1. Install Java (Required for Nexus)

Nexus requires Java 8 or Java 11 (depending on the version). Install OpenJDK:

sudo apt update

sudo apt install openjdk-11-jdk -y

Verify Java installation:

java -version

2. Create a Nexus User (For Security)

Run Nexus as a separate user for security:

sudo useradd -M -d /opt/nexus -s /bin/bash -r nexus

3. Download and Extract Nexus

Go to the Sonatype official website to get the latest version URL.

Then, download and extract it:

cd /opt

sudo wget https://download.sonatype.com/nexus/3/latest-unix.tar.gz

sudo tar -xvf latest-unix.tar.gz

sudo mv nexus-3\* nexus

sudo mv sonatype-work /opt/nexus-data

sudo chown -R nexus:nexus /opt/nexus /opt/nexus-data

4. Configure Nexus to Run as a Service

Edit the Nexus configuration file to set the user:

sudo nano /opt/nexus/bin/nexus.rc

Add this line:

run\_as\_user="nexus"

Save and exit.

Then, create a systemd service file:

sudo nano /etc/systemd/system/nexus.service

Add the following content:

[Unit]

Description=Nexus Repository Manager

After=network.target

[Service]

Type=forking

LimitNOFILE=65536

User=nexus

Group=nexus

ExecStart=/opt/nexus/bin/nexus start

ExecStop=/opt/nexus/bin/nexus stop

User=nexus

Restart=on-abort

[Install]

WantedBy=multi-user.target

Save and exit.

5. Start and Enable Nexus Service

Run the following commands:

sudo systemctl daemon-reload

sudo systemctl enable nexus

sudo systemctl start nexus

Check the status:

sudo systemctl status nexus

6. Access Nexus Web UI

Nexus runs on port 8081 by default. Open your browser and visit:

http://your-server-ip:8081

To get the admin password:

sudo cat /opt/nexus-data/admin.password

Log in with:

Username: admin

Password: (Copy from the file above)