Part3- Container management

root@instance-20250307-145942:/home/lakshmi137# docker container ls

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

6e72eac8df6f nginx "/docker-entrypoint.…" 24 hours ago Up 24 hours 0.0.0.0:8080->80/tcp, :::8080->80/tcp my1-nginx

root@instance-20250307-145942:/home/lakshmi137# docker container ls -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

6e72eac8df6f nginx "/docker-entrypoint.…" 24 hours ago Up 24 hours 0.0.0.0:8080->80/tcp, :::8080->80/tcp my1-nginx

1e5755ac9a01 nginx "/docker-entrypoint.…" 24 hours ago Created nginx

85f405294669 nginx "/docker-entrypoint.…" 24 hours ago Created my-nginx

278d4c7f5fc3 nginx "/docker-entrypoint.…" 26 hours ago Exited (0) 24 hours ago peaceful\_lichterman

ebb4d0fc6054 nginx "/docker-entrypoint.…" 29 hours ago Exited (0) 29 hours ago eager\_ishizaka

b6b692d918a0 nginx "/docker-entrypoint.…" 29 hours ago Exited (0) 29 hours ago exciting\_wright

2b4b195456fd nginx "/docker-entrypoint.…" 44 hours ago Exited (0) 44 hours ago wonderful\_jang

6a5b898cc1fc nginx "/docker-entrypoint.…" 44 hours ago Exited (0) 44 hours ago amazing\_gould

b87aff9a0f3d nginx "/docker-entrypoint.…" 44 hours ago Exited (0) 44 hours ago vibrant\_hofstadter

d7322e9cdc69 nginx "/docker-entrypoint.…" 44 hours ago Exited (0) 44 hours ago magical\_chaplygin

dca2c935df45 sumanth17121988/javaapp:latest "java -jar app.jar" 3 days ago Exited (255) 29 hours ago 0.0.0.0:8081->8081/tcp, :::8081->8081/tcp epic\_galois

167ddf90cae9 sumanth17121988/javaapp:latest "java -jar app.jar" 3 days ago Exited (130) 3 days ago sharp\_babbage

5af817dd90ec dynatrace/easytravel-headless-loadgen "/bin/sh -c /run-pro…" 2 weeks ago Exited (255) 4 days ago headless-angular-loadgen

ccbe070f1851 dynatrace/easytravel-headless-loadgen "/bin/sh -c /run-pro…" 2 weeks ago Exited (255) 4 days ago headless-customer-loadgen

1e788a3cd21d dynatrace/easytravel-loadgen "/bin/sh -c /run-pro…" 2 weeks ago Exited (1) 6 days ago loadgen

1f753b99b105 dynatrace/easytravel-nginx "/docker-entrypoint.…" 2 weeks ago Exited (255) 4 days ago 0.0.0.0:80->80/tcp, :::80->80/tcp, 0.0.0.0:8080->8080/tcp, :::8080->8080/tcp, 0.0.0.0:9079->9079/tcp, :::9079->9079/tcp www

94025a365e49 dynatrace/easytravel-frontend "/bin/sh -c /run-pro…" 2 weeks ago Exited (255) 4 days ago 0.0.0.0:32771->8080/tcp, :::32771->8080/tcp frontend

2e53f34461ae dynatrace/easytravel-angular-frontend "/bin/sh -c /run-pro…" 2 weeks ago Exited (255) 4 days ago 0.0.0.0:32770->8080/tcp, :::32770->8080/tcp angular-frontend

7a3c0141fbf9 dynatrace/easytravel-backend "/bin/sh -c /run-pro…" 2 weeks ago Exited (255) 4 days ago 0.0.0.0:8091->8080/tcp, :::8091->8080/tcp backend

01719ff8bb8f dynatrace/easytravel-mongodb "/bin/sh -c ${SCRIPT…" 2 weeks ago Exited (255) 4 days ago 0.0.0.0:32769->27017/tcp, :::32769->27017/tcp, 0.0.0.0:32768->28017/tcp, :::32768->28017/tcp mongodb

root@instance-20250307-145942:/home/lakshmi137# docker container stop 6e72eac8df6f

6e72eac8df6f

root@instance-20250307-145942:/home/lakshmi137# docker container start 6e72eac8df6f

root@instance-20250307-145942:/home/lakshmi137# docker container ls -a

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

6e72eac8df6f nginx "/docker-entrypoint.…" 24 hours ago Up 3 minutes 0.0.0.0:8080->80/tcp, :::8080->80/tcp my1-nginx

85f405294669 nginx "/docker-entrypoint.…" 24 hours ago Created my-nginx

278d4c7f5fc3 nginx "/docker-entrypoint.…" 26 hours ago Exited (0) 24 hours ago peaceful\_lichterman

ebb4d0fc6054 nginx "/docker-entrypoint.…" 29 hours ago Exited (0) 29 hours ago eager\_ishizaka

b6b692d918a0 nginx "/docker-entrypoint.…" 29 hours ago Exited (0) 29 hours ago exciting\_wright

2b4b195456fd nginx "/docker-entrypoint.…" 44 hours ago Exited (0) 44 hours ago wonderful\_jang

6a5b898cc1fc nginx "/docker-entrypoint.…" 44 hours ago Exited (0) 44 hours ago amazing\_gould

b87aff9a0f3d nginx "/docker-entrypoint.…" 44 hours ago Exited (0) 44 hours ago vibrant\_hofstadter

d7322e9cdc69 nginx "/docker-entrypoint.…" 44 hours ago Exited (0) 44 hours ago magical\_chaplygin

dca2c935df45 sumanth17121988/javaapp:latest "java -jar app.jar" 3 days ago Exited (255) 29 hours ago 0.0.0.0:8081->8081/tcp, :::8081->8081/tcp epic\_galois

167ddf90cae9 sumanth17121988/javaapp:latest "java -jar app.jar" 3 days ago Exited (130) 3 days ago sharp\_babbage

root@instance-20250307-145942:/home/lakshmi137# docker container rm 167ddf90cae9 dca2c935df45 d7322e9cdc69 b87aff9a0f3d 6a5b898cc1fc 2b4b195456fd b6b692d918a0 ebb4d0fc6054 278d4c7f5fc3

167ddf90cae9

dca2c935df45

d7322e9cdc69

b87aff9a0f3d

6a5b898cc1fc

2b4b195456fd

b6b692d918a0

ebb4d0fc6054

278d4c7f5fc3

root@instance-20250307-145942:/home/lakshmi137#

root@instance-20250307-145942:/home/lakshmi137# docker exec -it my1-nginx /bin/bash

root@6e72eac8df6f:/# whoami

root

root@6e72eac8df6f:/# docker run -p 8080:8080 -p 50000:50000 jenkins/jenkins

bash: docker: command not found

root@6e72eac8df6f:/# exit

exit

root@instance-20250307-145942:/home/lakshmi137# docker run -p 8080:8080 -p 50000:50000 jenkins/jenkins

Unable to find image 'jenkins/jenkins:latest' locally

latest: Pulling from jenkins/jenkins

7cd785773db4: Pull complete

4323b613447d: Pull complete

eec1952536a9: Pull complete

b9fcd549558d: Pull complete

743c1c69eb66: Pull complete

2b005e8acf52: Pull complete

e7e22a1da8f6: Pull complete

5daee7ea5eb6: Pull complete

bbb418a8a466: Pull complete

ccfc3f9a95cb: Pull complete

b6a32e0eef53: Pull complete

5faefa2d0cdc: Pull complete

Digest: sha256:89b19a1fcb079d6e4ab13951902d7e84935921a2186b0ff13534983530b1ea48

Status: Downloaded newer image for jenkins/jenkins:latest

docker: Error response from daemon: driver failed programming external connectivity on endpoint nifty\_jackson (9f666444277b05e5119a273f142737f590506f6ae5b507d90ff0a04ead19c13c): Error starting userland proxy: listen tcp4 0.0.0.0:50000: bind: address already in use.

root@instance-20250307-145942:/home/lakshmi137# docker images

REPOSITORY TAG IMAGE ID CREATED SIZE

jenkins/jenkins latest be95e0848c42 22 hours ago 466MB

sumanth17121988/javaapp latest 72d51fff94b1 3 days ago 428MB

nginx latest 53a18edff809 6 weeks ago 192MB

dynatrace/easytravel-nginx latest 8412337230e8 8 months ago 136MB

dynatrace/easytravel-mongodb latest 08c09703b1c4 8 months ago 175MB

dynatrace/easytravel-loadgen latest 961723804bad 8 months ago 447MB

dynatrace/easytravel-headless-loadgen latest 24bc358487c2 8 months ago 1.5GB

dynatrace/easytravel-frontend latest a4cb8d3a839a 8 months ago 635MB

dynatrace/easytravel-backend latest 12eb6f2c1cdd 8 months ago 638MB

dynatrace/easytravel-angular-frontend latest a2736d547211 8 months ago 632MB

root@instance-20250307-145942:/home/lakshmi137#

root@instance-20250307-145942:/home/lakshmi137# docker run -d -p 8080:8080 -p 50000:50000 jenkins/jenkins

bc2b2aa00bceb82f832d136ed63a932d7b59151cf0dd83ba99037448101bc2a0

root@instance-20250307-145942:/home/lakshmi137#

root@instance-20250307-145942:/home/lakshmi137# docker run -d -p 8080:8080 -p 50000:50000 jenkins/jenkins

bc2b2aa00bceb82f832d136ed63a932d7b59151cf0dd83ba99037448101bc2a0

root@instance-20250307-145942:/home/lakshmi137# docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

bc2b2aa00bce jenkins/jenkins "/usr/bin/tini -- /u…" 5 minutes ago Up 5 minutes 0.0.0.0:8080->8080/tcp, :::8080->8080/tcp, 0.0.0.0:50000->50000/tcp, :::50000->50000/tcp nostalgic\_carver

root@instance-20250307-145942:/home/lakshmi137#

root@instance-20250307-145942:/home/lakshmi137# docker run -m 1GB -e JAVA\_OPTS="-Xms500M -Xmx500M" -p 8080:8080 -p 50000:50000 jenkins/jenkins

Running from: /usr/share/jenkins/jenkins.war

webroot: /var/jenkins\_home/war

2025-03-26 12:42:57.150+0000 [id=1] INFO winstone.Logger#logInternal: Beginning extraction from war file

2025-03-26 12:42:58.010+0000 [id=1] WARNING o.e.j.ee9.nested.ContextHandler#setContextPath: Empty contextPath

2025-03-26 12:42:58.073+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: jetty-12.0.18; built: 2025-03-13T00:46:02.267Z; git: 09e23e17430c08ed812993bebc9526dd3e67822a; jvm 17.0.14+7

2025-03-26 12:42:58.603+0000 [id=1] INFO o.e.j.e.w.StandardDescriptorProcessor#visitServlet: NO JSP Support for /, did not find org.eclipse.jetty.ee9.jsp.JettyJspServlet

2025-03-26 12:42:58.667+0000 [id=1] INFO o.e.j.s.DefaultSessionIdManager#doStart: Session workerName=node0

2025-03-26 12:42:59.164+0000 [id=1] INFO hudson.WebAppMain#contextInitialized: Jenkins home directory: /var/jenkins\_home found at: EnvVars.masterEnvVars.get("JENKINS\_HOME")

2025-03-26 12:42:59.278+0000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started oeje9n.ContextHandler$CoreContextHandler@23382f76{Jenkins v2.503,/,b=file:///var/jenkins\_home/war/,a=AVAILABLE,h=oeje9n.ContextHandler$CoreContextHandler$CoreToNestedHandler@7c551ad4{STARTED}}

2025-03-26 12:42:59.294+0000 [id=1] INFO o.e.j.server.AbstractConnector#doStart: Started ServerConnector@39ad12b6{HTTP/1.1, (http/1.1)}{0.0.0.0:8080}

2025-03-26 12:42:59.310+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: Started oejs.Server@53f0a4cb{STARTING}[12.0.18,sto=0] @2850ms

2025-03-26 12:42:59.316+0000 [id=25] INFO winstone.Logger#logInternal: Winstone Servlet Engine running: controlPort=disabled

2025-03-26 12:42:59.466+0000 [id=24] INFO jenkins.model.Jenkins#<init>: Starting version 2.503

2025-03-26 12:42:59.577+0000 [id=33] INFO jenkins.InitReactorRunner$1#onAttained: Started initialization

2025-03-26 12:42:59.600+0000 [id=32] INFO jenkins.InitReactorRunner$1#onAttained: Listed all plugins

2025-03-26 12:43:00.538+0000 [id=37] INFO jenkins.InitReactorRunner$1#onAttained: Prepared all plugins

2025-03-26 12:43:00.544+0000 [id=38] INFO jenkins.InitReactorRunner$1#onAttained: Started all plugins

2025-03-26 12:43:00.545+0000 [id=37] INFO jenkins.InitReactorRunner$1#onAttained: Augmented all extensions

2025-03-26 12:43:00.722+0000 [id=34] INFO jenkins.InitReactorRunner$1#onAttained: System config loaded

2025-03-26 12:43:00.722+0000 [id=37] INFO jenkins.InitReactorRunner$1#onAttained: System config adapted

2025-03-26 12:43:00.723+0000 [id=37] INFO jenkins.InitReactorRunner$1#onAttained: Loaded all jobs

2025-03-26 12:43:00.724+0000 [id=37] INFO jenkins.InitReactorRunner$1#onAttained: Configuration for all jobs updated

2025-03-26 12:43:00.785+0000 [id=51] INFO hudson.util.Retrier#start: Attempt #1 to do the action check updates server

2025-03-26 12:43:01.232+0000 [id=34] INFO jenkins.install.SetupWizard#init:

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Jenkins initial setup is required. An admin user has been created and a password generated.

Please use the following password to proceed to installation:

fb0a14fa496348a58db151d4e83e66c0

This may also be found at: /var/jenkins\_home/secrets/initialAdminPassword

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2025-03-26 12:43:04.591+0000 [id=35] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization

2025-03-26 12:43:04.606+0000 [id=24] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running

2025-03-26 12:43:04.961+0000 [id=51] INFO h.m.DownloadService$Downloadable#load: Obtained the updated data file for hudson.tasks.Maven.MavenInstaller

2025-03-26 12:43:04.962+0000 [id=51] INFO hudson.util.Retrier#start: Performed the action check updates server successfully at the attempt #1

^C

root@instance-20250307-145942:/home/lakshmi137# docker exec -it intelligent\_lewin /bin/bash

jenkins@801e63ce8f85:/$ cd /var/jenkins\_home/secrets/initialAdminPassword

bash: cd: /var/jenkins\_home/secrets/initialAdminPassword: Not a directory

jenkins@801e63ce8f85:/$ ls -ltr

total 48

drwxr-xr-x 2 root root 4096 Mar 7 17:30 home

drwxr-xr-x 2 root root 4096 Mar 7 17:30 boot

drwxr-xr-x 1 root root 4096 Mar 17 00:00 usr

drwxr-xr-x 2 root root 4096 Mar 17 00:00 srv

lrwxrwxrwx 1 root root 8 Mar 17 00:00 sbin -> usr/sbin

drwxr-xr-x 2 root root 4096 Mar 17 00:00 mnt

drwxr-xr-x 2 root root 4096 Mar 17 00:00 media

lrwxrwxrwx 1 root root 9 Mar 17 00:00 lib64 -> usr/lib64

lrwxrwxrwx 1 root root 7 Mar 17 00:00 lib -> usr/lib

lrwxrwxrwx 1 root root 7 Mar 17 00:00 bin -> usr/bin

drwxr-xr-x 1 root root 4096 Mar 25 14:12 run

drwxr-xr-x 1 root root 4096 Mar 25 14:12 var

drwx------ 1 root root 4096 Mar 25 14:12 root

drwxr-xr-x 1 root root 4096 Mar 25 14:14 opt

drwxr-xr-x 1 root root 4096 Mar 26 13:15 etc

dr-xr-xr-x 13 root root 0 Mar 26 13:15 sys

dr-xr-xr-x 198 root root 0 Mar 26 13:15 proc

drwxr-xr-x 5 root root 340 Mar 26 13:15 dev

drwxrwxrwt 1 root root 4096 Mar 26 13:15 tmp

jenkins@801e63ce8f85:/$ cd var/jenkins\_home/secret

bash: cd: var/jenkins\_home/secret: No such file or directory

jenkins@801e63ce8f85:/$ cd /var/jenkins\_home/secret

bash: cd: /var/jenkins\_home/secret: No such file or directory

jenkins@801e63ce8f85:/$ cd /var/jenkins\_home/

jenkins@801e63ce8f85:~$ ls -ltr

total 52

-rw-r--r-- 1 jenkins jenkins 108 Mar 26 13:15 copy\_reference\_file.log

drwxr-xr-x 10 jenkins jenkins 4096 Mar 26 13:15 war

-rw-r--r-- 1 jenkins jenkins 64 Mar 26 13:15 secret.key

-rw-r--r-- 1 jenkins jenkins 0 Mar 26 13:15 secret.key.not-so-secret

drwxr-xr-x 2 jenkins jenkins 4096 Mar 26 13:15 plugins

drwxr-xr-x 2 jenkins jenkins 4096 Mar 26 13:15 jobs

-rw-r--r-- 1 jenkins jenkins 156 Mar 26 13:15 hudson.model.UpdateCenter.xml

-rw-r--r-- 1 jenkins jenkins 171 Mar 26 13:15 jenkins.telemetry.Correlator.xml

drwxr-xr-x 2 jenkins jenkins 4096 Mar 26 13:15 userContent

-rw-r--r-- 1 jenkins jenkins 1037 Mar 26 13:15 nodeMonitors.xml

drwxr-xr-x 3 jenkins jenkins 4096 Mar 26 13:15 users

drwx------ 2 jenkins jenkins 4096 Mar 26 13:15 secrets

-rw-r--r-- 1 jenkins jenkins 1661 Mar 26 13:15 config.xml

drwxr-xr-x 2 jenkins jenkins 4096 Mar 26 13:15 updates

jenkins@801e63ce8f85:~$ vi secret

bash: vi: command not found

jenkins@801e63ce8f85:~$ vi secrets

bash: vi: command not found

jenkins@801e63ce8f85:~$ cd secrets/

jenkins@801e63ce8f85:~/secrets$ ls -ltr

total 12

-rw-r--r-- 1 jenkins jenkins 256 Mar 26 13:15 master.key

-rw-r--r-- 1 jenkins jenkins 32 Mar 26 13:15 jenkins.model.Jenkins.crumbSalt

-rw-r----- 1 jenkins jenkins 33 Mar 26 13:15 initialAdminPassword

jenkins@801e63ce8f85:~/secrets$ tail -f initialAdminPassword

2a572c9b2a60449c8006e471c4401ab2

A screenshot of a computer

AI-generated content may be incorrect.

root@instance-20250307-145942:/home/lakshmi137# docker ps

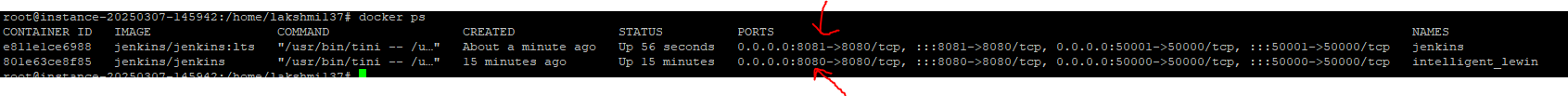
CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

801e63ce8f85 jenkins/jenkins "/usr/bin/tini -- /u…" 13 minutes ago Up 13 minutes 0.0.0.0:8080->8080/tcp, :::8080->8080/tcp, 0.0.0.0:50000->50000/tcp, :::50000->50000/tcp intelligent\_lewin

root@instance-20250307-145942:/home/lakshmi137#

A black background with a black border

AI-generated content may be incorrect.



A screenshot of a computer

AI-generated content may be incorrect.

root@instance-20250307-145942:/home/lakshmi137# docker ps

CONTAINER ID IMAGE COMMAND CREATED STATUS PORTS NAMES

e811e1ce6988 jenkins/jenkins:lts "/usr/bin/tini -- /u…" About a minute ago Up 56 seconds 0.0.0.0:8081->8080/tcp, :::8081->8080/tcp, 0.0.0.0:50001->50000/tcp, :::50001->50000/tcp jenkins

801e63ce8f85 jenkins/jenkins "/usr/bin/tini -- /u…" 15 minutes ago Up 15 minutes 0.0.0.0:8080->8080/tcp, :::8080->8080/tcp, 0.0.0.0:50000->50000/tcp, :::50000->50000/tcp intelligent\_lewin

root@instance-20250307-145942:/home/lakshmi137# docker exec -it jenkins /bin/bash

jenkins@e811e1ce6988:/$ cd /var/jenkins\_home/secrets/

jenkins@e811e1ce6988:~/secrets$ ls -ltr

total 12

-rw-r--r-- 1 jenkins jenkins 256 Mar 26 13:29 master.key

-rw-r--r-- 1 jenkins jenkins 32 Mar 26 13:29 jenkins.model.Jenkins.crumbSalt

-rw-r----- 1 jenkins jenkins 33 Mar 26 13:29 initialAdminPassword

jenkins@e811e1ce6988:~/secrets$ vi initialAdminPassword

bash: vi: command not found

jenkins@e811e1ce6988:~/secrets$ cd initialAdminPassword

bash: cd: initialAdminPassword: Not a directory

jenkins@e811e1ce6988:~/secrets$ ls -ltr

total 12

-rw-r--r-- 1 jenkins jenkins 256 Mar 26 13:29 master.key

-rw-r--r-- 1 jenkins jenkins 32 Mar 26 13:29 jenkins.model.Jenkins.crumbSalt

-rw-r----- 1 jenkins jenkins 33 Mar 26 13:29 initialAdminPassword

jenkins@e811e1ce6988:~/secrets$ vi initialAdminPassword

bash: vi: command not found

jenkins@e811e1ce6988:~/secrets$ tail -f initialAdminPassword

22ad95eefab0456195572887e2a11e0f

A screenshot of a computer

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.

A black screen with many small dots

AI-generated content may be incorrect.

A screenshot of a computer

AI-generated content may be incorrect.