

Output Screen Shot For Setting Up Jenkins Pipeline to Deploy Docker Swarm:

```
Terminal Sessions View X server Tools Games Settings Macros Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help

Quick connect...

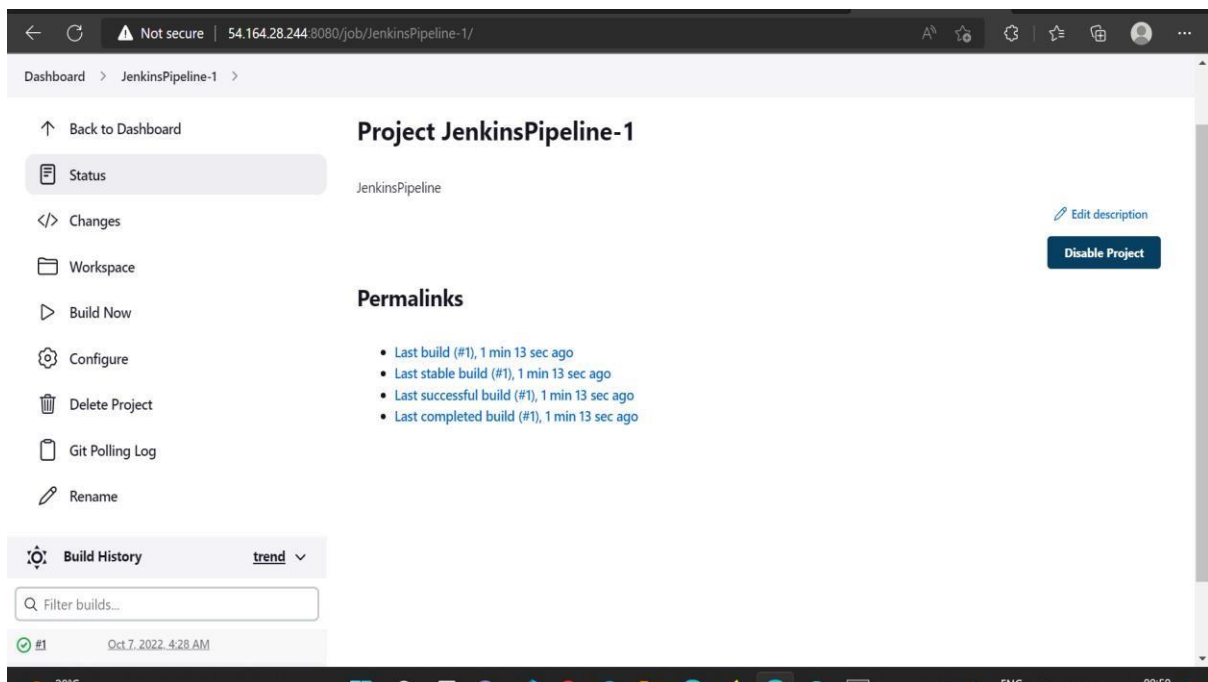
/home/ubuntu/
Name
-
ssh
.cache
.xauthority
.profile
.bashrc
.bash_logout

Press <enter> to keep the current choice[*], or type selection number:
ubuntu@ip-172-31-94-176:~$ 2
2: command not found
ubuntu@ip-172-31-94-176:~$ sudo update-alternatives --config java
There are 2 choices for the alternative java (providing /usr/bin/java).

Selection    Path                                          Priority  Status
-----
* 0          /usr/lib/jvm/java-11-openjdk-amd64/bin/java 1111     auto mode
1           /usr/lib/jvm/java-11-openjdk-amd64/bin/java 1111     manual mode
2           /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/java 1081     manual mode

Press <enter> to keep the current choice[*], or type selection number: 2
update-alternatives: using /usr/lib/jvm/java-8-openjdk-amd64/jre/bin/java to provide /usr/bin/java (java) in manual mode
ubuntu@ip-172-31-94-176:~$ - java -version
--: command not found
ubuntu@ip-172-31-94-176:~$ java -v
Unrecognized option: -v
Error: Could not create the Java Virtual Machine.
Error: A fatal exception has occurred. Program will exit.
ubuntu@ip-172-31-94-176:~$ sudo docker images
REPOSITORY TAG IMAGE ID CREATED SIZE
ubuntu@ip-172-31-94-176:~$ sudo docker container ls
Command 'Sudo' not found, did you mean:
  command 'ludo' from snap ludo (0.16.20)
  command 'udo' from deb udo (6.4.1-6)
  command 'sudo' from deb sudo (1.9.9-1ubuntu2)
  command 'sudo' from deb sudo-ldap (1.9.9-1ubuntu2)
See 'snap info <snapname>' for additional versions.
ubuntu@ip-172-31-94-176:~$ sudo docker container ls
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
ubuntu@ip-172-31-94-176:~$
```

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ubuntu@ip-172-31-94-176:~$ sudo docker images
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CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES
ubuntu@ip-172-31-94-176:~$
```



← ↻ ⚠ Not secure | 3.93.212.31:8080/job/CiCdPipeline/1/console

Dashboard > CiCdPipeline > #1

↑ Back to Project

📄 Status

</> Changes

📄 Console Output

📄 View as plain text

📄 Edit Build Information

🗑 Delete build '#1'

🔗 Git Build Data

Console Output

```
Started by user admin
Running as SYSTEM
Building in workspace /var/lib/jenkins/workspace/CiCdPipeline
The recommended git tool is: NONE
No credentials specified
Cloning the remote Git repository
Cloning repository https://github.com/Nikunj-Java/docker_master.git
> git init /var/lib/jenkins/workspace/CiCdPipeline # timeout=10
Fetching upstream changes from https://github.com/Nikunj-Java/docker_master.git
> git --version # timeout=10
> git --version # 'git version 2.34.1'
> git fetch --tags --force --progress -- https://github.com/Nikunj-Java/docker_master.git
+refs/heads/*:refs/remotes/origin/* # timeout=10
> git config remote.origin.url https://github.com/Nikunj-Java/docker_master.git # timeout=10
> git config --add remote.origin.fetch +refs/heads/*:refs/remotes/origin/* # timeout=10
Avoid second fetch
> git rev-parse refs/remotes/origin/master^{commit} # timeout=10
Checking out Revision 3232d201282c9f39ac4ff0aa78911122fceb3149 (refs/remotes/origin/master)
> git config core.sparsecheckout # timeout=10
> git checkout -f 3232d201282c9f39ac4ff0aa78911122fceb3149 # timeout=10
Commit message: "Update demo.txt"
```

← ↻ ⚠ Not secure | 3.93.212.31:8080/job/Pipelinedemo/

Dashboard > Pipelinedemo

▶ Build Now

⚙ Configure

🗑 Delete Pipeline

🔍 Full Stage View

✎ Rename

❓ Pipeline Syntax

🔗 Build History trend

🔍 Filter builds...

🟢 #1 Oct 7, 2022 6:09 AM

📡 Atom feed for all 📡 Atom feed for failures

Stage View

Average stage times:
(Average full run time: ~5s)

Stage	Time
Hello	330ms

#1 Oct 07 06:09 No Changes

Permalinks

- Last build (#1), 18 sec ago
- Last stable build (#1), 18 sec ago
- Last successful build (#1), 18 sec ago
- Last completed build (#1), 18 sec ago

```
terminal Sessions View X server Tools Games Settings Windows Help
Session Servers Tools Games Sessions View Split MultiExec Tunneling Packages Settings Help
Quick connect...
/home/ubuntu/
Name
ssh
.cache
.xauthority
.profile
.bashrc
.bash_logout
Follow terminal folder

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-172-31-94-176:~$ sudo service jenkins start
ubuntu@ip-172-31-94-176:~$ sudo service jenkins status
● jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/lib/systemd/system/jenkins.service; enabled; vendor preset: enabled)
   Active: active (running) since Fri 2022-10-07 06:01:42 UTC; 41s ago
     Main PID: 6736 (java)
       Tasks: 43 (limit: 1143)
      Memory: 297.4M
         CPU: 42.549s
    CGroup: /system.slice/jenkins.service
            └─6736 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war

Oct 07 06:01:11 ip-172-31-94-176 jenkins[6736]: This may also be found at: /var/lib/jenkins/secrets/initialAdminPassword
Oct 07 06:01:11 ip-172-31-94-176 jenkins[6736]: *****
Oct 07 06:01:11 ip-172-31-94-176 jenkins[6736]: *****
Oct 07 06:01:11 ip-172-31-94-176 jenkins[6736]: *****
Oct 07 06:01:42 ip-172-31-94-176 jenkins[6736]: 2022-10-07 06:01:42.803+0000 [id=29] INFO jenkins.InitReactorRun
Oct 07 06:01:42 ip-172-31-94-176 jenkins[6736]: 2022-10-07 06:01:42.859+0000 [id=22] INFO hudson.lifecycle.Life
Oct 07 06:01:42 ip-172-31-94-176 systemd[1]: Started Jenkins Continuous Integration Server.
Oct 07 06:01:42 ip-172-31-94-176 jenkins[6736]: 2022-10-07 06:01:42.952+0000 [id=44] INFO h.m.DownloadService
Oct 07 06:01:42 ip-172-31-94-176 jenkins[6736]: 2022-10-07 06:01:42.956+0000 [id=44] INFO hudson.util.Retrier
Oct 07 06:01:42 ip-172-31-94-176 jenkins[6736]: 2022-10-07 06:01:42.960+0000 [id=44] INFO hudson.model.AsyncPer

lines 1-20/20 (END)
ubuntu@ip-172-31-94-176:~$ sudo cat /var/lib/jenkins/secrets/initialAdminPassword
1e9e4489ca6e4c299ced6398a4eadbd1
ubuntu@ip-172-31-94-176:~$
ubuntu@ip-172-31-94-176:~$
```

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ENG
IN

11:40
07-10-2022