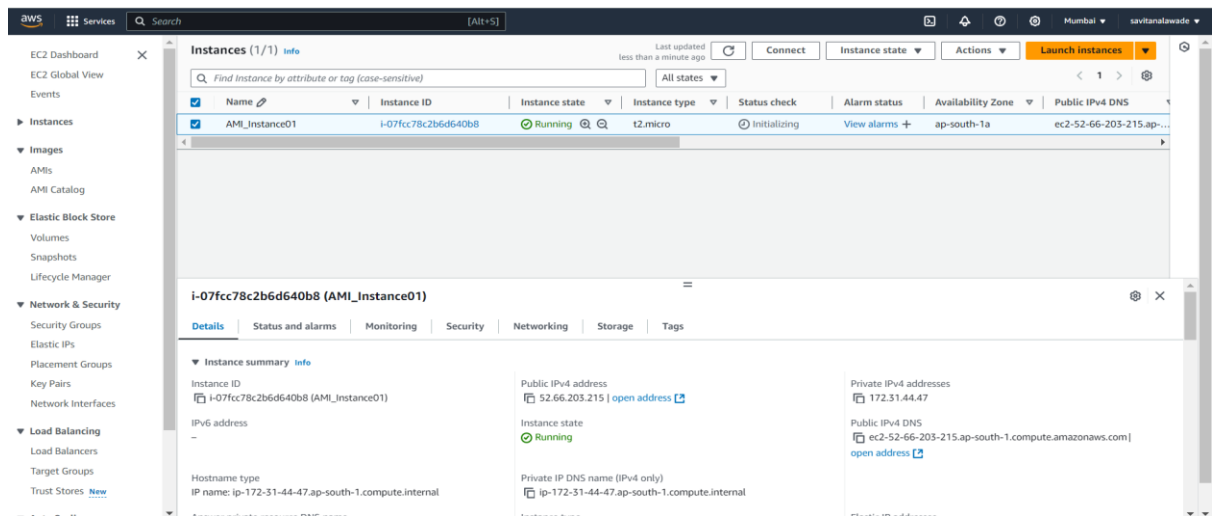
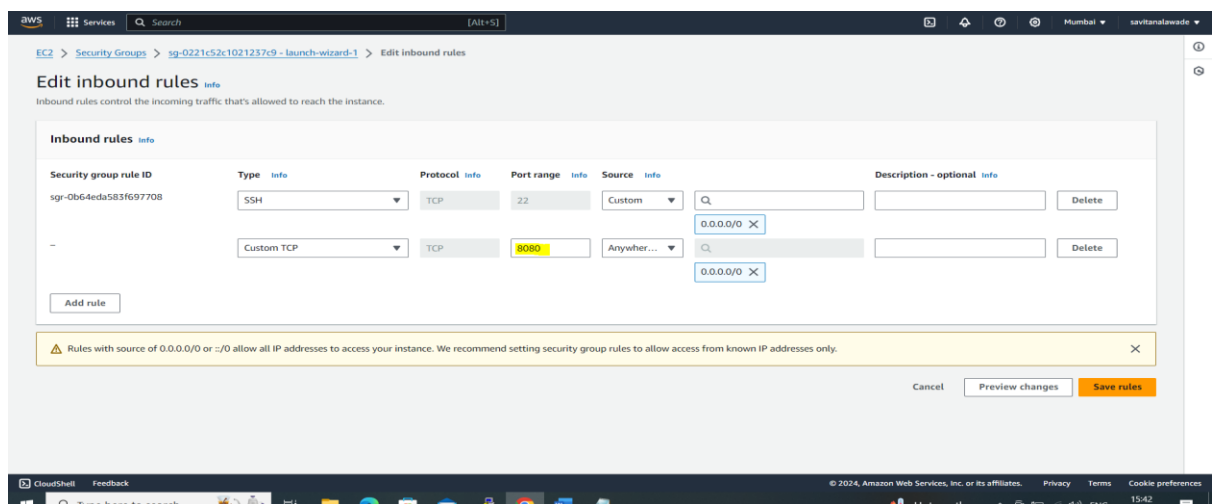


SavitaNalawade

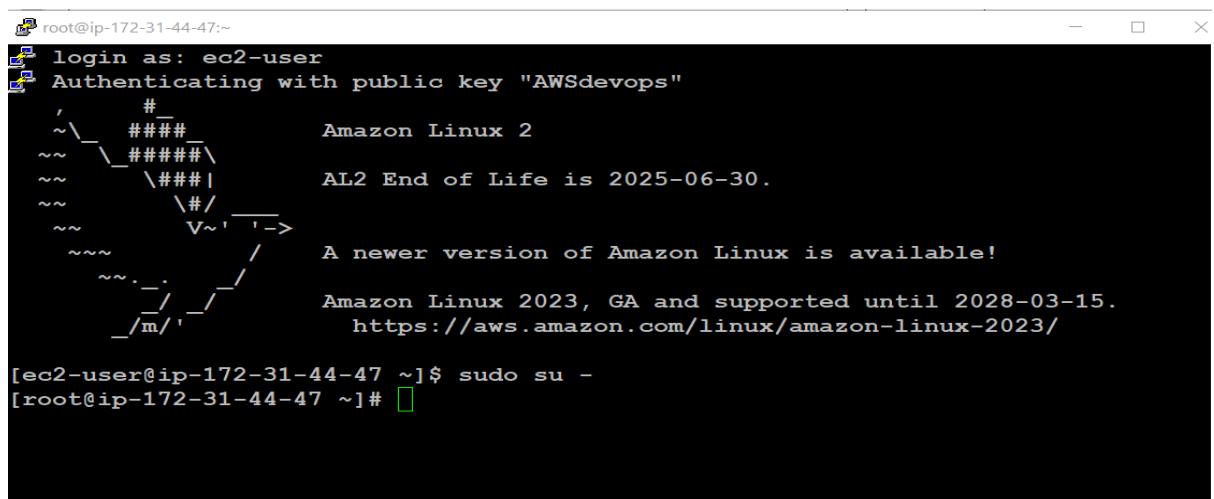
## 1) Create one Instance



## 2) Modify security group (add port no 8080)



### 3) Connect Instance via putty



#### 4) Install Git

```
root@ip-172-31-44-47:~  
[root@ip-172-31-44-47 ~]# yum install -y git  
Loaded plugins: extras_suggestions, langpacks, priorities, update-motd  
Resolving Dependencies  
--> Running transaction check  
---> Package git.x86_64 0:2.40.1-1.amzn2.0.3 will be installed  
--> Processing Dependency: git-core = 2.40.1-1.amzn2.0.3 for package: git-2.40.1-1.amzn2.0.3.x86_64  
--> Processing Dependency: git-core-doc = 2.40.1-1.amzn2.0.3 for package: git-2.40.1-1.amzn2.0.3.x86_64  
--> Processing Dependency: perl-Git = 2.40.1-1.amzn2.0.3 for package: git-2.40.1-1.amzn2.0.3.x86_64  
--> Processing Dependency: perl(Git) for package: git-2.40.1-1.amzn2.0.3.x86_64  
--> Processing Dependency: perl(Term::ReadKey) for package: git-2.40.1-1.amzn2.0.3.x86_64  
--> Running transaction check  
---> Package git-core.x86_64 0:2.40.1-1.amzn2.0.3 will be installed  
---> Package git-core-doc.noarch 0:2.40.1-1.amzn2.0.3 will be installed  
---> Package perl-Git.noarch 0:2.40.1-1.amzn2.0.3 will be installed  
--> Processing Dependency: perl(Error) for package: perl-Git-2.40.1-1.amzn2.0.3.noarch  
---> Package perl-TermReadKey.x86_64 0:2.30-20.amzn2.0.2 will be installed  
--> Running transaction check  
---> Package perl-Error.noarch 1:0.17020-2.amzn2 will be installed  
--> Finished Dependency Resolution  
  
Dependencies Resolved  
  
=====
```

Package	Arch	Version	Repository	Size
Installing:				
git	x86_64	2.40.1-1.amzn2.0.3	amzn2-core	54 k
Installing for dependencies:				
git-core	x86_64	2.40.1-1.amzn2.0.3	amzn2-core	10 M
git-core-doc	noarch	2.40.1-1.amzn2.0.3	amzn2-core	3.0 M
perl-Error	noarch	1:0.17020-2.amzn2	amzn2-core	32 k
perl-Git	noarch	2.40.1-1.amzn2.0.3	amzn2-core	42 k

```
Installed:  
git.x86_64 0:2.40.1-1.amzn2.0.3  
  
Dependency Installed:  
git-core.x86_64 0:2.40.1-1.amzn2.0.3  
git-core-doc.noarch 0:2.40.1-1.amzn2.0.3  
perl-Error.noarch 1:0.17020-2.amzn2  
perl-Git.noarch 0:2.40.1-1.amzn2.0.3  
perl-TermReadKey.x86_64 0:2.30-20.amzn2.0.2  
  
Complete!  
[root@ip-172-31-44-47 ~]# git --version  
git version 2.40.1  
[root@ip-172-31-44-47 ~]#
```

#### 5) Install Java 17

```
root@ip-172-31-44-47/opt
Resolving Dependencies
--> Running transaction check
--> Package java-17-amazon-corretto-devel.x86_64 1:17.0.12+7-1.amzn2.1 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                               Arch             Version           Repository        Size
=====
Installing:
java-17-amazon-corretto-devel         x86_64           1:17.0.12+7-1.amzn2.1  amzn2-core       146 k
=====
Transaction Summary
=====
Install 1 Package

Total download size: 146 k
Installed size: 940 k
Downloading packages:
java-17-amazon-corretto-devel-17.0.12+7-1.amzn2.1.x86_64.rpm | 146 kB 00:00:00
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : 1:java-17-amazon-corretto-devel-17.0.12+7-1.amzn2.1.x86_64 1/1
  Verifying  : 1:java-17-amazon-corretto-devel-17.0.12+7-1.amzn2.1.x86_64 1/1

Installed:
  java-17-amazon-corretto-devel.x86_64 1:17.0.12+7-1.amzn2.1

Complete!
[root@ip-172-31-44-47 opt]# java --version
openjdk 17.0.12 2024-07-16 LTS
OpenJDK Runtime Environment Corretto-17.0.12.7.1 (build 17.0.12+7-LTS)
OpenJDK 64-Bit Server VM Corretto-17.0.12.7.1 (build 17.0.12+7-LTS, mixed mode, sharing)
[root@ip-172-31-44-47 opt]#
```

## 6) Install Maven

```
root@ip-172-31-44-47:~
apache-maven-3.9.4/lib/maven-resolver-transport-file-1.9.14.jar
apache-maven-3.9.4/lib/maven-resolver-transport-http-1.9.14.jar
apache-maven-3.9.4/lib/httpcore-4.4.16.jar
apache-maven-3.9.4/lib/maven-resolver-transport-wagon-1.9.14.jar
apache-maven-3.9.4/lib/maven-slf4j-provider-3.9.4.jar
apache-maven-3.9.4/lib/jansi-2.4.0.jar
[root@ip-172-31-44-47 opt]# ls -ltr
total 54720
drwxr-xr-x 2 root root      6 Aug 16  2018 rh
-rw-r--r-- 1 root root 9336368 Aug  3  2023 apache-maven-3.9.4-bin.tar.gz.5
-rw-r--r-- 1 root root 9336368 Aug  3  2023 apache-maven-3.9.4-bin.tar.gz.4
-rw-r--r-- 1 root root 9336368 Aug  3  2023 apache-maven-3.9.4-bin.tar.gz.3
-rw-r--r-- 1 root root 9336368 Aug  3  2023 apache-maven-3.9.4-bin.tar.gz.2
-rw-r--r-- 1 root root 9336368 Aug  3  2023 apache-maven-3.9.4-bin.tar.gz.1
-rw-r--r-- 1 root root 9336368 Aug  3  2023 apache-maven-3.9.4-bin.tar.gz
drwxr-xr-x 4 root root      33 Sep 16 17:24 aws
drwxr-xr-x 6 root root      99 Oct  1 10:38 apache-maven-3.9.4
[root@ip-172-31-44-47 opt]# cd
[root@ip-172-31-44-47 ~]# echo "export M2_HOME=/opt/apache-maven-3.9.4" >> .bash_profile
[root@ip-172-31-44-47 ~]# echo "export M2=$M2_HOME/bin" >> .bash_profile
[root@ip-172-31-44-47 ~]# echo "export PATH=$M2:$PATH" >> .bash_profile
[root@ip-172-31-44-47 ~]# source ~/.bash_profile
[root@ip-172-31-44-47 ~]# echo $M2_HOME
/opt/apache-maven-3.9.4
[root@ip-172-31-44-47 ~]# /opt/apache-maven-3.9.4/bin/mvn --version
Apache Maven 3.9.4 (dfbb324ad4a7c8fb0bf182e6d91b0ae20e3d2dd9)
Maven home: /opt/apache-maven-3.9.4
Java version: 17.0.12, vendor: Amazon.com Inc., runtime: /usr/lib/jvm/java-17-amazon-corretto.x86_64
Default locale: en_US, platform encoding: UTF-8
OS name: "linux", version: "5.10.225-213.878.amzn2.x86_64", arch: "amd64", family: "unix"
[root@ip-172-31-44-47 ~]# mvn --version
Apache Maven 3.9.4 (dfbb324ad4a7c8fb0bf182e6d91b0ae20e3d2dd9)
Maven home: /opt/apache-maven-3.9.4
Java version: 17.0.12, vendor: Amazon.com Inc., runtime: /usr/lib/jvm/java-17-amazon-corretto.x86_64
Default locale: en_US, platform encoding: UTF-8
OS name: "linux", version: "5.10.225-213.878.amzn2.x86_64", arch: "amd64", family: "unix"
[root@ip-172-31-44-47 ~]#
```

## 7) Install Jenkins

```
root@ip-172-31-44-47:~#
Resolving Dependencies
--> Running transaction check
---> Package jenkins.noarch 0:2.462.2-1.1 will be installed
--> Finished Dependency Resolution

Dependencies Resolved

=====
Package                               Arch                               Version                               Repository                               Size
=====
Installing:
jenkins                               noarch                             2.462.2-1.1                           jenkins                               89 M
=====

Transaction Summary
=====
Install 1 Package

Total download size: 89 M
Installed size: 89 M
Downloading packages:
jenkins-2.462.2-1.1.noarch.rpm          | 89 MB 00:00:08
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : jenkins-2.462.2-1.1.noarch      1/1
  Verifying  : jenkins-2.462.2-1.1.noarch      1/1

Installed:
jenkins.noarch 0:2.462.2-1.1

Complete!

[root@ip-172-31-44-47 ~]# sudo systemctl daemon-reload
[root@ip-172-31-44-47 ~]# service jenkins status
Redirecting to /bin/systemctl status jenkins.service
* jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/usr/lib/systemd/system/jenkins.service; enabled; vendor preset: disabled)
   Active: inactive (dead)
[root@ip-172-31-44-47 ~]# service jenkins start
Redirecting to /bin/systemctl start jenkins.service
[root@ip-172-31-44-47 ~]#
[root@ip-172-31-44-47 ~]# service jenkins status
Redirecting to /bin/systemctl status jenkins.service
* jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/usr/lib/systemd/system/jenkins.service; enabled; vendor preset: disabled)
   Active: active (running) since Tue 2024-10-01 10:44:52 UTC; 18s ago
   Main PID: 6775 (java)
   CGroup: /system.slice/jenkins.service
           └─6775 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=%C/jenkins/war --httpPort=8080

Oct 01 10:44:43 ip-172-31-44-47.ap-south-1.compute.internal jenkins[6775]: 6d5e1b271d8b49b5b96761eda3f9f06f
Oct 01 10:44:43 ip-172-31-44-47.ap-south-1.compute.internal jenkins[6775]: This may also be found at: /var/lib/jenkins/secrets/in...ord
Oct 01 10:44:43 ip-172-31-44-47.ap-south-1.compute.internal jenkins[6775]: *****
Oct 01 10:44:43 ip-172-31-44-47.ap-south-1.compute.internal jenkins[6775]: *****
Oct 01 10:44:43 ip-172-31-44-47.ap-south-1.compute.internal jenkins[6775]: *****
Oct 01 10:44:52 ip-172-31-44-47.ap-south-1.compute.internal jenkins[6775]: 2024-10-01 10:44:52.222+0000 [id=33] INFO ...ion
Oct 01 10:44:52 ip-172-31-44-47.ap-south-1.compute.internal jenkins[6775]: 2024-10-01 10:44:52.247+0000 [id=25] INFO ...ing
Oct 01 10:44:52 ip-172-31-44-47.ap-south-1.compute.internal systemd[1]: Started Jenkins Continuous Integration Server.
Oct 01 10:44:53 ip-172-31-44-47.ap-south-1.compute.internal jenkins[6775]: 2024-10-01 10:44:53.092+0000 [id=48] INFO ...ler
Oct 01 10:44:53 ip-172-31-44-47.ap-south-1.compute.internal jenkins[6775]: 2024-10-01 10:44:53.093+0000 [id=48] INFO ... #1
Hint: Some lines were ellipsized, use -l to show in full.
[root@ip-172-31-44-47 ~]#
```

## 8) Install Docker

```
=====
Package                               Arch                               Version                               Repository                               Size
=====
Installing:
docker                               x86_64                             25.0.6-1.amzn2.0.2                     amzn2extra-docker                     45 M
Installing for dependencies:
containerd                           x86_64                             1.7.20-1.amzn2.0.1                     amzn2extra-docker                     30 M
libcgroup                             x86_64                             0.41-21.amzn2                           amzn2-core                             66 k
pigz                                  x86_64                             2.3.4-1.amzn2.0.1                       amzn2-core                             81 k
runc                                  x86_64                             1.1.13-1.amzn2                           amzn2extra-docker                     3.1 M
=====

Transaction Summary
=====
Install 1 Package (+4 Dependent packages)

Total download size: 78 M
Installed size: 285 M
Downloading packages:
(1/5): libcgroup-0.41-21.amzn2.x86_64.rpm          | 66 kB 00:00:00
(2/5): pigz-2.3.4-1.amzn2.0.1.x86_64.rpm          | 81 kB 00:00:00
(3/5): containerd-1.7.20-1.amzn2.0.1.x86_64.rpm    | 30 MB 00:00:00
(4/5): docker-25.0.6-1.amzn2.0.2.x86_64.rpm       | 45 MB 00:00:01
(5/5): runc-1.1.13-1.amzn2.x86_64.rpm              | 3.1 MB 00:00:00
-----
Total                                           74 MB/s | 78 MB 00:00:01
Running transaction check
Running transaction test
Transaction test succeeded
Running transaction
  Installing : runc-1.1.13-1.amzn2.x86_64      1/5
```

```
Complete!
[root@ip-172-31-44-47 ~]# service docker start
Redirecting to /bin/systemctl start docker.service
[root@ip-172-31-44-47 ~]# service docker status
Redirecting to /bin/systemctl status docker.service
● docker.service - Docker Application Container Engine
   Loaded: loaded (/usr/lib/systemd/system/docker.service; disabled; vendor preset: disabled)
   Active: active (running) since Tue 2024-10-01 10:51:06 UTC; 4s ago
     Docs: https://docs.docker.com
    Process: 10743 ExecStartPre=/usr/libexec/docker/docker-setup-runtimes.sh (code=exited, status=0/SUCCESS)
    Process: 10742 ExecStartPre=/bin/mkdir -p /run/docker (code=exited, status=0/SUCCESS)
   Main PID: 10747 (dockerd)
      Tasks: 7
     Memory: 57.3M
    CGroup: /system.slice/docker.service
            └─10747 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock --default-ulimit nofile=32768:65536

Oct 01 10:51:06 ip-172-31-44-47.ap-south-1.compute.internal systemd[1]: Starting Docker Application Container Engine...
Oct 01 10:51:06 ip-172-31-44-47.ap-south-1.compute.internal dockerd[10747]: time="2024-10-01T10:51:06.408535903Z" level=info msg=...up"
Oct 01 10:51:06 ip-172-31-44-47.ap-south-1.compute.internal dockerd[10747]: time="2024-10-01T10:51:06.537894197Z" level=info msg=...t."
Oct 01 10:51:06 ip-172-31-44-47.ap-south-1.compute.internal dockerd[10747]: time="2024-10-01T10:51:06.894531140Z" level=info msg=...e."
Oct 01 10:51:06 ip-172-31-44-47.ap-south-1.compute.internal dockerd[10747]: time="2024-10-01T10:51:06.918102975Z" level=warning m...ed"
Oct 01 10:51:06 ip-172-31-44-47.ap-south-1.compute.internal dockerd[10747]: time="2024-10-01T10:51:06.918556274Z" level=warning m...ed"
Oct 01 10:51:06 ip-172-31-44-47.ap-south-1.compute.internal dockerd[10747]: time="2024-10-01T10:51:06.918890371Z" level=info msg=...0.6
Oct 01 10:51:06 ip-172-31-44-47.ap-south-1.compute.internal dockerd[10747]: time="2024-10-01T10:51:06.919275920Z" level=info msg=...on"
Oct 01 10:51:06 ip-172-31-44-47.ap-south-1.compute.internal dockerd[10747]: time="2024-10-01T10:51:06.952519079Z" level=info msg=...ck"
Oct 01 10:51:06 ip-172-31-44-47.ap-south-1.compute.internal systemd[1]: Started Docker Application Container Engine.
Hint: Some lines were ellipsized, use -l to show in full.
[root@ip-172-31-44-47 ~]# docker --version
Docker version 25.0.5, build 5dc9bdc
[root@ip-172-31-44-47 ~]#
```

## 9) Check all running process by top command

```
Tasks: 100 total, 1 running, 55 sleeping, 0 stopped, 0 zombie
%Cpu(s): 0.3 us, 0.3 sy, 0.0 ni, 99.3 id, 0.0 wa, 0.0 hi, 0.0 si, 0.0 st
KiB Mem : 975536 total, 84544 free, 349848 used, 541144 buff/cache
KiB Swap: 0 total, 0 free, 0 used, 485864 avail Mem

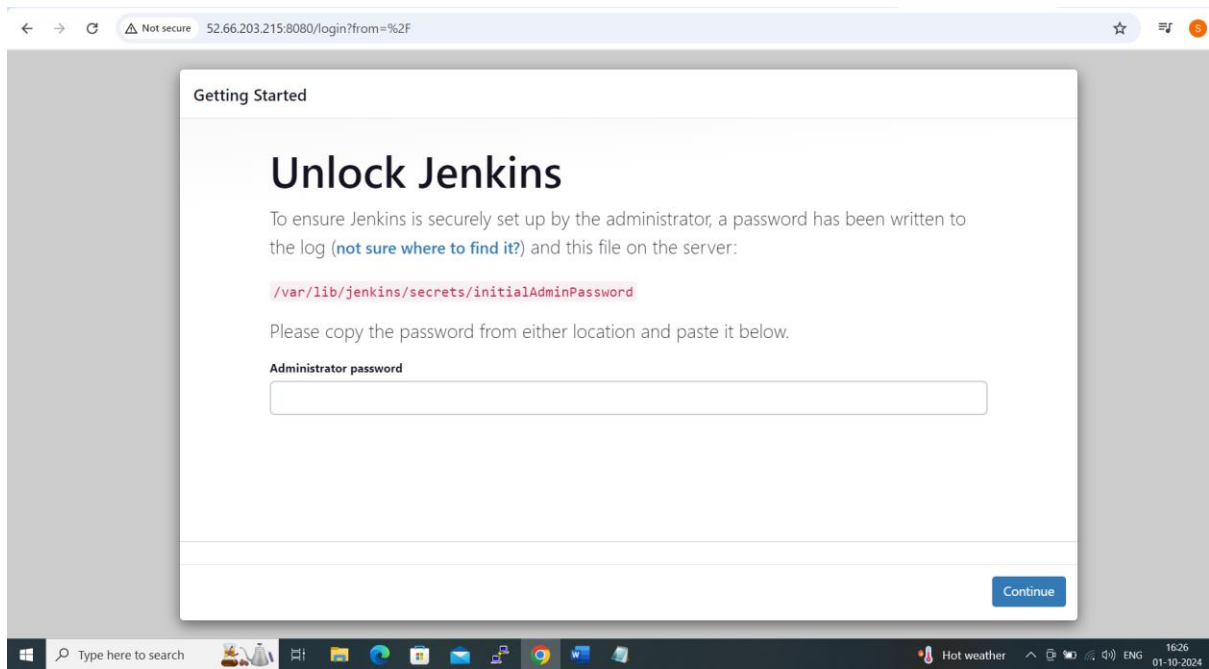
  PID USER      PR  NI   VIRT    RES    SHR S  %CPU  %MEM    TIME+  COMMAND
 6819 root        20   0  13912   3064   2500 S   0.3   0.3   0:00.09 log4j-cve-2021-
 8569 root        20   0 168836  4328   3788 R   0.3   0.4   0:00.01 top
      1 root        20   0 123760   5672   3948 S   0.0   0.6   0:02.26 systemd
      2 root        20   0      0      0      0 S   0.0   0.0   0:00.00 kthreadd
      3 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 rcu_gp
      4 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 rcu_par_gp
      6 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 kworker/0:0H-ev
      8 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 mm_percpu_wq
      9 root        20   0      0      0      0 S   0.0   0.0   0:00.00 rcu_tasks_rude_
     10 root        20   0      0      0      0 S   0.0   0.0   0:00.00 rcu_tasks_trace
     11 root        20   0      0      0      0 S   0.0   0.0   0:00.09 ksoftirqd/0
     12 root        20   0      0      0      0 I   0.0   0.0   0:00.12 rcu_sched
     13 root        rt   0      0      0      0 S   0.0   0.0   0:00.01 migration/0
     15 root        20   0      0      0      0 S   0.0   0.0   0:00.00 cpuhp/0
     17 root        20   0      0      0      0 S   0.0   0.0   0:00.00 kdevtmpfs
     18 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 netns
     21 root        20   0      0      0      0 S   0.0   0.0   0:00.01 kauditd
    299 root        20   0      0      0      0 S   0.0   0.0   0:00.00 khungtaskd
    300 root        20   0      0      0      0 S   0.0   0.0   0:00.00 oom_reaper
    301 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 writeback
    303 root        20   0      0      0      0 S   0.0   0.0   0:00.05 kcompactd0
    304 root        25   5      0      0      0 S   0.0   0.0   0:00.00 ksm
    305 root        39  19      0      0      0 S   0.0   0.0   0:00.00 khugepaged
    361 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 kintegrityd
    363 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 kblockd
    364 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 blkcg_punt_bio
    716 root        20   0      0      0      0 S   0.0   0.0   0:00.00 xen-balloon
    722 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 tpm_dev_wq
    728 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 md
    731 root        0 -20    0      0      0 I   0.0   0.0   0:00.00 edac-poller

[root@ip-172-31-44-47 ~]#
```

## 10)check all installed software's are running fine or not

```
[root@ip-172-31-44-47 ~]# ps -ef | grep git
root      12465  3350  0 10:53 pts/0    00:00:00 grep --color=auto git
[root@ip-172-31-44-47 ~]# ps -ef | grep java
jenkins   6775      1  3 10:44 ?        00:00:17 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=%C/jenkins/war --httpPort=8080
root      12512  3350  0 10:54 pts/0    00:00:00 grep --color=auto java
[root@ip-172-31-44-47 ~]# ps -ef | grep jenkins
jenkins   6775      1  3 10:44 ?        00:00:17 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=%C/jenkins/war --httpPort=8080
root      12550  3350  0 10:54 pts/0    00:00:00 grep --color=auto jenkins
[root@ip-172-31-44-47 ~]# ps -ef | grep docker
root      10747      1  0 10:51 ?        00:00:00 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock --default-ulimit nofile=32768:65536
root      12597  3350  0 10:54 pts/0    00:00:00 grep --color=auto docker
[root@ip-172-31-44-47 ~]#
```

## 11)Check Jenkins

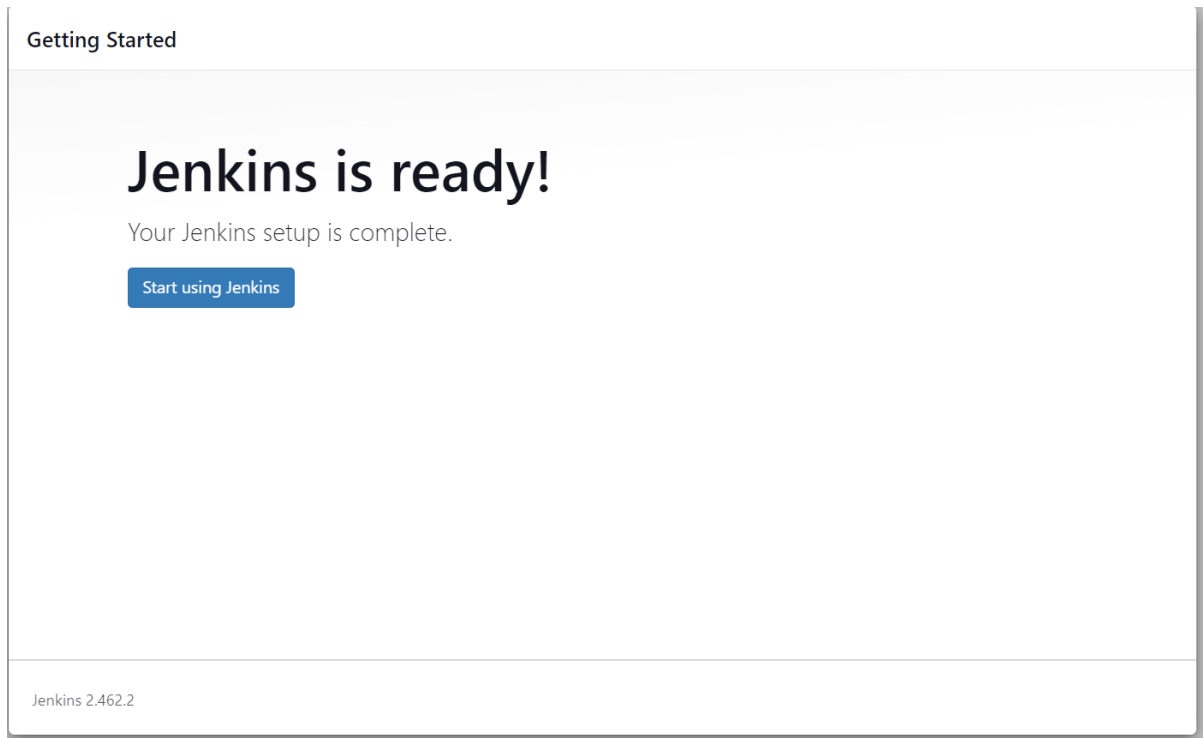


## Create user and password

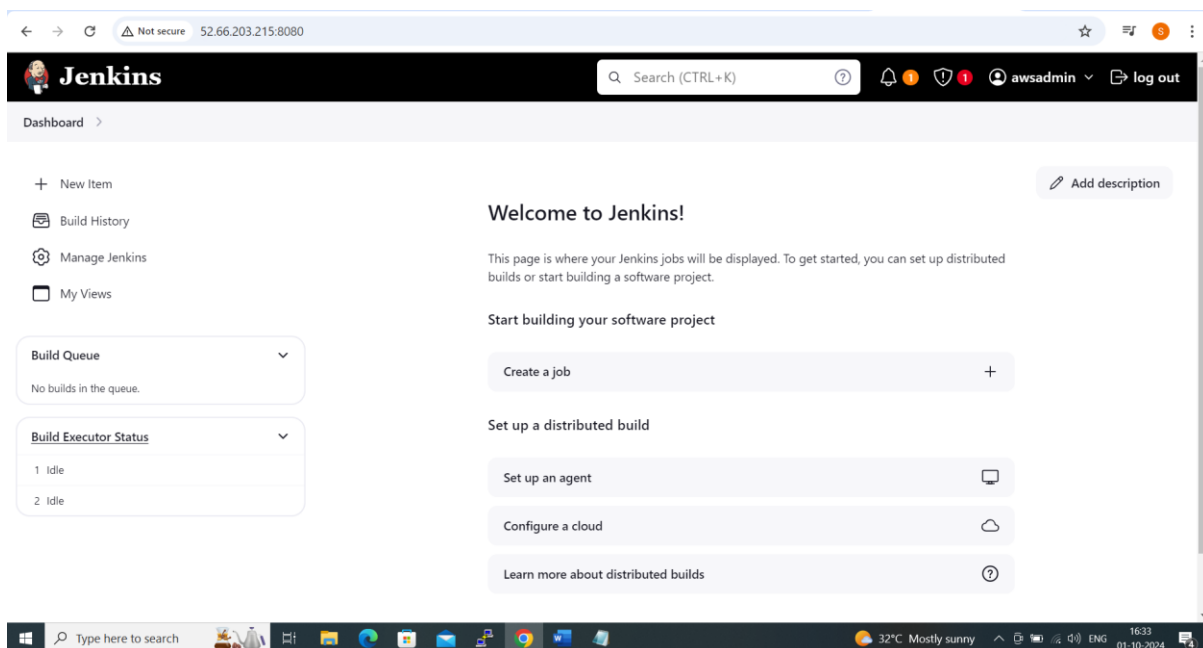
A screenshot of the Jenkins 'Getting Started' page, specifically the 'Create First Admin User' section. The page title is 'Getting Started'. The main heading is 'Create First Admin User'. There are four input fields: 'Username' with the value 'awsadmin', 'Password' with masked characters '\*\*\*\*\*', 'Confirm password' with masked characters '\*\*\*\*\*', and 'Full name' with the value 'awsadmin'. At the bottom left, it says 'Jenkins 2.462.2'. At the bottom right, there are two buttons: 'Skip and continue as admin' and 'Save and Continue'.

## Jenkins is ready to use

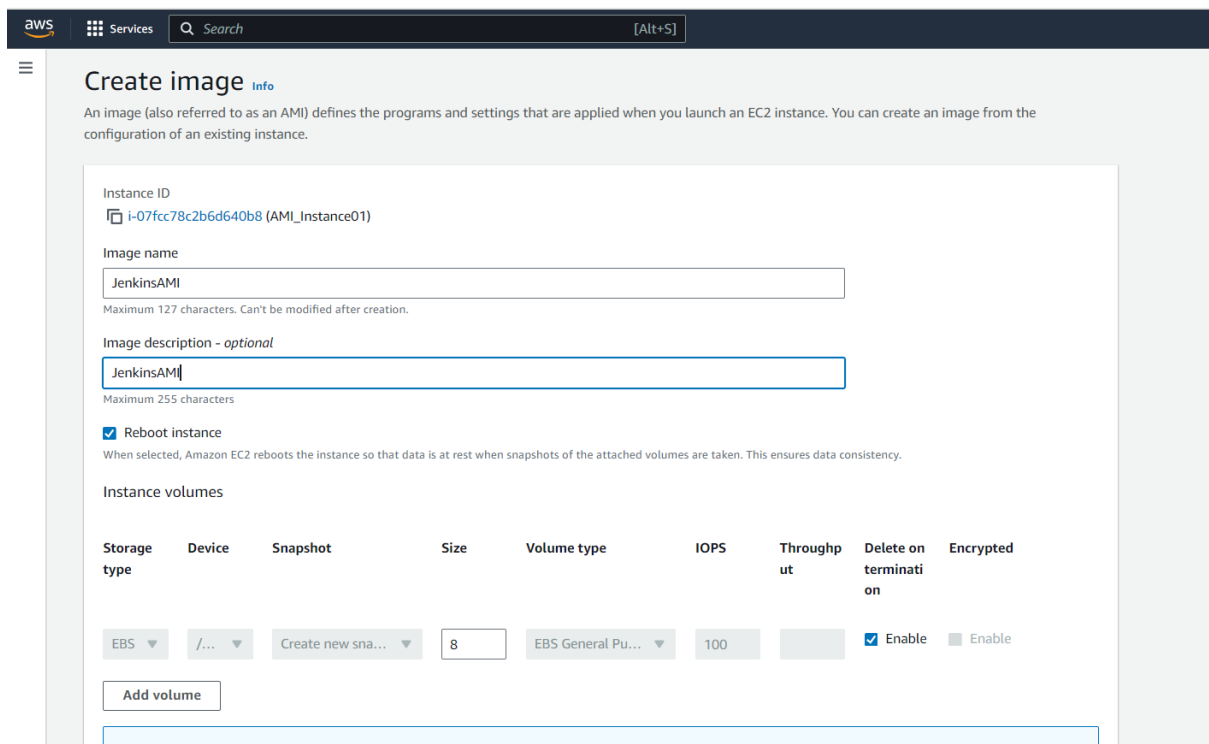
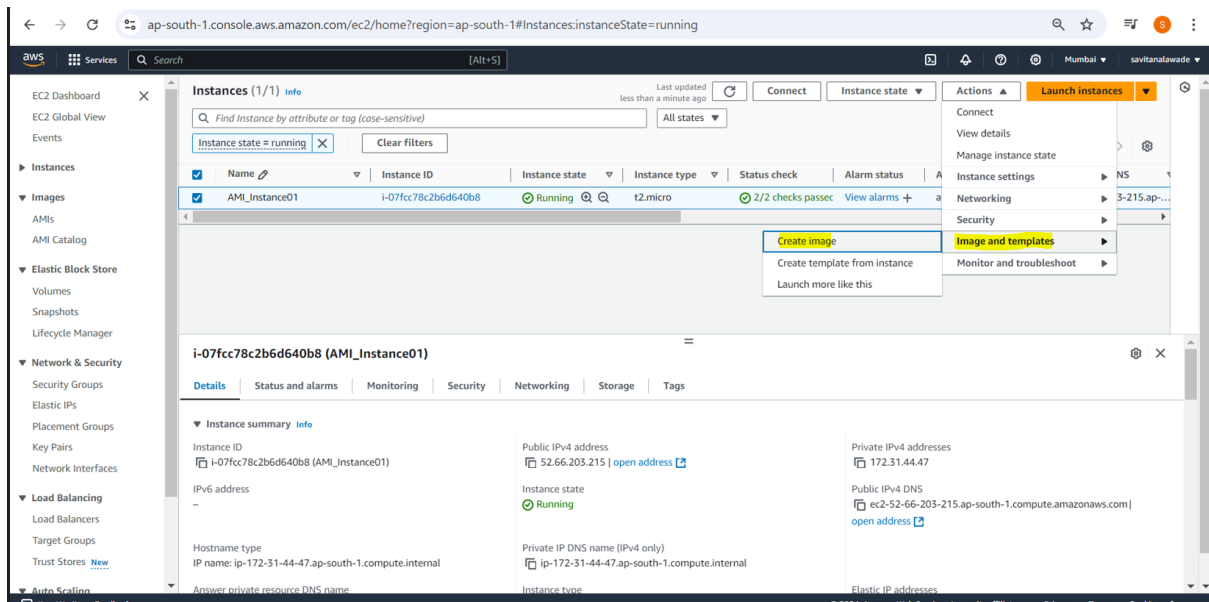




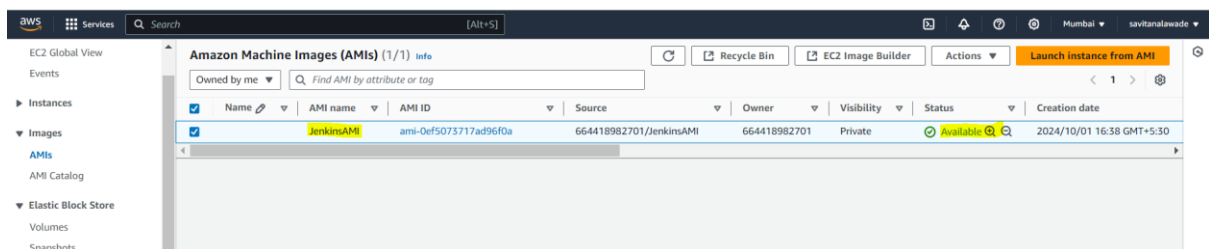
From here we can start using Jenkins which is installed on Amazon Linux



12) Now, Create image from instance



AMI(Amazon Machine Image) have been created





### 13) Now, Delete existing instance

Terminate (delete) instance?

On an EBS-backed instance, the default action is for the root EBS volume to be deleted when the instance is terminated. Storage on any local drives will be lost.

Are you sure you want to terminate these instances?

Instance ID	Termination protection
<div><div></div><div>i-07fcc78c2b6d640b8 (AMI_Instance01)</div></div>	<div><div></div><div>Disabled</div></div>

To confirm that you want to delete the instances, choose the terminate button below. Instances with termination protection enabled will not be terminated. Terminating the instance cannot be undone.

Cancel

Terminate (delete)

13) Create new instance from AMI which is created by own

aws

Services

Search

[Alt+S]

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

An AMI is a template that contains the software configuration (operating system, application server, and applications) required to launch your instance. Search or Browse for AMIs if you don't see what you are looking for below

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

Recents

My AMIs

Quick Start

Owned by me

Shared with me

Browse more AMIs

Including AMIs from AWS, Marketplace and the Community

Amazon Machine Image (AMI)

JenkinsAMI

ami-0e5f073717a296f0a  
2024-10-01T11:08:12.000Z Virtualization: hvm ENA enabled: true Root device type: ebs

Description

JenkinsAMI

Architecture

AMI ID

▼ Summary

Number of instances [info](#)

1

Software Image (AMI)

JenkinsAMI  
ami-0e5f073717a296f0a

Virtual server type (instance type)

t2.micro

Firewall (security group)

New security group

Storage (volumes)

1 volume(s) - 8 GiB

Free tier: In your first year includes 750 hours of t2.micro (or t3.micro in the Regions in which t2.micro is unavailable) instance usage on free tier AMIs per month, 750 hours of public IPv4 address usage per month, 30 GiB of EBS storage, 2 million I/Os. 1

Cancel

Launch instance

Review commands

Instance have been created

**AWS** | Services | Search [Alt+S]

EC2 Dashboard | EC2 Global View | Events

### Instances

- Instance Types
- Launch Templates
- Spot Requests
- Savings Plans
- Reserved Instances
- Dedicated Hosts
- Capacity Reservations

### Images

- AMIs
- AMI Catalog

### Elastic Block Store

- Volumes
- Snapshots
- Lifecycle Manager

### Network & Security

- Security Groups
- Elastic IPs

---

## Instances (1/2) info

Last updated less than a minute ago | Refresh | 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 DNS
AMI_Instance01	i-07fcc78c2b6d640b8	Terminated	t2.micro	-	View alarms +	ap-south-1a	-
<input checked="" type="checkbox"/> AMI_Demo01	i-0f1385dc3466e1483	<span style="color: green;">Running</span>	t2.micro	Initializing	View alarms +	ap-south-1a	ec2-13-233-206-163.ap...

---

### i-0f1385dc3466e1483 (AMI\_Demo01)

Details | Status and alarms | Monitoring | **Security** | Networking | Storage | Tags

#### ▼ Security details

IAM Role  
-

Security groups  
[sg-067df179a3f1da26c \(default\)](#)

Inbound rules

Owner ID  
[664418982701](#)

Launch time  
Tue Oct 01 2024 16:48:40 GMT+0530 (India Standard Time)

Filter rules

(Git, Java, Maven, Jenkins, docker)

```
[root@ip-172-31-46-151 ~]# service jenkins status
Redirecting to /bin/systemctl status jenkins.service
● jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/usr/lib/systemd/system/jenkins.service; enabled; vendor preset: disabled)
   Active: active (running) since Tue 2024-10-01 11:19:58 UTC; 4min 6s ago
   Main PID: 3031 (java)
   Tasks: 40
   Memory: 344.0M
   CGroup: /system.slice/jenkins.service
           └─3031 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java...

Oct 01 11:19:56 ip-172-31-46-151.ap-south-1.compute.internal jenkins[3031]: 2...
Oct 01 11:19:56 ip-172-31-46-151.ap-south-1.compute.internal jenkins[3031]: 2...
Oct 01 11:19:56 ip-172-31-46-151.ap-south-1.compute.internal jenkins[3031]: 2...
Oct 01 11:19:56 ip-172-31-46-151.ap-south-1.compute.internal jenkins[3031]: 2...
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Oct 01 11:19:56 ip-172-31-46-151.ap-south-1.compute.internal jenkins[3031]: 2...
Oct 01 11:19:56 ip-172-31-46-151.ap-south-1.compute.internal jenkins[3031]: 2...
Oct 01 11:19:56 ip-172-31-46-151.ap-south-1.compute.internal jenkins[3031]: 2...
Hint: Some lines were ellipsized, use -l to show in full.
[root@ip-172-31-46-151 ~]# service docker status
Redirecting to /bin/systemctl status docker.service
● docker.service - Docker Application Container Engine
   Loaded: loaded (/usr/lib/systemd/system/docker.service; enabled; vendor preset: disabled)
   Active: active (running) since Tue 2024-10-01 11:19:32 UTC; 4min 41s ago
   Docs: https://docs.docker.com
   Process: 3272 ExecStartPre=/usr/libexec/docker/docker-setup-runtimes.sh (code=exited, status=0/SUCCESS)
   Process: 3268 ExecStartPre=/bin/mkdir -p /run/docker (code=exited, status=0/SUCCESS)
   Main PID: 3283 (dockerd)
   Tasks: 7
   Memory: 103.8M
   CGroup: /system.slice/docker.service
           └─3283 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/cont...
```