PrivateIPs: 172.31.14.95

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The screenshot shows a web browser window with the AWS Management Console terminal. The browser's address bar displays the URL: `ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?region=ap-south-1&connType=standard&instanceId=i-0d328cf11dc4af8...`. The terminal output shows the result of a `cat` command, displaying a random image and the output of an `ls -ltr .ssh` command, which lists authorized keys. The browser's top bar shows the AWS logo, a search bar, and the region 'Asia Pacific (Mumbai)'. The terminal window title is 'i-0d328cf11dc4af89c (masteransible)'.

```
SHA256:tmYHmADKoa6NM4SJeot/o1PJO+U009nOah2Q8ysDK68 ubuntu@ip-172-31-12-180
The key's randomart image is:
+--[ED25519 256]--+
|..                |
|o...             |
|o. . .           |
|+. .+o           |
|+o . .++S        |
|+o =. =oo        |
|* o..+.+o.       |
|=oo* +*o.        |
|..EO+=.+o        |
+-----[SHA256]-----+
ubuntu@ip-172-31-12-180:~$ ls -ltr .ssh
total 12
-rw----- 1 ubuntu ubuntu 389 Oct  9 15:09 authorized_keys
-rw----- 1 ubuntu ubuntu 419 Oct  9 15:15 id_ed25519
-rw-r--r-- 1 ubuntu ubuntu 105 Oct  9 15:15 id_ed25519.pub
ubuntu@ip-172-31-12-180:~$ ssh slaveansible
ssh: Could not resolve hostname slaveansible: Temporary failure in name resolution
ubuntu@ip-172-31-12-180:~$
```