⭐ Jenkins Installation on Amazon Linux 2023 (Super Simple Steps)

☑ 1. Connect to your EC2 instance

From Git Bash:

```
ssh -i yourkey.pem ec2-user@YOUR_PUBLIC_IP
```

☑ 2. Install Java 17

(Jenkins requires Java, and AL2023 supports Java 17)

```
sudo dnf install -y java-17-amazon-corretto
java -version
```

Make sure it prints a Java version.

☑ 3. Download Jenkins repo file

```
sudo wget -O /etc/yum.repos.d/jenkins.repo
https://pkg.jenkins.io/redhat-stable/jenkins.repo
```

☑ 4. Download the Jenkins GPG key

```
sudo wget -O /etc/pki/rpm-gpg/RPM-GPG-KEY-jenkins
https://pkg.jenkins.io/redhat-stable/jenkins.io.key
```

Set correct permission:

```
sudo chmod 644 /etc/pki/rpm-gpg/RPM-GPG-KEY-jenkins
```

Import the key:

```
sudo rpm --import /etc/pki/rpm-gpg/RPM-GPG-KEY-jenkins
```

☑ 5. Update and install Jenkins

```
sudo dnf update -y
sudo dnf install -y jenkins
```

☑ 6. Start Jenkins

```
sudo systemctl enable --now jenkins
sudo systemctl status jenkins
```

Take your screenshot here 📸

You should see **active (running)**.

☑ 7. Get Jenkins initial password

```
sudo cat /var/lib/jenkins/secrets/initialAdminPassword
```

Copy this password.

☑ 8. Open Jenkins in your browser

Go to:

http://YOUR_EC2_PUBLIC_IP:8080

Paste the password → Install suggested plugins → Create admin user → Done.