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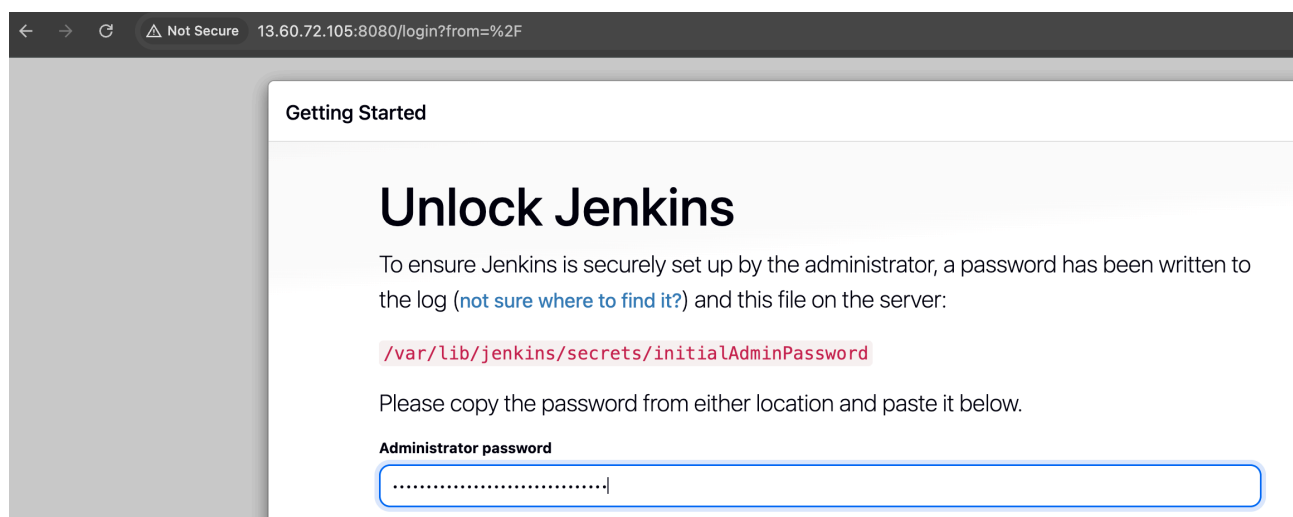
---

## Sudo systemctl start jenkins

```
Installed:
jenkins-2.528.3-1.1.noarch

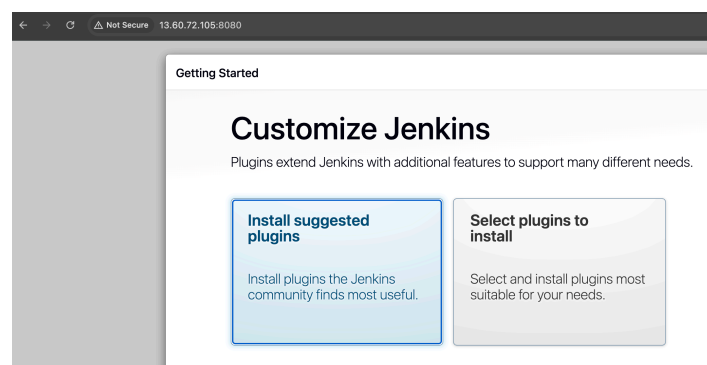
Complete!
[root@ip-172-31-29-44 ~]# sudo dnf install jenkins -y
Last metadata expiration check: 0:00:38 ago on Thu Dec 11 13:04:12 2025.
Package jenkins-2.528.3-1.1.noarch is already installed.
Dependencies resolved.
Nothing to do.
Complete!
[root@ip-172-31-29-44 ~]# sudo systemctl start jenkins
[root@ip-172-31-29-44 ~]# sudo systemctl enable jenkins
Created symlink /etc/systemd/system/multi-user.target.wants/jenkins.service → /usr/lib/systemd/system/jenkins.service.
[root@ip-172-31-29-44 ~]# sudo systemctl restart jenkins
[root@ip-172-31-29-44 ~]# sudo systemctl status jenkins
● jenkins.service - Jenkins Continuous Integration Server
   Loaded: loaded (/usr/lib/systemd/system/jenkins.service; enabled; preset: disabled)
   Active: active (running) since Thu 2025-12-11 13:06:05 UTC; 15s ago
     Main PID: 30041 (java)
       Tasks: 45 (limit: 1053)
      Memory: 265.8M
         CPU: 15.521s
        CGroup: /system.slice/jenkins.service
                └─30041 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080

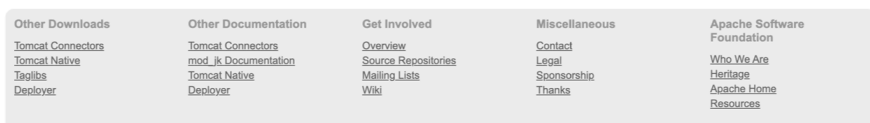
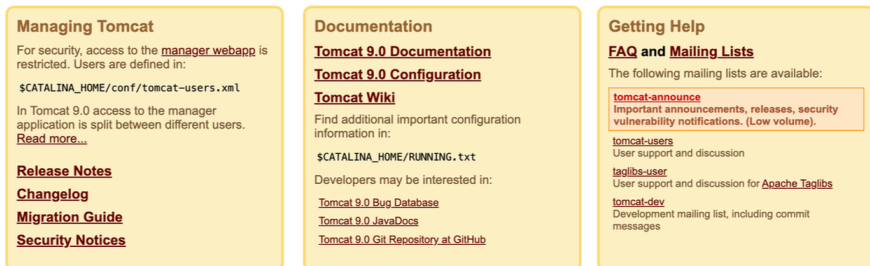
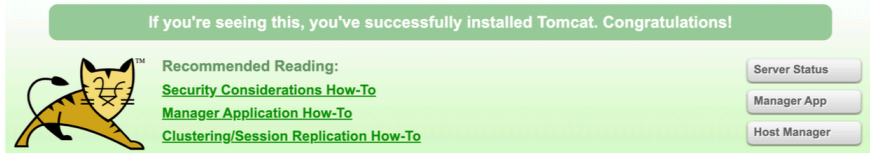
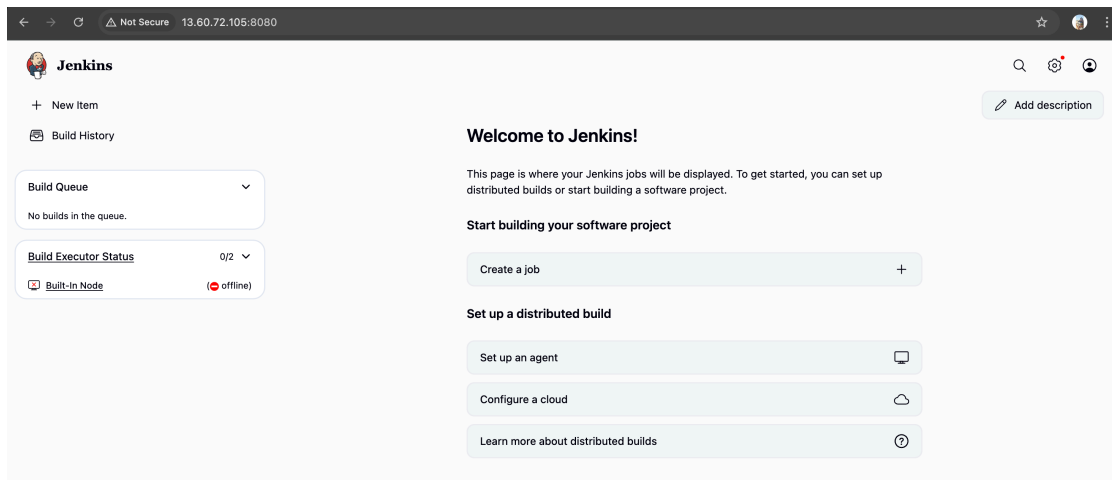
Dec 11 13:06:01 ip-172-31-29-44.eu-north-1.compute.internal jenkins[30041]: [LF]>
Dec 11 13:06:01 ip-172-31-29-44.eu-north-1.compute.internal jenkins[30041]: [LF]> This may also be found at: /var/lib/jenkins/secrets/initial
Dec 11 13:06:01 ip-172-31-29-44.eu-north-1.compute.internal jenkins[30041]: [LF]>
Dec 11 13:06:01 ip-172-31-29-44.eu-north-1.compute.internal jenkins[30041]: [LF]> *****
Dec 11 13:06:01 ip-172-31-29-44.eu-north-1.compute.internal jenkins[30041]: [LF]> *****
Dec 11 13:06:01 ip-172-31-29-44.eu-north-1.compute.internal jenkins[30041]: [LF]> *****
Dec 11 13:06:05 ip-172-31-29-44.eu-north-1.compute.internal jenkins[30041]: 2025-12-11 13:06:05.810+0000 [id=31] INFO jenkins.I
Dec 11 13:06:05 ip-172-31-29-44.eu-north-1.compute.internal jenkins[30041]: 2025-12-11 13:06:05.830+0000 [id=23] INFO hudson.li
Dec 11 13:06:05 ip-172-31-29-44.eu-north-1.compute.internal systemd[1]: Started jenkins.service - Jenkins Continuous Integration Server.
Dec 11 13:06:10 ip-172-31-29-44.eu-north-1.compute.internal jenkins[30041]: 2025-12-11 13:06:10.867+0000 [id=59] WARNING h.n.Di
lines 1-20/20 (END)
```



For password > sudo cat /var/lib/jenkins/secrets/initialAdminPassword

```
[root@ip-172-31-29-44 ~]# sudo cat /var/lib/jenkins/secrets/initialAdminPassword
df28515ff90f4ba59908049c04e60c75
[root@ip-172-31-29-44 ~]#
```





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>> yum install docker

```
[root@ip-172-31-29-44 ~]# sudo yum install docker -y
Last metadata expiration check: 1:02:50 ago on Thu Dec 11 13:04:12 2025.
Dependencies resolved.
=====
Package                               Architecture      Version            Repository         Size
=====
Installing:
docker                                x86_64            25.0.13-1.amzn2023.0.2  amazonlinux        46 M
Installing dependencies:
container-selinux                     x86_64            2.1.4-1.amzn2023.0.2  amazonlinux        58 k
containerd                             x86_64            2.1.4-1.amzn2023.0.2  amazonlinux        23 M
iptables-libs                         x86_64            1.8.8-3.amzn2023.0.2  amazonlinux        401 k
iptables-nft                         x86_64            1.8.8-3.amzn2023.0.2  amazonlinux        183 k
libcgroup                             x86_64            3.0-1.amzn2023.0.1    amazonlinux         75 k
libnetfilter_conntrack                x86_64            1.0.8-2.amzn2023.0.2  amazonlinux         58 k
libnftnl                             x86_64            1.0.1-19.amzn2023.0.2  amazonlinux         30 k
libnftnl                             x86_64            1.2.2-2.amzn2023.0.2  amazonlinux         84 k
nftables                             x86_64            2.5-1.amzn2023.0.3    amazonlinux         83 k
runc                                   x86_64            1.3.3-2.amzn2023.0.1  amazonlinux        3.9 M
=====
```



```

Installed:
  container-selinux-4:2.242.0-1.amzn2023.noarch      containerd-2.1.4-1.amzn2023.0.2.x86_64
  iptables-nft-1.8.8-3.amzn2023.0.2.x86_64         libcgrouper-3.0-1.amzn2023.0.1.x86_64
  libnftnl-1.2.2-2.amzn2023.0.2.x86_64             pigz-2.5-1.amzn2023.0.3.x86_64

Complete!
[[root@ip-172-31-29-44 ~]# sudo systemctl enable docker
Created symlink /etc/systemd/system/multi-user.target.wants/docker.service → /usr/lib/systemd/
[[root@ip-172-31-29-44 ~]# sudo systemctl start docker
[[root@ip-172-31-29-44 ~]# sudo systemctl status docker
● docker.service - Docker Application Container Engine
   Loaded: loaded (/usr/lib/systemd/system/docker.service; enabled; preset: disabled)
   Active: active (running) since Thu 2025-12-11 14:10:36 UTC; 14s ago
 TriggeredBy: ● docker.socket
    Docs: https://docs.docker.com
   Process: 35367 ExecStartPre=/bin/mkdir -p /run/docker (code=exited, status=0/SUCCESS)
   Process: 35368 ExecStartPre=/usr/libexec/docker/docker-setup-runtimes.sh (code=exited, sta
 Main PID: 35369 (dockerd)
    Tasks: 9
   Memory: 31.2M
      CPU: 325ms
   CGroup: /system.slice/docker.service
           └─35369 /usr/bin/dockerd -H fd:// --containerd=/run/containerd/containerd.sock --

Dec 11 14:10:35 ip-172-31-29-44.eu-north-1.compute.internal systemd[1]: Starting docker.servic
Dec 11 14:10:35 ip-172-31-29-44.eu-north-1.compute.internal dockerd[35369]: time="2025-12-11T1
Dec 11 14:10:36 ip-172-31-29-44.eu-north-1.compute.internal dockerd[35369]: time="2025-12-11T1
Dec 11 14:10:36 ip-172-31-29-44.eu-north-1.compute.internal dockerd[35369]: time="2025-12-11T1
Dec 11 14:10:36 ip-172-31-29-44.eu-north-1.compute.internal dockerd[35369]: time="2025-12-11T1
Dec 11 14:10:36 ip-172-31-29-44.eu-north-1.compute.internal dockerd[35369]: time="2025-12-11T1
Dec 11 14:10:36 ip-172-31-29-44.eu-north-1.compute.internal dockerd[35369]: time="2025-12-11T1
Dec 11 14:10:36 ip-172-31-29-44.eu-north-1.compute.internal dockerd[35369]: time="2025-12-11T1
Dec 11 14:10:36 ip-172-31-29-44.eu-north-1.compute.internal systemd[1]: Started docker.servic
[

```

>> sudo docker run hello-world

```

[[root@ip-172-31-29-44 ~]# sudo docker run hello-world
Unable to find image 'hello-world:latest' locally
latest: Pulling from library/hello-world
17eec7bbc9d7: Pull complete
Digest: sha256:d4aaab6242e0cace87e2ec17a2ed3d779d18fbfd03042ea58f2995626396a274
Status: Downloaded newer image for hello-world:latest

Hello from Docker!
This message shows that your installation appears to be working correctly.

To generate this message, Docker took the following steps:
 1. The Docker client contacted the Docker daemon.
 2. The Docker daemon pulled the "hello-world" image from the Docker Hub.
    (amd64)
 3. The Docker daemon created a new container from that image which runs the
    executable that produces the output you are currently reading.
 4. The Docker daemon streamed that output to the Docker client, which sent it
    to your terminal.

To try something more ambitious, you can run an Ubuntu container with:
$ docker run -it ubuntu bash

Share images, automate workflows, and more with a free Docker ID:
https://hub.docker.com/

For more examples and ideas, visit:
https://docs.docker.com/get-started/

[[root@ip-172-31-29-44 ~]# █

```