

Launch an instance | EC2 | ap-south-1

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

New Chrome available

aws Search [Alt+S]

Account ID: 3546-3028-6735

Sajin Farook

EC2 Instances Launch an instance

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

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

Name: jenkins demo

Add additional tags

Application and OS Images (Amazon Machine Image)

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

Amazon Linux macOS Ubuntu Windows Red Hat SUSE Linux Debian

Browse more AMIs

Summary

Number of instances: 1

Software Image (AMI): Amazon Linux 2023.9.2...read more
ami-0305d3d91b9f22e84

Virtual server type (instance type): t3.micro

Firewall (security group): New security group

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

Cancel Launch instance Preview code

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Cloud Shell ENG US 21:24 06-11-2025

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

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**

Amazon Linux macOS Ubuntu Windows Red Hat SUSE Linux Debian

Amazon Machine Image (AMI)

Ubuntu Server 24.04 LTS (HVM), SSD Volume Type
ami-02b8269d5e85954ef (64-bit (x86)) / ami-027308df79a86d22c (64-bit (Arm))
Virtualization: hvm ENA enabled: true Root device type: ebs

Free tier eligible

Summary

Number of instances [Info](#)

1

Software Image (AMI)
Amazon Linux 2023 AMI 2023.9.2... [read more](#)
ami-0305d3d91bf22e84

Virtual server type (instance type)
t3.micro

Firewall (security group)
New security group

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

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

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

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Launch an instance | EC2 | ap-south-1

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EC2 Instances Launch an instance

Create key pair

Key pair name: jkns

Key pair type: RSA

Private key file format: .pem

Summary

Number of instances: 0

Image (AMI): Canonical, Ubuntu, 24.04, amd64 - read more

Instance type (instance type): t2.micro

Security group (security group): Default

Volumes (volumes): Volume(s) - 8 GiB

Launch instance

Cancel

Preview code

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ENG US 21:26 06-11-2025

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] Account ID: 3546-3028-6735

Instances > Launch an instance

Launching instance
Creating security group rules 33%

Details

Please wait while we launch your instance.
Do not close your browser while this is loading.

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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:

aws | Search [Alt+S] | Account ID: 3546-3028-6735 | Asia Pacific (Mumbai) | Sajin Farook | New Chrome available

EC2 > Instances > Launch an instance

Success
Successfully initiated launch of Instance (i-039a53d9c8a0136a6)

▶ Launch log

Next Steps

Q 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 ↗

Manage detailed monitoring

CloudShell Feedback Console Mobile App

Create Load Balancer

Create AWS bucket

Markup and share

Snipping Tool

Screenshot copied to clipboard
Automatically saved to screenshots folder.

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Windows Search icon | Cloud Shell | Feedback | Console Mobile App | Create Load Balancer | Create AWS bucket | Markup and share | Snipping Tool | © 2025, Amazon Web Services, Inc. or its affiliates. All rights reserved. Privacy Terms | ENG US | 21:26 | 06-11-2025

Launch an instance | EC2 | ap-south-1 | Connect to instance | EC2 | ap-south-1 | +

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ConnectToInstance:instanceId=i-039a53d9c8a0136a6

New Chrome available

aws Search [Alt+S] Account ID: 3546-3028-6735 Sajin Farook

EC2 Instances i-039a53d9c8a0136a6 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-039a53d9c8a0136a6 (jenkins demo)

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
65.0.5.49

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

ⓘ Note: In most cases, the default username, ubuntu, is correct. However, read your AMI usage instructions to check if the AMI owner has changed the default AMI username.

Cancel Connect

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ubuntu@ip-172-31-7-52:~\$ sudo apt update

```
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease [126 kB]
Get:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease [126 kB]
Get:4 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Packages [15.0 MB]
Get:5 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe Translation-en [5982 kB]
Get:6 http://security.ubuntu.com/ubuntu noble-security InRelease [126 kB]
Get:7 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 Components [3871 kB]
Get:8 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/universe amd64 c-n-f Metadata [301 kB]
Get:9 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Packages [269 kB]
Get:10 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse Translation-en [118 kB]
Get:11 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 Components [35.0 kB]
Get:12 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble/multiverse amd64 c-n-f Metadata [8328 B]
Get:13 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Packages [1584 kB]
Get:14 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main Translation-en [298 kB]
Get:15 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 Components [175 kB]
Get:16 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 c-n-f Metadata [15.7 kB]
Get:17 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Packages [1498 kB]
Get:18 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe Translation-en [303 kB]
Get:19 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 Components [378 kB]
Get:20 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/universe amd64 c-n-f Metadata [31.4 kB]
Get:21 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Packages [2240 kB]
Get:22 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted Translation-en [508 kB]
Get:23 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/restricted amd64 Components [212 B]
Get:24 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Packages [30.3 kB]
Get:25 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse Translation-en [5564 B]
Get:26 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 Components [940 B]
Get:27 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/multiverse amd64 c-n-f Metadata [484 B]
```

i-039a53d9c8a0136a6 (jenkins demo)

PublicIPs: 65.0.5.49 PrivatelPs: 172.31.7.52

Launch an instance | EC2 | ap-sou... Instances | EC2 | ap-south-1 EC2 Instance Connect | ap-south-1

Search [Alt+S] Account ID: 3546-3028-6735 Sajin Farook

```
Get:33 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe Translation-en [17.5 kB]
Get:34 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 Components [11.0 kB]
Get:35 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/universe amd64 c-n-f Metadata [1444 B]
Get:36 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 Components [212 B]
Get:37 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/restricted amd64 c-n-f Metadata [116 B]
Get:38 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 Components [212 B]
Get:39 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports/multiverse amd64 c-n-f Metadata [116 B]
Get:40 http://security.ubuntu.com/ubuntu noble-security/main amd64 Packages [1301 kB]
Get:41 http://security.ubuntu.com/ubuntu noble-security/main Translation-en [214 kB]
Get:42 http://security.ubuntu.com/ubuntu noble-security/main amd64 Components [21.5 kB]
Get:43 http://security.ubuntu.com/ubuntu noble-security/main amd64 c-n-f Metadata [9336 B]
Get:44 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Packages [906 kB]
Get:45 http://security.ubuntu.com/ubuntu noble-security/universe Translation-en [203 kB]
Get:46 http://security.ubuntu.com/ubuntu noble-security/universe amd64 Components [52.3 kB]
Get:47 http://security.ubuntu.com/ubuntu noble-security/universe amd64 c-n-f Metadata [19.4 kB]
Get:48 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Packages [2131 kB]
Get:49 http://security.ubuntu.com/ubuntu noble-security/restricted Translation-en [483 kB]
Get:50 http://security.ubuntu.com/ubuntu noble-security/restricted amd64 Components [212 B]
Get:51 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Packages [27.4 kB]
Get:52 http://security.ubuntu.com/ubuntu noble-security/multiverse Translation-en [5708 B]
Get:53 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 Components [212 B]
Get:54 http://security.ubuntu.com/ubuntu noble-security/multiverse amd64 c-n-f Metadata [384 B]
Fetched 38.6 MB in 7s (5835 kB/s)
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
9 packages can be upgraded. Run 'apt list --upgradable' to see them.
ubuntu@ip-172-31-7-52:~$
```

i-039a53d9c8a0136a6 (jenkins demo)

Public IPs: 65.0.5.49 Private IPs: 172.31.7.52

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ubuntu@ip-172-31-7-52:~\$ sudo apt install openjdk-8-jdk -y

Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
adwaita-icon-theme alsal-ucm-conf at-spi2-common at-spi2-core ca-certificates-java dconf-gsettings-backend dconf-service fontconfig fontconfig-config fonts-dejavu-core fonts-dejavu-extra fonts-dejavu-mono gsettings-desktop-schemas gtk-update-icon-cache hicolor-icon-theme humanity-icon-theme java-common libasound2-data libasound2t64 libasyncns0 libatk-bridge2.0-0t64 libatk-wrapper-java libatk-wrapper-jni libatk1.0-0t64 libatspi2.0-0t64 libavahi-client3 libavahi-common-data libavahi-common3 libcairo-gobject2 libcairo2 libcupst64 libdatriel libdconf libdeflate0 libdrm-amdgpu libdrm-intel libflac12t64 libfontconfig1 libgail-common libgail18t64 libgbml libgdk-pixbuf-2.0-0 libgdk-pixbuf2.0-bin libgdk-pixbuf2.0-common libgif7 libgl1 libgl1-mesa-dri libglvnd0 libglx-mesa0 libglx0 libgraphite2-3 libgtk2.0-0t64 libgtk2.0-bin libgtk2.0-common libharfbuzz0b libice-dev libice6 libjbigr0 libjpeg-turbo0 libjpeg8 liblcms2-2 liblerc4 liblvm20 libmpg123-0t64 libogg0 libopus0 libpango-1.0-0 libpangocaliro-1.0-0 libpangoft2-1.0-0 libpcaccess0 libpcsc-lite1 libpixman-1-0 libpthread-stubs0-dev libpulse0 librsvg2-2 librsvg2-common libsharpuy0 libsm-dev libsm6 libsndfile libthai-data libthai0 libtiff6 libvorbis0a libvorbisenc2 libvulkan1 libwayland-client0 libwayland-server0 libwebp7 libx11-dev libx11-xcb libxau-dev libxaw7 libxcb-dri3-0 libxcb-glx0 libxcb-present0 libxcb-randr0 libxcb-render0 libxcb-shm0 libxcb-sync1 libxcb-xfixes0 libxcb1-dev libxcompositel libxcursor1 libxdamage1 libxdmcp-dev libxfixed3 libxft2 libxi6 libxinerama1 libxkbfile1 libxmu6 libxpm4 libxrander2 libxrender1 libxshmfence1 libxt-dev libxt6t64 libxtst6 libxv1 libxxf86dgal libxxf86wm1 mesa-libgallium mesa-vulkan-drivers openjdk-8-jdk-headless openjdk-8-jre openjdk-8-jre-headless session-migration ubuntu-mono x11-common x11-utils x11proto-dev xorg-sgml-doctools xtrans-dev
Suggested packages:
default-jre alsal-utils libasound2-plugins cups-common gvfs libice-doc liblcms2-utils opus-tools pcscd pulseaudio librsvg2-bin libsm-doc libx11-doc libxcb-doc libxt-doc openjdk-8-demo openjdk-8-source visualvm libnss-mdns fonts-nanum fonts-ipafont-gothic fonts-ipafont-mincho fonts-wqy-microhei fonts-wqy-zenhei fonts-indic mesa-utils
Recommended packages:
luit
The following NEW packages will be installed:
adwaita-icon-theme alsal-ucm-conf at-spi2-common at-spi2-core ca-certificates-java dconf-gsettings-backend dconf-service fontconfig fontconfig-config fonts-dejavu-core fonts-dejavu-extra fonts-dejavu-mono gsettings-desktop-schemas gtk-update-icon-cache hicolor-icon-theme humanity-icon-theme java-common libasound2-data libasound2t64 libasyncns0 libatk-bridge2.0-0t64 libatk-wrapper-java libatk-wrapper-jni libatk1.0-0t64 libatspi2.0-0t64

i-039a53d9c8a0136a6 (jenkins demo)

Public IPs: 65.0.5.49 Private IPs: 172.31.7.52

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Launch an instance | EC2 | ap-southeast-1 | Instances | EC2 | ap-south-1 | EC2 Instance Connect | ap-south-1

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-039a53d9c8a0136a6&osUser=ubuntu®ion=ap-south-1

New Chrome available

aws Search [Alt+S] Account ID: 3546-3028-6735 Asia Pacific (Mumbai) Sajin Farook

```
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/bin/jstatd to provide /usr/bin/jstatd (jstatd) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/bin/native2ascii to provide /usr/bin/native2ascii (native2ascii) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/bin/rmic to provide /usr/bin/rmic (rmic) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/bin/schemagen to provide /usr/bin/schemagen (schemagen) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/bin/serialver to provide /usr/bin/serialver (serialver) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/bin/wsgen to provide /usr/bin/wsgen (wsgen) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/bin/wsimport to provide /usr/bin/wsimport (wsimport) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/bin/xjc to provide /usr/bin/xjc (xjc) in auto mode
Setting up openjdk-8-jre:amd64 (8u462+ga-us1~Ubuntu2~24.04.2) ...
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/policytool to provide /usr/bin/policytool (policytool) in auto mode
Setting up openjdk-8-jdk:amd64 (8u462+ga-us1~Ubuntu2~24.04.2) ...
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/bin/appletviewer to provide /usr/bin/appletviewer (appletviewer) in auto mode
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/bin/jconsole to provide /usr/bin/jconsole (jconsole) in auto mode
Processing triggers for libc-bin (2.39-0ubuntu0.6) ...
Processing triggers for libgdk-pixbuf-2.0-0:amd64 (2.42.10+dfsg-3ubuntu3.2) ...
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.
ubuntu@ip-172-31-7-52:~$
```

i-039a53d9c8a0136a6 (jenkins demo)

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Launch an instance | EC2 | ap-southeast-1 Instances | EC2 | ap-south-1 EC2 Instance Connect | ap-south-1 Debian Jenkins Packages

ap-south-1.console.aws.amazon.com/ec2-instance-connect/ssh/home?addressFamily=ipv4&connType=standard&instanceId=i-039a53d9c8a0136a6&osUser=ubuntu&... New Chrome available

aws Search [Alt+S] Account ID: 3546-3028-6735 Sajin Farook

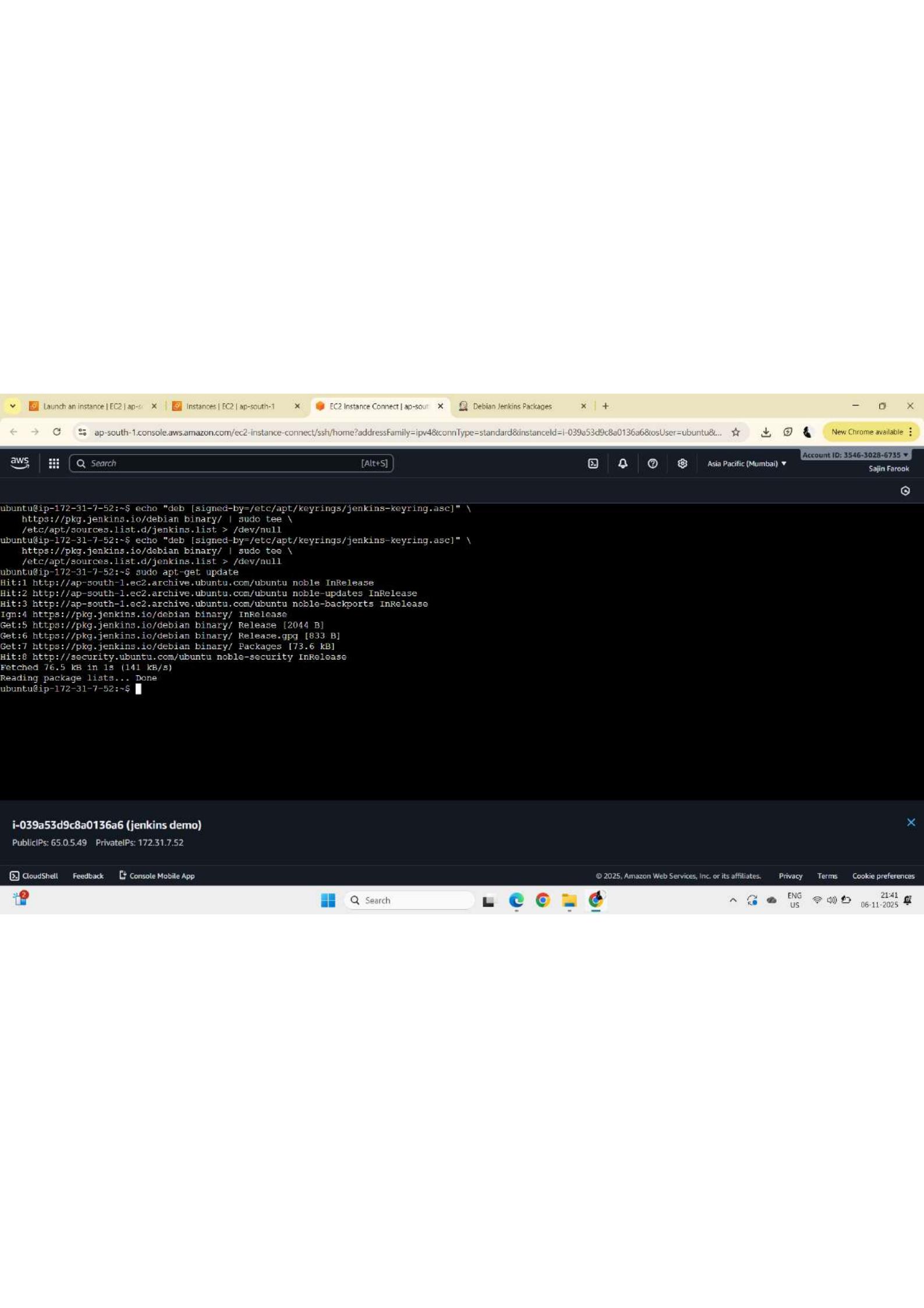
```
ubuntu@ip-172-31-7-52:~$ sudo wget -O /etc/apt/keyrings/jenkins-keyring.asc \
  https://pkg.jenkins.io/debian/jenkins.io-2023.key
--2025-11-06 16:08:50-- https://pkg.jenkins.io/debian/jenkins.io-2023.key
Resolving pkg.jenkins.io (pkg.jenkins.io)... 151.101.210.133, 2a04:4e42:31::645
Connecting to pkg.jenkins.io (pkg.jenkins.io)|151.101.210.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 3175 (3.1K) [application/pgp-keys]
Saving to: '/etc/apt/keyrings/jenkins-keyring.asc'

/etc/apt/keyrings/jenkins-keyring.asc    100%[=====] 3.10K --.-KB/s   in 0s
2025-11-06 16:08:51 (45.2 MB/s) - '/etc/apt/keyrings/jenkins-keyring.asc' saved (3175/3175)
ubuntu@ip-172-31-7-52:~$
```

i-039a53d9c8a0136a6 (jenkins demo)

Public IPs: 65.0.5.49 Private IPs: 172.31.7.52

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```
ubuntu@ip-172-31-7-52:~$ echo "deb [signed-by=/etc/apt/keyrings/jenkins-keyring.asc]" \
https://pkg.jenkins.io/debian binary/ | sudo tee \
/etc/apt/sources.list.d/jenkins.list > /dev/null
ubuntu@ip-172-31-7-52:~$ echo "deb [signed-by=/etc/apt/keyrings/jenkins-keyring.asc]" \
https://pkg.jenkins.io/debian binary/ | sudo tee \
/etc/apt/sources.list.d/jenkins.list > /dev/null
ubuntu@ip-172-31-7-52:~$ sudo apt-get update
Hit:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble InRelease
Hit:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates InRelease
Hit:3 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-backports InRelease
Ign:4 https://pkg.jenkins.io/debian binary/ InRelease
Get:5 https://pkg.jenkins.io/debian binary/ Release [2044 B]
Get:6 https://pkg.jenkins.io/debian binary/ Release.gpg [833 B]
Get:7 https://pkg.jenkins.io/debian binary/ Packages [73.6 kB]
Hit:8 http://security.ubuntu.com/ubuntu noble-security InRelease
Fetched 76.5 kB in 1s (141 kB/s)
Reading package lists... Done
ubuntu@ip-172-31-7-52:~$
```

i-039a53d9c8a0136a6 (jenkins demo)

Public IPs: 65.0.5.49 Private IPs: 172.31.7.52

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Launch an instance | EC2 | ap-southeast-1 Instances | EC2 | ap-south-1 EC2 Instance Connect | ap-south-1 Debian Jenkins Packages

Search [Alt+S] Account ID: 3546-3028-6735 Sajin Farook

```
ubuntu@ip-172-31-7-52:~$ sudo apt-get install fontconfig openjdk-17-jre
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
fontconfig is already the newest version (2.15.0-1.1ubuntu2).
fontconfig set to manually installed.
Suggested packages:
  libnss-mdns fonts-ipafont-gothic fonts-ipafont-mincho fonts-wqy-microhei fonts-wqy-zenhei fonts-indic
The following NEW packages will be installed:
  openjdk-17-jre openjdk-17-jre-headless
0 upgraded, 2 newly installed, 0 to remove and 9 not upgraded.
Need to get 48.2 MB of archives.
After this operation, 194 MB of additional disk space will be used.
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 openjdk-17-jre-headless amd64 17.0.16+8~us1~0ubuntul~24.04.1 [48.0 MB]
Get:2 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 openjdk-17-jre amd64 17.0.16+8~us1~0ubuntul~24.04.1 [227 kB]
Fetched 48.2 MB in 1s (88.0 MB/s)
Selecting previously unselected package openjdk-17-jre-headless:amd64.
(Reading database ... 87187 files and directories currently installed.)
Preparing to unpack .../openjdk-17-jre-headless_17.0.16+8~us1~0ubuntul~24.04.1_amd64.deb ...
Unpacking openjdk-17-jre-headless:amd64 (17.0.16+8~us1~0ubuntul~24.04.1) ...
Selecting previously unselected package openjdk-17-jre:amd64.
Preparing to unpack .../openjdk-17-jre_17.0.16+8~us1~0ubuntul~24.04.1_amd64.deb ...
Unpacking openjdk-17-jre:amd64 (17.0.16+8~us1~0ubuntul~24.04.1) ...
Setting up openjdk-17-jre-headless:amd64 (17.0.16+8~us1~0ubuntul~24.04.1) ...
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/bin/java to provide /usr/bin/java (java) in auto mode
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/bin/jpackage to provide /usr/bin/jpackage (jpackage) in auto mode
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/bin/keytool to provide /usr/bin/keytool (keytool) in auto mode
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/bin/rmiregistry to provide /usr/bin/rmiregistry (rmiregistry) in auto mode
```

i-039a53d9c8a0136a6 (jenkins demo)

Public IPs: 65.0.5.49 Private IPs: 172.31.7.52

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Launch an instance | EC2 | ap-southeast-1 | Instances | EC2 | ap-south-1 | EC2 Instance Connect | ap-south-1 | Debian Jenkins Packages

Search [Alt+S]

aws Account ID: 3546-3028-6735 Sajin Farook

```
Preparing to unpack .../openjdk-17-jre-headless_17.0.16+8~us1~0ubuntu1~24.04.1_amd64.deb ...
Unpacking openjdk-17-jre-headless:amd64 (17.0.16+8~us1~0ubuntu1~24.04.1) ...
Selecting previously unselected package openjdk-17-jre:amd64.
Preparing to unpack .../openjdk-17-jre_17.0.16+8~us1~0ubuntu1~24.04.1_amd64.deb ...
Unpacking openjdk-17-jre:amd64 (17.0.16+8~us1~0ubuntu1~24.04.1) ...
Setting up openjdk-17-jre-headless:amd64 (17.0.16+8~us1~0ubuntu1~24.04.1) ...
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/bin/java to provide /usr/bin/java (java) in auto mode
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/bin/jpackage to provide /usr/bin/jpackage (jpackage) in auto mode
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/bin/keytool to provide /usr/bin/keytool (keytool) in auto mode
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/bin/rmiregistry to provide /usr/bin/rmiregistry (rmiregistry) in auto mode
update-alternatives: using /usr/lib/jvm/java-17-openjdk-amd64/lib/jexec to provide /usr/bin/jexec (jexec) in auto mode
Processing triggers for hicolor-icon-theme (0.17-2) ...
Processing triggers for ca-certificates-java (20240118) ...
done.
Setting up openjdk-17-jre:amd64 (17.0.16+8~us1~0ubuntu1~24.04.1) ...
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.
ubuntu@ip-172-31-7-52:~$
```

i-039a53d9c8a0136a6 (jenkins demo)

Public IPs: 65.0.5.49 Private IPs: 172.31.7.52

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ubuntu@ip-172-31-7-52:~\$ sudo apt-get install jenkins
Reading package lists... Done
Building dependency tree... Done
Reading state information... Done
The following additional packages will be installed:
 net-tools
The following NEW packages will be installed:
 jenkins net-tools
0 upgraded, 2 newly installed, 0 to remove and 9 not upgraded.
Need to get 95.8 MB of archives.
After this operation, 97.0 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-updates/main amd64 net-tools amd64 2.10-0.lubuntu4.4 [204 kB]
Get:2 https://pkg.jenkins.io/debian binary/ jenkins 2.535 [95.6 MB]
Fetched 95.8 MB in 7s (14.4 MB/s)
Selecting previously unselected package net-tools.
(Reading database ... 87514 files and directories currently installed.)
Preparing to unpack .../net-tools_2.10-0.lubuntu4.4_amd64.deb ...
Unpacking net-tools (2.10-0.lubuntu4.4) ...
Selecting previously unselected package jenkins.
Preparing to unpack .../archives/jenkins_2.535_all.deb ...
Unpacking Jenkins (2.535) ...
Setting up net-tools (2.10-0.lubuntu4.4) ...
Setting up jenkins (2.535) ...
Created symlink /etc/systemd/system/multi-user.target.wants/jenkins.service → /usr/lib/systemd/system/jenkins.service.
Processing triggers for man-db (2.12.0-4build2) ...
Scanning processes...
Scanning linux images...

i-039a53d9c8a0136a6 (jenkins demo)

Public IPs: 65.0.5.49 Private IPs: 172.31.7.52

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ENG US 2144 06-11-2025

Launch an instance | EC2 | ap-sou... Instances | EC2 | ap-south-1 EC2 Instance Connect | ap-south-1 Debian Jenkins Packages

Search [Alt+S] Account ID: 3546-3028-6735 Sajin Farook

Do you want to continue? [Y/n] Y
Get:1 http://ap-south-1.ec2.archive.ubuntu.com/ubuntu noble-updates/main amd64 net-tools amd64 2.10-0.1ubuntu4.4 [204 kB]
Get:2 https://pkg.jenkins.io/debian binary/ jenkins 2.535 [95.6 MB]
Fetched 95.8 MB in 7s (14.4 MB/s)
Selecting previously unselected package net-tools.
(Reading database ... 87514 files and directories currently installed.)
Preparing to unpack .../net-tools_2.10-0.1ubuntu4.4_amd64.deb ...
Unpacking net-tools (2.10-0.1ubuntu4.4) ...
Selecting previously unselected package jenkins.
Preparing to unpack .../archives/jenkins_2.535_all.deb ...
Unpacking jenkins (2.535) ...
Setting up net-tools (2.10-0.1ubuntu4.4) ...
Setting up jenkins (2.535) ...
Created symlink /etc/systemd/system/multi-user.target.wants/jenkins.service → /usr/lib/systemd/system/jenkins.service.
Processing triggers for man-db (2.12.0-4build2) ...
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.
ubuntu@ip-172-31-7-52:~\$

i-039a53d9c8a0136a6 (jenkins demo)
Public IPs: 65.0.5.49 Private IPs: 172.31.7.52

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Launch an instance | EC2 | ap-southeast-1 Instances | EC2 | ap-south-1 EC2 Instance Connect | ap-south-1 Debian Jenkins Packages

Search [Alt+S] Account ID: 3546-3028-6735 Sajin Farook

```
ubuntu@ip-172-31-7-52:~$ sudo systemctl start jenkins
ubuntu@ip-172-31-7-52:~$ sudo systemctl enable jenkins
Synchronizing state of jenkins.service with SysV service script with /usr/lib/systemd/systemd-sysv-install.
Executing: /usr/lib/systemd/systemd-sysv-install enable jenkins
ubuntu@ip-172-31-7-52:~$ sudo systemctl status jenkins
● jenkins.service - Jenkins Continuous Integration Server
    Loaded: loaded (/usr/lib/systemd/system/jenkins.service; enabled; preset: enabled)
      Active: active (running) since Thu 2025-11-06 16:14:45 UTC; 2min 29s ago
        Main PID: 4983 (java)
       Tasks: 38 (limit: 1008)
      Memory: 311.2M (peak: 336.2M)
         CPU: 19.804s
      CGroup: /system.slice/jenkins.service
              └─4983 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080

Nov 06 16:14:39 ip-172-31-7-52 jenkins[4983]: [LF]> This may also be found at: /var/lib/jenkins/secrets/initialAdminPassword
Nov 06 16:14:39 ip-172-31-7-52 jenkins[4983]: [LF]>
Nov 06 16:14:39 ip-172-31-7-52 jenkins[4983]: [LF]> ****
Nov 06 16:14:39 ip-172-31-7-52 jenkins[4983]: [LF]> ****
Nov 06 16:14:39 ip-172-31-7-52 jenkins[4983]: [LF]> ****
Nov 06 16:14:45 ip-172-31-7-52 jenkins[4983]: 2025-11-06 16:14:45.948+0000 [id=32] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
Nov 06 16:14:45 ip-172-31-7-52 jenkins[4983]: 2025-11-06 16:14:45.973+0000 [id=23] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
Nov 06 16:14:45 ip-172-31-7-52 systemd[1]: Started jenkins.service - Jenkins Continuous Integration Server.
Nov 06 16:14:47 ip-172-31-7-52 jenkins[4983]: 2025-11-06 16:14:47.662+0000 [id=49] INFO h.m.DownloadService$Downloadable#load: Obtained the updated data
Nov 06 16:14:47 ip-172-31-7-52 jenkins[4983]: 2025-11-06 16:14:47.663+0000 [id=49] INFO hudson.util.Retriger#start: Performed the action check update se
lines 1-20/20 (END)
```

i-039a53d9c8a0136a6 (jenkins demo)

Public IPs: 65.0.5.49 Private IPs: 172.31.7.52

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2147
06-11-2025

Screenshot of the AWS EC2 Instances page showing the 'Instances' section.

The page displays 1/8 instances:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
Ediglobe1	i-0383f621be3cadd82	Stopped	t3.micro	-	View alarms	ap-south-1b	-
Ediglobe win	i-06e3170efc8b83a16	Stopped	t3.micro	-	View alarms	ap-south-1b	-
jenkins demo	i-039a53d9c8a0136a6	Running	t3.micro	3/3 checks passed	View alarms	ap-south-1b	ec2-65-0-5-

The instance **i-039a53d9c8a0136a6 (jenkins demo)** is selected.

Details for the selected instance:

- Instance summary**:
 - Instance ID: i-039a53d9c8a0136a6
 - Public IPv4 address: 65.0.5.49 | [open address](#)
 - IPv6 address: -
 - Instance state: Running
- Private IPv4 addresses**: 172.31.7.52
- Public DNS**: ec2-65-0-5-49.ap-south-1.compute.amazonaws.com | [open address](#)

Page navigation and footer:

- Navigation: Back, Forward, Home, Stop, Refresh, New tab, New Chrome available.
- Region: Asia Pacific (Mumbai).
- User: Sajin Farook.
- Page footer: © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences.
- Date: 06-11-2025.

Screenshot of the AWS EC2 Instances page showing the 'Instances' section.

The left sidebar shows navigation links for EC2, Instances, Images, and Elastic Block Store.

The main content area displays the 'Instances (1/8)' table:

Name	Instance ID	Instance state	Instance type	Status check	Alarm status	Availability Zone	Public IPv4
Ediglobe1	i-0383f621be3cadd82	Stopped	t3.micro	-	View alarms	ap-south-1b	-
Ediglobe win	i-06e3170efc8b83a16	Stopped	t3.micro	-	View alarms	ap-south-1b	-
jenkins demo	i-039a53d9c8a0136a6	Running	t3.micro	3/3 checks passed	View alarms	ap-south-1b	ec2-65-0-5-

The selected instance is **i-039a53d9c8a0136a6 (jenkins demo)**. Its details are shown in the right panel:

- Security details**: IAM Role (None), Owner ID (354630286735), Launch time (Thu Nov 06 2025 21:26:39 GMT+0530 (India Standard Time)).
- Security groups**: sg-07d23ba0001bfa175 (launch-wizard-12).
- Inbound rules**: (List of security rules).

The browser address bar shows the URL: <https://ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#SecurityGroup:securityGroupId=sg-07d23ba0001bfa175>.

Launch an instance | EC2 | ap-sou... | ModifyInboundSecurityGroup | EC2 Instance Connect | ap-sou... | Debian Jenkins Packages

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ModifyInboundSecurityGroupRules&securityGroupId=sg-07d23ba0001bfa175

New Chrome available

aws Search [Alt+S] Account ID: 3546-3028-6735 Sajin Farook

EC2 > Security Groups > sg-07d23ba0001bfa175 - launch-wizard-12 > Edit inbound rules

Edit inbound rules Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

Security group rule ID	Type <small>Info</small>	Protocol <small>Info</small>	Port range <small>Info</small>	Source <small>Info</small>	Description - optional <small>Info</small>
sgr-086b7faf9edc821f3	Custom TCP	TCP	22	Anywhere <small>Info</small> 0.0.0.0/0	<input type="text"/> Delete
-	Custom TCP	TCP	0	Anywhere <small>Info</small> 0.0.0.0/0	<input type="text"/> Delete

Add rule

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

Cancel Preview changes Save rules

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Launch an instance | EC2 | ap-southern India | ModifyInboundSecurityGroup | EC2 Instance Connect | ap-southern India | Debian Jenkins Packages

ap-south-1.console.aws.amazon.com/ec2/home?region=ap-south-1#ModifyInboundSecurityGroupRules&securityGroupId=sg-07d23ba0001bfa175

New Chrome available

aws Search [Alt+S] Account ID: 3546-3028-6735 Sajin Farook

EC2 > Security Groups > sg-07d23ba0001bfa175 - launch-wizard-12 > Edit inbound rules

Edit inbound rules Info

Inbound rules control the incoming traffic that's allowed to reach the instance.

Security group rule ID	Type	Protocol	Port range	Source	Description - optional
sgr-086b7faf9edc821f3	Custom TCP	TCP	22	Custom	0.0.0.0/0
sgr-04234d2e8cda55aff	Custom TCP	TCP	8080	Custom	0.0.0.0/0

Add rule

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

Cancel Preview changes Save rules

CloudShell Feedback Console Mobile App © 2025, Amazon Web Services, Inc. or its affiliates. Privacy Terms Cookie preferences ENG US 21:50 06-11-2025

The screenshot shows a Chrome browser window with the address bar displaying the URL `65.0.549.8080/login?from=%2F`. The main content is a 'Getting Started' page titled 'Unlock Jenkins'. It instructs the user to copy the password from either the log or a file at `/var/lib/jenkins/secrets/initialAdminPassword`. A password input field is provided for pasting the password, with placeholder text '.....'. A 'Continue' button is located at the bottom right of the form.

Getting Started

Unlock Jenkins

To ensure Jenkins is securely set up by the administrator, a password has been written to the log ([not sure where to find it?](#)) and this file on the server:

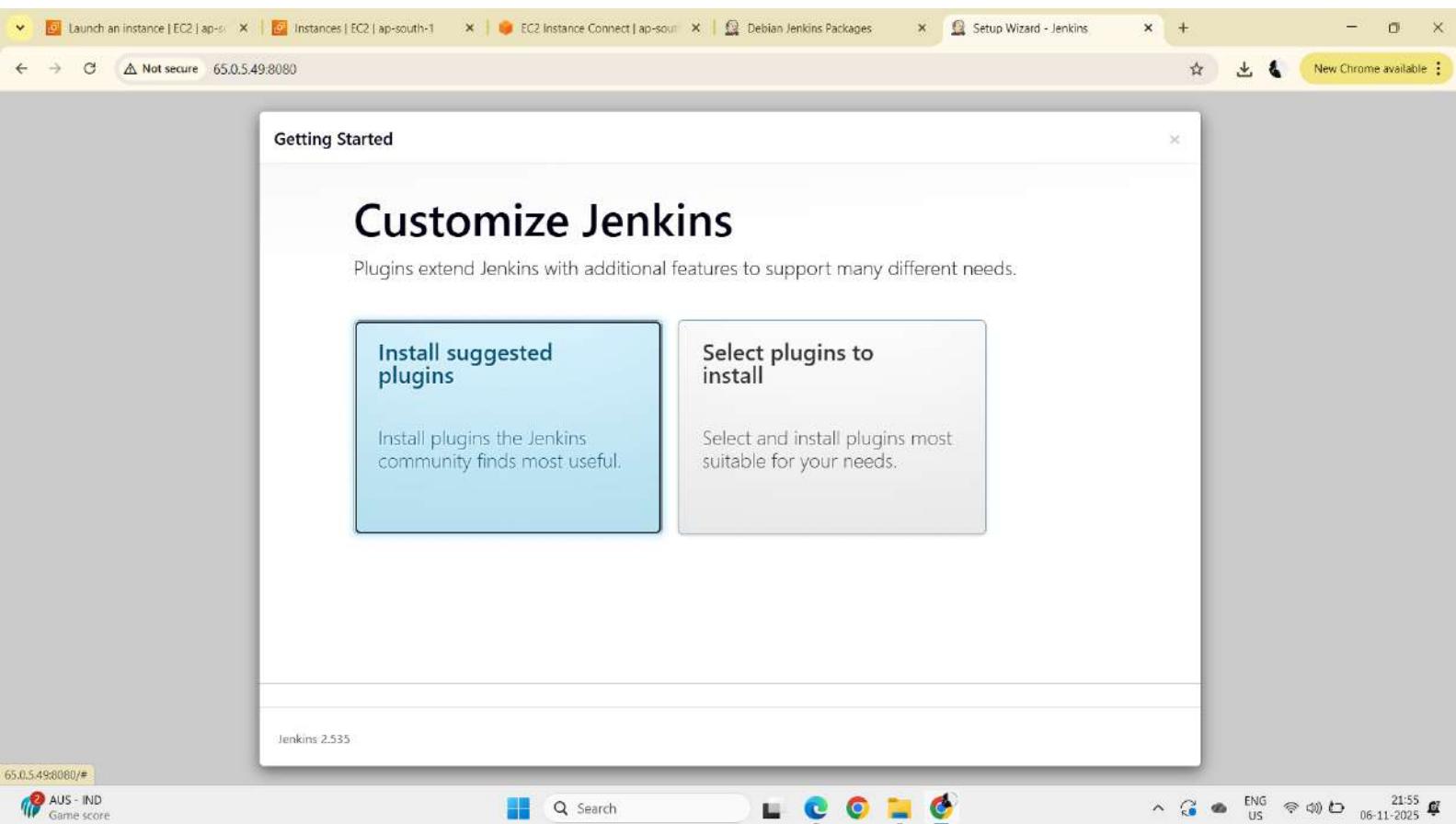
`/var/lib/jenkins/secrets/initialAdminPassword`

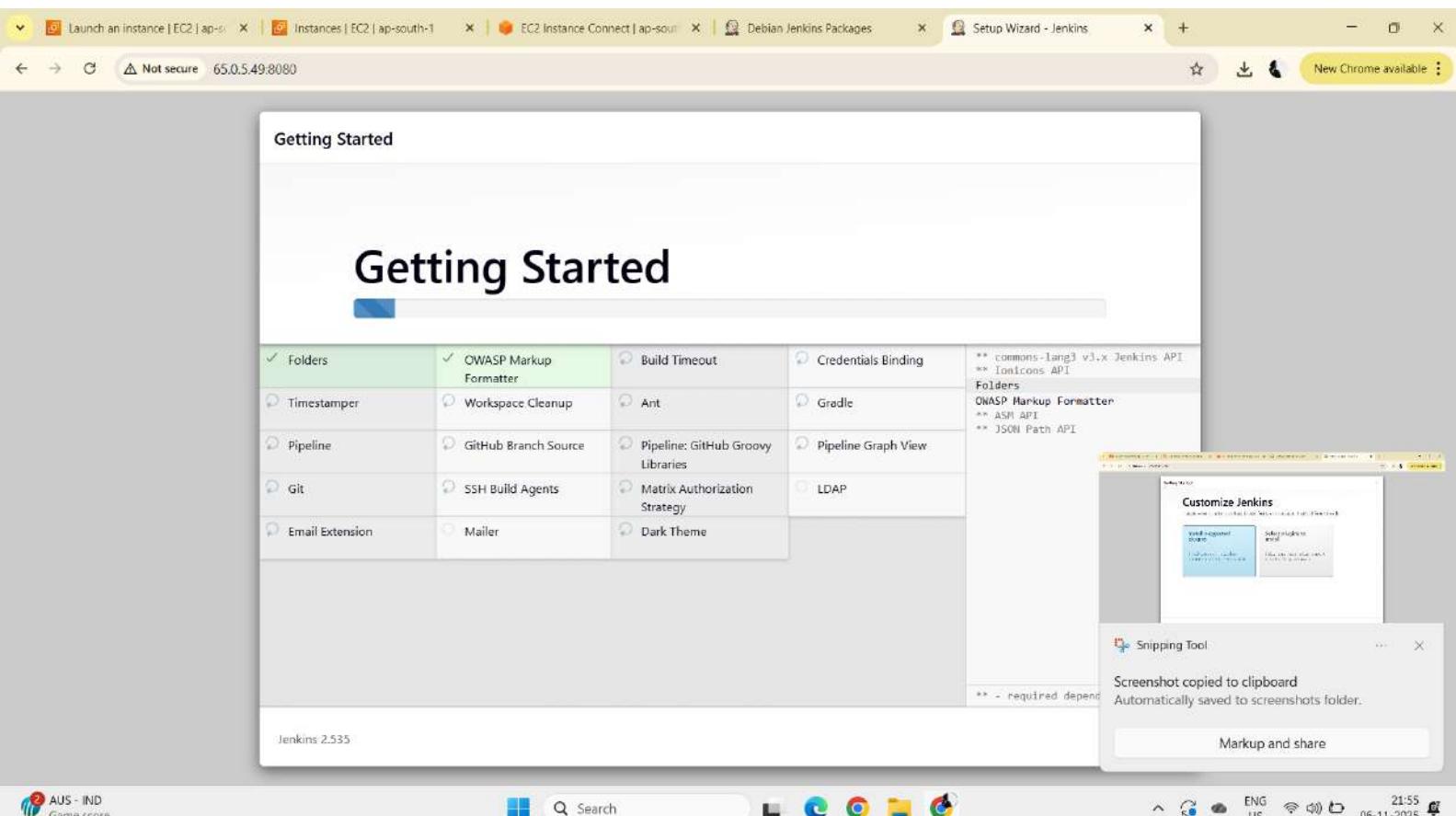
Please copy the password from either location and paste it below.

Administrator password

.....

Continue





Launch an instance | EC2 | ap-southeast-1 | Instances | EC2 | ap-south-1 | EC2 Instance Connect | ap-south-1 | Debian Jenkins Packages | Setup Wizard - Jenkins

Not secure 65.0.549.8080

New Chrome available

Getting Started

Create first administrator user

Username
velmurugan

Password

Confirm password

Full name
velmurugan

E-mail address
velmurugan75864@gmail.com

Jenkins 2.535

Skip and continue as admin

Save and Continue

AUS - IND Game score

Search

ENG US

21:58 06-11-2025

The screenshot shows a web browser window with the address bar displaying "Not secure 65.0.549.8080". The main content area is titled "Getting Started" and "Instance Configuration". It features a "Jenkins URL:" input field containing "http://65.0.549.8080/" with a blue border. Below the input field is a descriptive text block: "The Jenkins URL is used to provide the root URL for absolute links to various Jenkins resources. That means this value is required for proper operation of many Jenkins features including email notifications, PR status updates, and the BUILD_URL environment variable provided to build steps." A note below states: "The proposed default value shown is **not saved yet** and is generated from the current request, if possible. The best practice is to set this value to the URL that users are expected to use. This will avoid confusion when sharing or viewing links." At the bottom right of the configuration form are two buttons: "Not now" and "Save and Finish". The browser's taskbar at the bottom includes icons for the Start button, search, task view, File Explorer, and Google Chrome, along with system status indicators like battery level and signal strength. The date and time "06-11-2025 21:58" are also visible.

Launch an instance | EC2 | ap-southeast-1 | Instances | EC2 | ap-south-1 | EC2 Instance Connect | ap-southeast-1 | Debian Jenkins Packages | Dashboard - Jenkins

Not secure 65.0.549.8080 New Chrome available

Jenkins

+ New Item

Build History

Add description

Welcome to Jenkins!

This page is where your Jenkins jobs will be displayed. To get started, you can set up distributed builds or start building a software project.

Start building your software project

Create a job +

Set up a distributed build

Set up an agent

Configure a cloud

Learn more about distributed builds ?

REST API Jenkins 2.535

65.0.549.8080/new/job

AUS - IND Game score

Search

ENG US 21:58 06-11-2025