

## JENKINS install on ubuntu linux

version 0.1-23022025

USER NAME : administrate

password: \*\*\*\*\*

Steps	Actions	Remarks
Step 1	Go to the Terminal	
Step 2	Check the java version.  <code>java --version</code>	
Step 3	Run the command  <code>sudo wget -O /usr/share/keyrings/jenkins-keyring.asc https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key</code>	
Step 4	Install the packages <code>echo "deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] https://pkg.jenkins.io/debian-stable binary/   sudo tee /etc/apt/sources.list.d/jenkins.list &gt; /dev/null</code>	
Step 5	Get Update. <code>sudo apt-get update</code>	
Step 6	Install the JDK package <code>sudo apt-get install fontconfig openjdk-17-jre</code>	
Step 7	Install Jenkins. <ul style="list-style-type: none"><li><code>sudo apt-get install jenkins</code></li></ul>	
Step 8	Run the container to login Browser. <ul style="list-style-type: none"><li><code>sudo systemctl status jenkins</code></li></ul>	<pre> aijuser@dhruv:~\$ sudo systemctl status jenkins [sudo] password for aijuser: ● jenkins.service - Jenkins Continuous Integration Server    Loaded: loaded (/lib/systemd/system/jenkins.service; vendor preset: enabled)    Active: active (running) since Tue 2025-02-18 14:18:29 IST; 24min ago      Main PID: 2135721 (java)        Tasks: 67 (limit: 18896)       Memory: 857.1M    CGroup: /system.slice/jenkins.service            └─2135721 /usr/bin/java -Djava.awt.headless=true -jar /usr/share/java/jenkins.war --webroot=/var/cache/jenki&gt;  Feb 18 14:25:19 dhruv jenkins[2135721]: 2025-02-18 08:55:19.299+0000 [id=308] INFO jenkins.InitReactorRunne&gt; Feb 18 14:25:19 dhruv jenkins[2135721]: 2025-02-18 08:55:19.300+0000 [id=314] INFO jenkins.InitReactorRunne&gt; Feb 18 14:25:19 dhruv jenkins[2135721]: 2025-02-18 08:55:19.309+0000 [id=323] INFO jenkins.InitReactorRunne&gt; Feb 18 14:25:19 dhruv jenkins[2135721]: 2025-02-18 08:55:19.311+0000 [id=327] INFO </pre>

		jenkins.InitReactorRunne> Feb 18 14:25:19 dhruv jenkins[2135721]: 2025-02-18 08:55:19.311+0000 [id=300] INFO jenkins.InitReactorRunne> Feb 18 14:25:19 dhruv jenkins[2135721]: 2025-02-18 08:55:19.311+0000 [id=319] INFO jenkins.InitReactorRunne> Feb 18 14:25:19 dhruv jenkins[2135721]: 2025-02-18 08:55:19.350+0000 [id=299] INFO jenkins.InitReactorRunne> Feb 18 14:25:19 dhruv jenkins[2135721]: 2025-02-18 08:55:19.351+0000 [id=314] INFO jenkins.InitReactorRunne> Feb 18 14:25:19 dhruv jenkins[2135721]: 2025-02-18 08:55:19.492+0000 [id=316] INFO jenkins.InitReactorRunne> Feb 18 14:25:19 dhruv jenkins[2135721]: 2025-02-18 08:55:19.493+0000 [id=135] INFO h.m.UpdateCenter\$Comple> lines 1-19/19 (END)
Step 9	Go to browser search  • <a href="http://localhost:8080/">http://localhost:8080/</a>	
Step 10	You need an administrated password.	
Step 11	Click install Suggested plugin. Your packages as be installing wait a minute.	
Step 12	Click Continue button	
Step 13	Create a First Admin user. Fill the username, passwords,Full name, and Gmail.	
Step 14	Click save and continue button.	
Step 15	You will see a instance configuration Jenkins URL : <a href="http://localhost:8080/">http://localhost:8080/</a>	
Step 16	Click the button save and finish.	
Step 17	You will see a Jenkins is ready  Click Using Jenkins. Now you will be here Jenkins Dashboard	

sudo systemctl enable jenkins