Jenkins Installation On Linux

Last updated by | Shakibe Hasan | Jun 22, 2023 at 4:38 PM GMT+6

To install Jenkins on Linux, we can follow these general steps:

- **Updating System Packages:**

```
{sudo apt update
sudo apt upgrade}
```

- **Installing Java Development Kit (JDK):** Jenkins requires Java to run. Install the JDK on your Linux system. Jenkins typically works well with OpenJDK.
  ```
  {sudo apt install openjdk-11-jdk}
  ```

- **Adding Jenkins Repository:** Jenkins provides official repositories for various Linux distributions. Add the Jenkins repository to your system to simplify the installation and ensure you get the latest version.

```
1. LTS {curl -fsSL https://pkg.jenkins.io/debian-stable/jenkins.io-2023.key | sudo tee \
   /usr/share/keyrings/jenkins-keyring.asc > /dev/null
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 > /dev/null}
1.  Weekly release {curl -fsSL https://pkg.jenkins.io/debian/jenkins.io-2023.key | sudo tee \
   /usr/share/keyrings/jenkins-keyring.asc > /dev/null
echo deb [signed-by=/usr/share/keyrings/jenkins-keyring.asc] \
   https://pkg.jenkins.io/debian binary/ | sudo tee \
   /etc/apt/sources.list.d/jenkins.list > /dev/null}
```

- **Installing Jenkins:** Once the repository is added, we can install Jenkins using the package manager:

```
{sudo apt update
sudo apt install jenkins}
```

Ref: https://www.jenkins.io/doc/book/installing/linux/