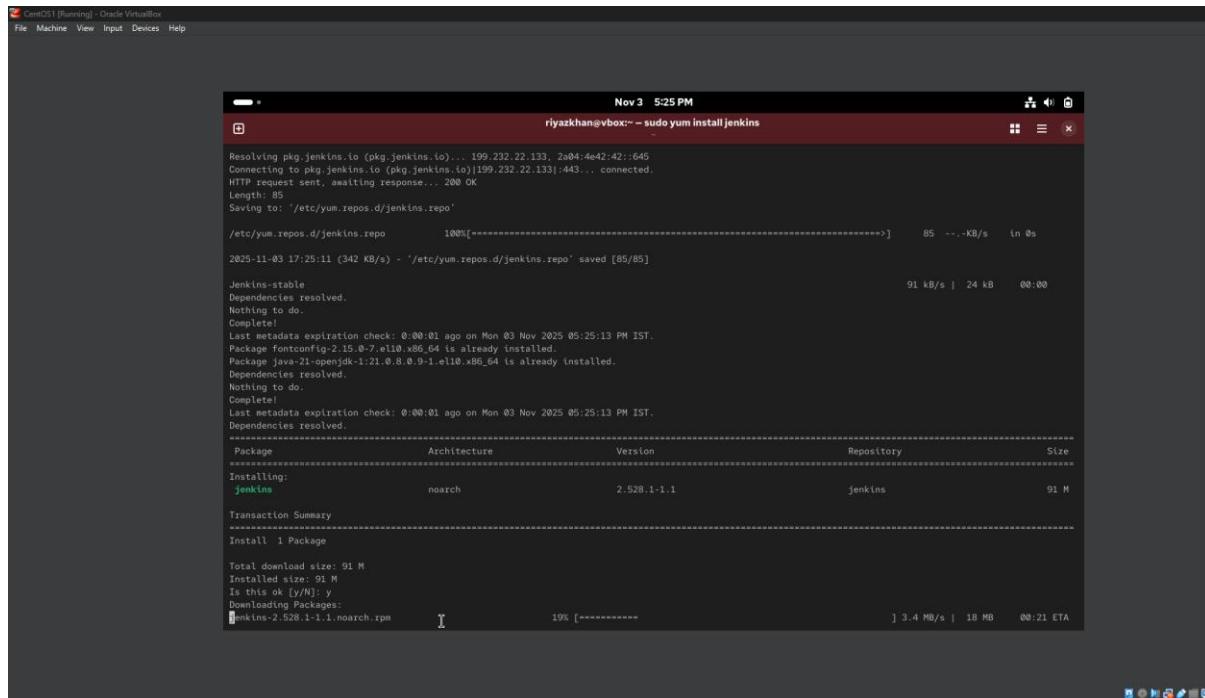


# Installing Jenkins in CentOS



```
CentOS [Running] : Oracle VirtualBox
File Machine View Input Devices Help

Nov 3 5:25 PM
riyazkhan@vbox:~$ sudo yum install jenkins
Resolving pkg.jenkins.io (pkg.jenkins.io)... 199.232.22.133, 2a04:4e42:42::645
Connecting to pkg.jenkins.io (pkg.jenkins.io)|199.232.22.133|:443... connected.
HTTP request sent, awaiting response... 200 OK
Length: 85
Saving to: '/etc/yum.repos.d/jenkins.repo'

/etc/yum.repos.d/jenkins.repo          100%[=====]     85 --.-KB/s   in 0s

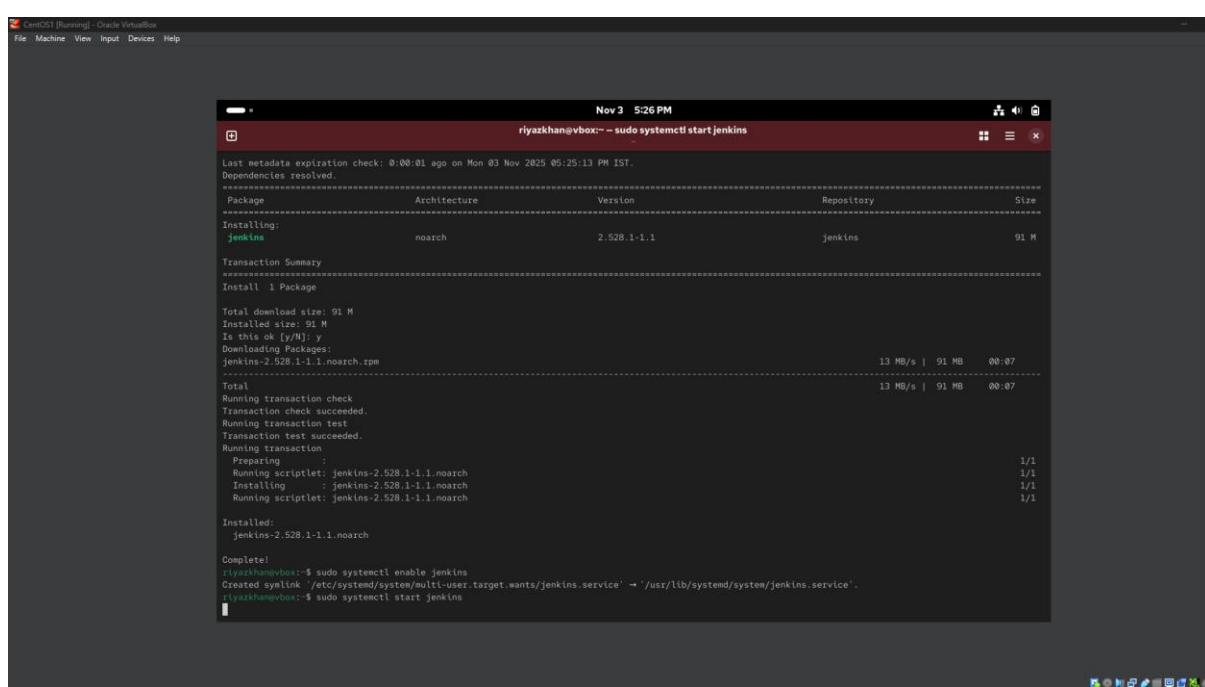
2025-11-03 17:25:11 (342 KB/s) - '/etc/yum.repos.d/jenkins.repo' saved [85/85]

Jenkins-stable
Dependencies resolved.
Nothing to do.
Complete!
Last metadata expiration check: 0:00:01 ago on Mon 03 Nov 2025 05:25:13 PM IST.
Package fontconfig-2.15.0-7.el10.x86_64 is already installed.
Package java-21-openjdk-1:21.0.8.0-9.el10.x86_64 is already installed.
Dependencies resolved.
Nothing to do.
Complete!
Last metadata expiration check: 0:00:01 ago on Mon 03 Nov 2025 05:25:13 PM IST.
Dependencies resolved.

=====
Package           Architecture      Version       Repository      Size
=====
Installing:
jenkins          noarch          2.528.1-1.1   jenkins        91 M

Transaction Summary
=====
Install 1 Package

Total download size: 91 M
Installed size: 91 M
Is this ok [y/N]: y
Downloading Packages:
jenkins-2.528.1-1.1.noarch.rpm    | 19% [=====]      3.4 MB/s | 18 MB   00:21 ETA
[...]
```



```
CentOS [Running] : Oracle VirtualBox
File Machine View Input Devices Help

Nov 3 5:26 PM
riyazkhan@vbox:~$ sudo systemctl start jenkins
Last metadata expiration check: 0:00:01 ago on Mon 03 Nov 2025 05:25:13 PM IST.
Dependencies resolved.

=====
Package           Architecture      Version       Repository      Size
=====
Installing:
jenkins          noarch          2.528.1-1.1   jenkins        91 M

Transaction Summary
=====
Install 1 Package

Total download size: 91 M
Installed size: 91 M
Is this ok [y/N]: y
Downloading Packages:
jenkins-2.528.1-1.1.noarch.rpm    | 13 MB/s | 91 MB   00:07
[...]
Total
Running transaction check
Transaction check succeeded.
Running transaction test
Transaction test succeeded.
Running transaction
  Preparing :
  Running scriptlet: jenkins-2.528.1-1.1.noarch
  Installing  : jenkins-2.528.1-1.1.noarch
  Running scriptlet: jenkins-2.528.1-1.1.noarch
  1/1
  1/1
  1/1
  1/1

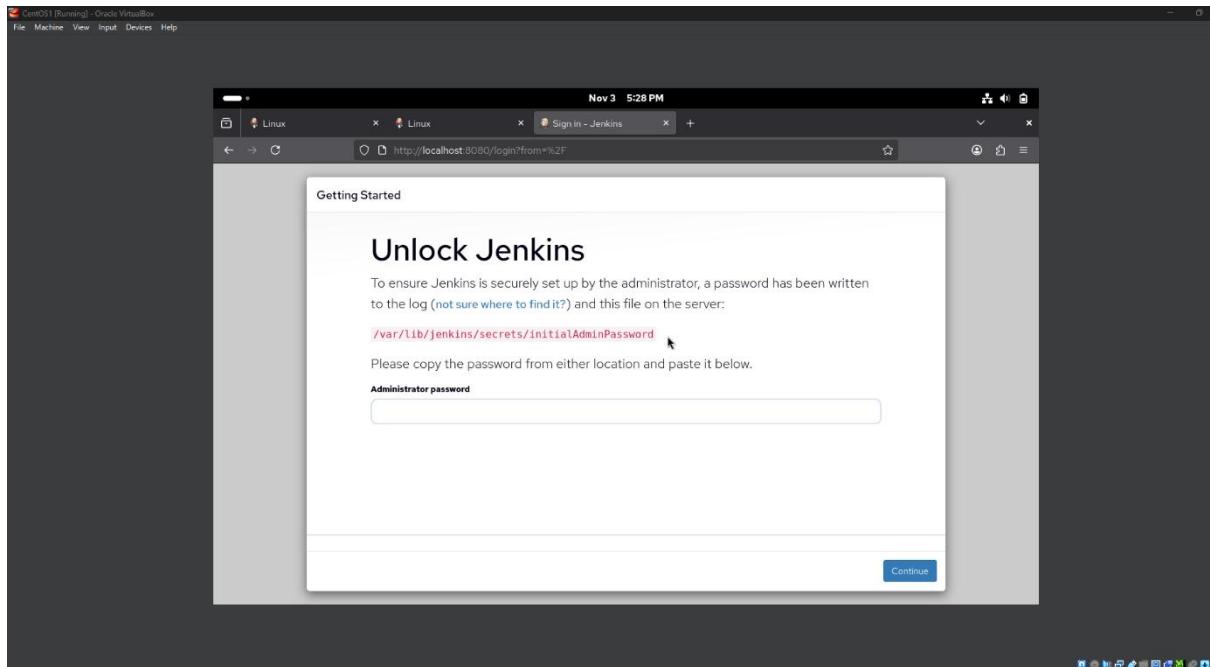
Installed:
jenkins-2.528.1-1.1.noarch

Complete!
riyazkhan@vbox:~$ sudo systemctl enable jenkins
Created symlink /etc/systemd/system/multi-user.target.wants/jenkins.service → '/usr/lib/systemd/system/jenkins.service'.
riyazkhan@vbox:~$ sudo systemctl start jenkins
[...]
```

```
CentOS [Running] - Oracle VirtualBox
File Machine View Input Devices Help

Nov 3 5:27 PM
riyazkhan@vbox:~$ sudo systemctl status jenkins
          Transaction test succeeded.
          Running transaction
            Preparing : 1/1
            Running scriptlet: jenkins-2.528.1-1.i.noarch
            Installing : jenkins-2.528.1-1.i.noarch
            Running scriptlet: jenkins-2.528.1-1.i.noarch
          Installed:
            jenkins-2.528.1-1.i.noarch
          Complete!
riyazkhan@vbox:~$ sudo systemctl enable jenkins
Created symlink '/etc/systemd/system/multi-user.target.wants/jenkins.service' → '/usr/lib/systemd/system/jenkins.service'.
riyazkhan@vbox:~$ sudo systemctl start jenkins
riyazkhan@vbox:~$ 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 Mon, 03 Nov 2025-11-03 17:27:04 IST; 14s ago
     Invocation: 10206ed55eb4757867270e8581ac48f
      Main PID: 11114 (java)
        Tasks: 56 (limit: 51531)
       Memory: 668.5M (peak: 673.6M)
         CPU: 17.067s
        Group: /system.slice/jenkins.service
           └─11114 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080

Nov 03 17:26:59 vbox jenkins[11114]: [F] This may also be found at: /var/lib/jenkins/secrets/initialAdminPassword
Nov 03 17:26:59 vbox jenkins[11114]: [F]
Nov 03 17:26:59 vbox jenkins[11114]: [F] ****
Nov 03 17:27:04 vbox jenkins[11114]: 2025-11-03 11:57:04.021+0000 [id=46] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
Nov 03 17:27:04 vbox jenkins[11114]: 2025-11-03 11:57:04.062+0000 [id=38] INFO hudson.lifecycle.Lifecycle$OnReady: Jenkins is fully up and running
Nov 03 17:27:04 vbox systemd[1]: Started jenkins.service - Jenkins Continuous Integration Server.
Nov 03 17:27:06 vbox jenkins[11114]: 2025-11-03 11:57:06.226+0000 [id=77] INFO h.m.DownloadService$Downloadable#load: Obtained the updated data.
Nov 03 17:27:06 vbox jenkins[11114]: 2025-11-03 11:57:06.228+0000 [id=77] INFO hudson.util.Retriger#start: Performed the action check updates
lines 1-21/21 (END)
```



```
CentOS [Running] - Oracle VirtualBox
File Machine View Input Devices Help

Nov 3 5:30 PM riyazkhan@vbox:~ - 

CPU: 17.067s
CGroup: /system.slice/jenkins.service
└─[1114] /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenkins/war --httpPort=8080

Nov 03 17:26:59 vbox jenkins[1114]: [LE] This may also be found at: /var/lib/jenkins/secrets/initialAdminPassword
Nov 03 17:26:59 vbox jenkins[1114]: [LE] ****
Nov 03 17:27:04 vbox jenkins[1114]: 2025-11-03 11:57:04.021+0000 [id=46] INFO jenkins.InitReactorRunner$1#onAttained: Completed initialization
Nov 03 17:27:04 vbox jenkins[1114]: 2025-11-03 11:57:04.062+0000 [id=38] INFO hudson.lifecycle.Lifecycle#onReady: Jenkins is fully up and running
Nov 03 17:27:04 vbox systemd[1]: Started jenkins.service - Jenkins Continuous Integration Server.
Nov 03 17:27:06 vbox jenkins[1114]: 2025-11-03 11:57:06.226+0000 [id=77] INFO h.m.DownloadService$Downloadable#load: Obtained the updated data
Nov 03 17:27:06 vbox jenkins[1114]: 2025-11-03 11:57:06.226+0000 [id=77] INFO hudson.util.Retriger#start: Performed the action check updates

riyazkhan@vbox: $ ifconfig
enp0s3: flags=4163<UP,BROADCAST,RUNNING,MULTICAST> mtu 1500
inet 10.0.2.15 netmask 255.255.255.0 broadcast 10.0.2.255
inet6 fe80::1027ff:fe7f:731d prefixlen 64 scoprid 0x20<link>
inet6 fe01:625c:f037:2:a00:27ff:fe7f:731d prefixlen 64 scoprid 0x0<global>
ether 00:00:27:7f:73:1d txqueuelen 1000 (Ethernet)
RX packets 173183 bytes 226698832 (216.1 MiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 31735 bytes 5779805 (5.5 MiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

lo: flags=73<UP,LOOPBACK,RUNNING> mtu 65536
inet 127.0.0.1 netmask 255.0.0.0
inet6 ::1 prefixlen 128 scoprid 0x10<host>
loop txqueuelen 1000 (Local Loopback)
RX packets 218 bytes 426433 (416.4 KiB)
RX errors 0 dropped 0 overruns 0 frame 0
TX packets 218 bytes 426433 (416.4 KiB)
TX errors 0 dropped 0 overruns 0 carrier 0 collisions 0

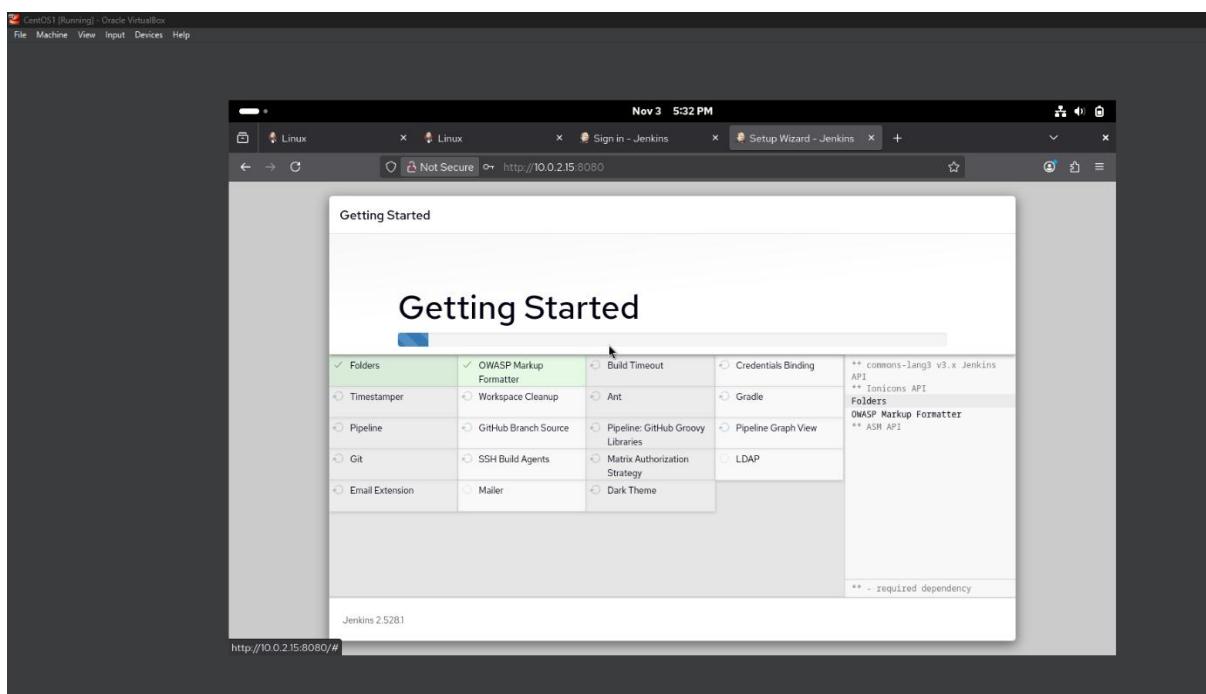
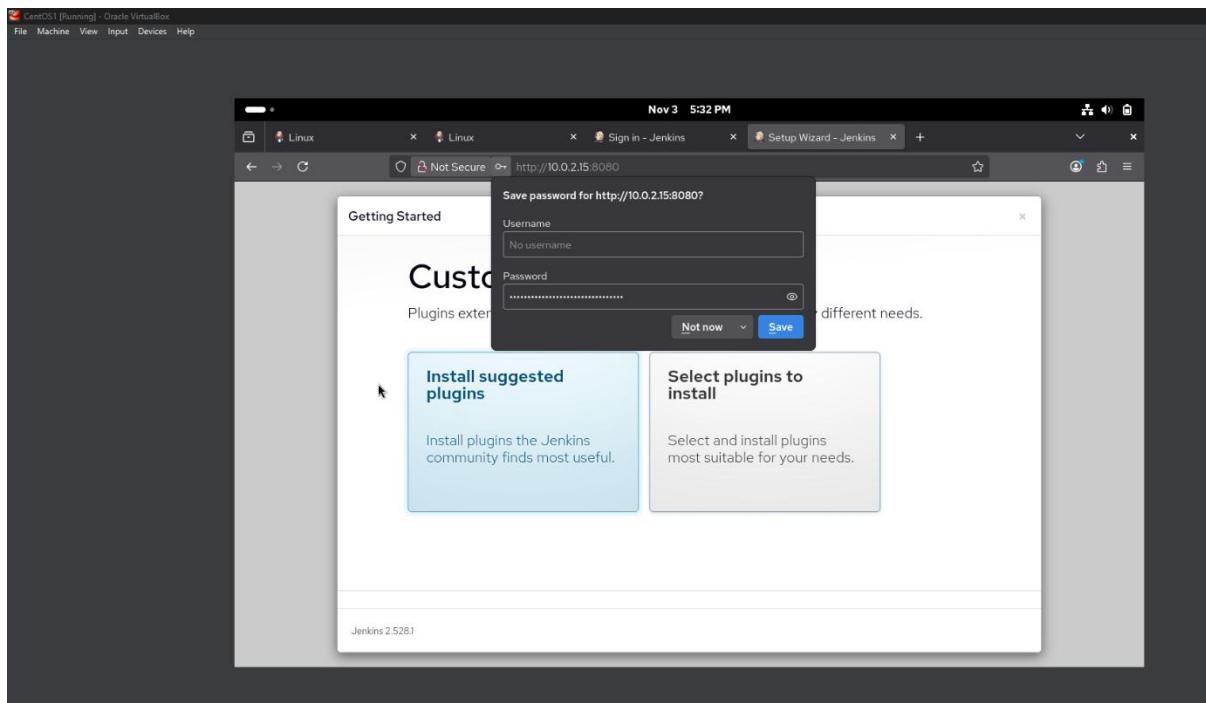
riyazkhan@vbox: $ 
riyazkhan@vbox: $ 
```

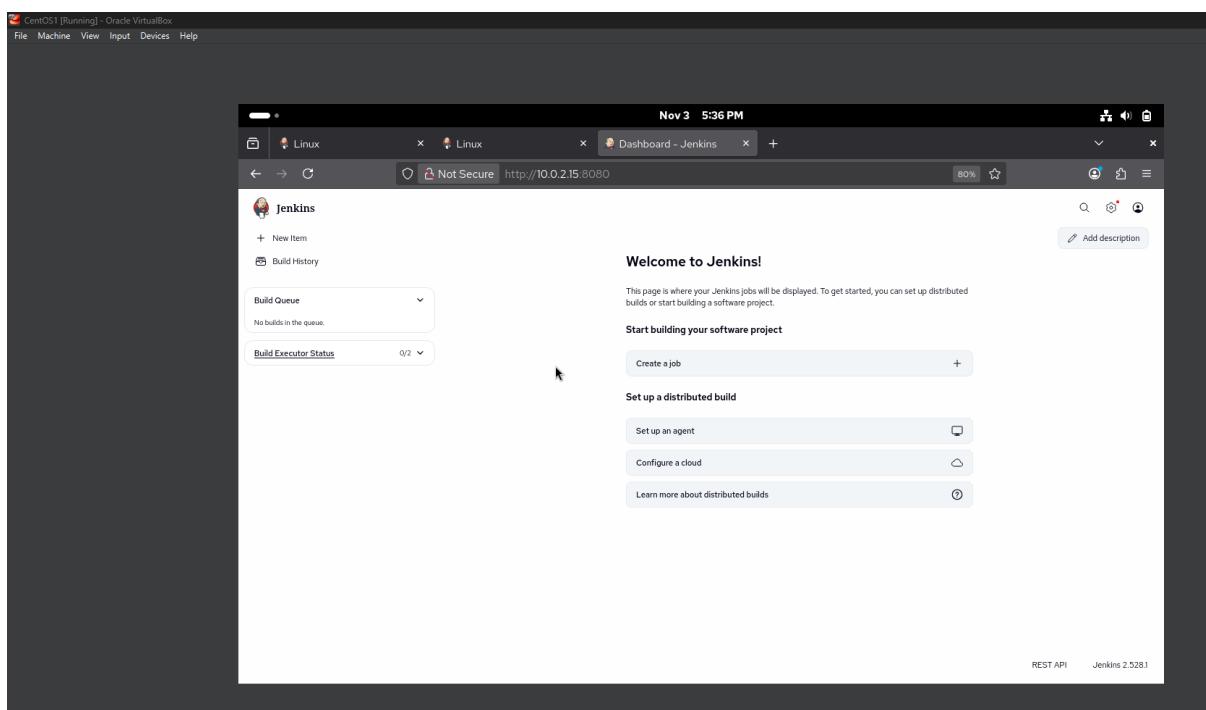
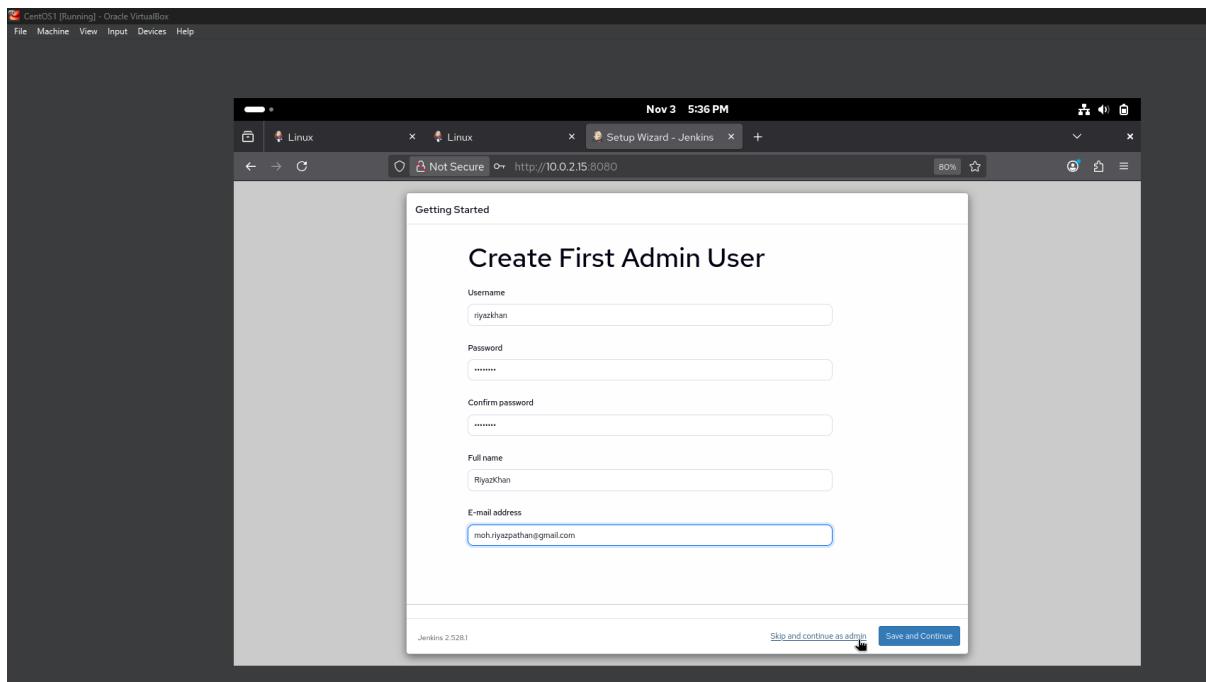
CentOS [Running] - Oracle VirtualBox

File Machine View Input Devices Help

Nov 3 5:31 PM  
riyazkhan@vbox:~

```
riyazkhan@vbox: $ cat /var/lib/jenkins/secrets/initialAdminPassword
cat: /var/lib/jenkins/secrets/initialAdminPassword: Permission denied
riyazkhan@vbox: $ sudo cat /var/lib/jenkins/secrets/initialAdminPassword
b8c79291471d481c98a5c78c5812aaef0
riyazkhan@vbox: $
```





# Virtual Machine to Host Machine

