

First we need to Install Docker and Jenkins:

Run Docker:

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93adb33763: Pull complete
0861e8332798: Pull complete
ef2cbaf40633: Pull complete
967adcb2ec33: Pull complete
f5b1b571411: Pull complete
a1704a032ac5: Pull complete
52036ef4eb72: Pull complete
git: sha256:0209eb735a0f586228a49acc4bde36087a9d3de7de76e862e563ce099ed12
Status: Downloaded newer image for jenkins/jenkins:latest
13fe201aal3719ab22bf4a752fdd498fcd2e5b2f67c23be018fccc6d59b2eca6b
[ec2-user@ip-172-31-81-144 ~]$ docker logs myjenkins
Running from /usr/share/jenkins/jenkins.war
webroot: EnvVars.masterEnvVars.get("JENKINS_HOME")
2022-10-08 13:30:59.050+0000 [id=1] INFO winstone.Logger$logInterval: Beginning extraction from war file
2022-10-08 13:31:00.749+0000 [id=1] WARNING o.e.j.s.handler.ContextHandler$setContextPath: Empty contextPath
2022-10-08 13:31:00.920+0000 [id=1] INFO org.eclipse.jetty.server.Server$doStart: jetty-10.0.12; built: 2022-09-14T01:54:40.076Z; git: 408d01398b7e2a75b54de52ed2d92
36731a7a887; yvm 11.0.6.16.1
2022-10-08 13:31:01.717+0000 [id=1] INFO o.e.j.w.StandardDescriptorProcessor$visitServlet: No USP Support for /, did not find org.eclipse.jetty.jsp.JettyJspServlet
2022-10-08 13:31:01.880+0000 [id=1] INFO o.e.j.s.DefaultSessionIdManager$doStart: Session workshopName=mode0
2022-10-08 13:31:02.999+0000 [id=1] INFO hudson.WebAppMain$contextInitialized: Jenkins home directory: /var/jenkins_home found at: EnvVars.masterEnvVars.get("JENKINS_HOME")
2022-10-08 13:31:03.376+0000 [id=1] INFO o.e.j.s.handler.ContextHandler$doStart: Started w.8a2a6aJenkins v2.372,,file:///var/jenkins_home/war,/AVAILABLE[/var/jenkins_home/war]
2022-10-08 13:31:03.414+0000 [id=1] INFO o.e.j.server.AbstractConnector$doStart: Started ServerConnector@394cldaf[HTTP/1.1, {http/1.1}][0.0.0.0:8080]
2022-10-08 13:31:03.458+0000 [id=1] INFO org.eclipse.jetty.server.Server$doStart: Started Server@31e4bb20[STARTING][10.0.12.sto0] #5728ms

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Built: Thu Jun 16 20:09:24 2022
OS/Arch: linux/amd64
Experimental: false
containerd:
  Version: 1.6.6
  GitCommit: 10c12954828e7c7c9b6e0ea9b0c02b01407d3ae1
runc:
  Version: 1.1.3
  GitCommit: 1e7bb5b773162b57333d57f612fd72e3f8612d94
docker-init:
  Version: 0.19.0
  GitCommit: de40ad0
[ec2-user@ip-172-31-81-144 ~]$ docker ps -a
CONTAINER ID   IMAGE      COMMAND                  CREATED        STATUS        PORTS        NAMES
[ec2-user@ip-172-31-81-144 ~]$ docker container run -d --name myjenkins -p 8080:8080 jenkins/jenkins
Unable to find image 'jenkins/jenkins:latest' locally
latest: Pulling from jenkins/jenkins
23858da423a6: Pull complete
ff349a6febe2: Pull complete
64004340f826: Pull complete
570f2379bae6: Pull complete
1f2e37d56b73: Pull complete
ebbf451fcb96: Pull complete
8349d5de66h2: Pull complete
8a3a8bb38762: Pull complete
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HOME")
2022-10-08 13:31:03.376+0000 [id=1] INFO o.e.j.s.handler.ContextHandler#doStart: Started w.08a2a6a(Jenkins v2.372,,file:///var/jenkins_home/war/,AVAILABLE)[/var/jen
kins_home/war]
2022-10-08 13:31:03.414+0000 [id=1] INFO o.e.j.server.AbstractConnector#doStart: Started ServerConnector@349cldaf[HTTP/1.1, (http/1.1)]{0.0.0.0:8080}
2022-10-08 13:31:03.458+0000 [id=1] INFO org.eclipse.jetty.server.Server#doStart: Started Server@31e4bb20[STARTING][10.0.12,sto=0] @5728ms
2022-10-08 13:31:03.474+0000 [id=23] INFO winstone.Logger#logInternal: Winstone Servlet Engine running: controlPort=disabled
2022-10-08 13:31:04.049+0000 [id=28] INFO jenkins.InitReactorRunner$1#onAttained: Started initialization
2022-10-08 13:31:04.097+0000 [id=29] INFO jenkins.InitReactorRunner$1#onAttained: Listed all plugins
2022-10-08 13:31:06.125+0000 [id=28] INFO jenkins.InitReactorRunner$1#onAttained: Prepared all plugins
2022-10-08 13:31:06.131+0000 [id=28] INFO jenkins.InitReactorRunner$1#onAttained: Started all plugins
2022-10-08 13:31:06.170+0000 [id=28] INFO jenkins.InitReactorRunner$1#onAttained: Augmented all extensions
2022-10-08 13:31:06.663+0000 [id=28] INFO jenkins.InitReactorRunner$1#onAttained: System config loaded
2022-10-08 13:31:06.663+0000 [id=28] INFO jenkins.InitReactorRunner$1#onAttained: System config adapted
2022-10-08 13:31:06.664+0000 [id=28] INFO jenkins.InitReactorRunner$1#onAttained: Loaded all jobs
2022-10-08 13:31:06.668+0000 [id=28] INFO jenkins.InitReactorRunner$1#onAttained: Configuration for all jobs updated
WARNING: An illegal reflective access operation has occurred
WARNING: Illegal reflective access by org.codehaus.groovy.vmplugin.v7.Java7$1 (file:/var/jenkins_home/war/WEB-INF/lib/groovy-all-2.4.21.jar) to constructor java.lang.invoke
.MethodHandles$Lookup(java.lang.Class,int)
WARNING: Please consider reporting this to the maintainers of org.codehaus.groovy.vmplugin.v7.Java7$1
WARNING: Use --illegal-access=warn to enable warnings of further illegal reflective access operations
WARNING: All illegal access operations will be denied in a future release
2022-10-08 13:31:07.421+0000 [id=42] INFO hudson.model.AsyncPeriodicWork#lambda$doRun$0: Started Download metadata
2022-10-08 13:31:07.444+0000 [id=42] INFO hudson.util.Retrier#start: Attempt #1 to do the action check updates server
2022-10-08 13:31:08.271+0000 [id=29] INFO jenkins.install.SetupWizard#init:
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2022-10-08 13:31:07.444+0000 [id=42] INFO hudson.util.Retrier#start: Attempt #1 to do the action check updates server
2022-10-08 13:31:08.271+0000 [id=29] INFO jenkins.install.SetupWizard#init:

*****
*****
*****

Jenkins initial setup is required. An admin user has been created and a password generated.
Please use the following password to proceed to installation:

6949eccaf4c34c95a986edded32f284d

This may also be found at: /var/jenkins_home/secrets/initialAdminPassword

*****
*****
*****

2022-10-08 13:31:39.802+0000 [id=28] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
2022-10-08 13:31:39.842+0000 [id=22] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
2022-10-08 13:31:39.944+0000 [id=42] INFO h.s.DownloadService$Downloadable#load: Obtained the updated data file for hudson.tasks.Maven.MavenInstaller
2022-10-08 13:31:39.945+0000 [id=42] INFO hudson.util.Retrier#start: Performed the action check updates server successfully at the attempt #1
2022-10-08 13:31:39.948+0000 [id=42] INFO hudson.model.AsyncPeriodicWork$lambda$doRun$0: Finished Download metadata. 32,525 ms
[ec2-user@ip-172-31-81-144 ~]$ sudo chmod 777 /var/run/docker.sock
[ec2-user@ip-172-31-81-144 ~]$
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