

Tomcat

sie 7, 2025

How can I remove tomcat 9 installation from my ubuntu

1. Remove tomcat

To remove system and config files from Ubuntu.

```
sudo apt-get update
```

```
sudo apt-get upgrade
```

```
sudo apt remove --purge tomcat9 tomcat9-docs
```

```
sudo apt autoremove
```

```
sudo apt autoclean
```

Locate and remove manually the remaining files if there are some

```
sudo apt install locate && sudo updatedb
```

```
locate tomcat
```

[Read more](#)

How to Install Tomcat 9 on Ubuntu 22.04

First, install OpenJDK 11.

Create a new system user and group with a home directory of /opt/tomcat to run the Tomcat service. Enter the following command:

```
sudo useradd -m -U -d /opt/tomcat -s /bin/false tomcat
```

Check the [Tomcat download page](#) to see if a newer version is available.

After that, use wget to download the Tomcat zip file to the /tmp directory:

```
VERSION=9.0.108
```

```
wget https://downloads.apache.org/tomcat/tomcat-9/v${VERSION}/bin/apache-tomcat-${VERSION}.tar.gz
```

After downloading, extract the tar file to /opt/tomcat directory.

```
sudo tar -xf /tmp/apache-tomcat-${VERSION}.tar.gz -C /opt/tomcat/
```

Tomcat is typically updated regularly for security and to introduce new features. For more control, create a symbolic link called "latest" that points to the Tomcat installation directory.

```
sudo ln -s /opt/tomcat/apache-tomcat-${VERSION} /opt/tomcat/latest
```

Unpack the latest version, then update the symlink to point to it. Additionally, change the directory ownership to the user and group tomcat using:

```
sudo chown -R tomcat: /opt/tomcat
```

After that, the shell scripts in Tomcat's bin directory need to be made executable.

```
sudo sh -c 'chmod +x /opt/tomcat/latest/bin/*.sh'
```

Open the text editor and create a tomcat.service unit file in the /etc/systemd/system/ directory.

```
sudo nano /etc/systemd/system/tomcat.service
```

2) After that, paste the following configuration in /etc/systemd/system/tomcat.service:

```
/etc/systemd/system/tomcat.service
[Unit]
Description=Tomcat 9 servlet container
After=network.target
[Service]
Type=forking
User=tomcat
Group=tomcat
Environment="JAVA_HOME=/usr/lib/jvm/java-11-openjdk-amd64"
Environment="JAVA_OPTS=-Djava.security.egd=file:///dev/urandom -Djava.awt.headless=true"
Environment="CATALINA_BASE=/opt/tomcat/latest"
Environment="CATALINA_HOME=/opt/tomcat/latest"
Environment="CATALINA_PID=/opt/tomcat/latest/temp/tomcat.pid"
Environment="CATALINA_OPTS=-Xms512M -Xmx1024M -server -XX:+UseParallelGC"
ExecStart=/opt/tomcat/latest/bin/startup.sh
ExecStop=/opt/tomcat/latest/bin/shutdown.sh
[Install]
WantedBy=multi-user.target
```

Then, save and close the file. Notify systemd that a new file exists.

```
sudo systemctl daemon-reload
```

4) Once done, enable the Tomcat service and start it.

```
sudo systemctl enable --now tomcat
```

5) You will need to check the service status.

```
sudo systemctl status tomcat
```

Configure the Firewall

If you wish to access Tomcat from outside the local network, you must open port 8080. To do so, use the following command:

```
sudo ufw allow 8080/tcp
```

[Read more](#)