

How to set-up a Tomcat application server by using ansible

Play book:

Tomcat set-up ansible playbook:

- hosts: DEV

connection: ssh

tasks:

- name: Installing java

yum: name=java-1.8.0-openjdk state=present

- name: Downloading file

get_url:

url: <https://dlcdn.apache.org/tomcat/tomcat-9/v9.0.96/bin/apache-tomcat-9.0.96.tar.gz>

dest: "/root"

- name: untar

command: tar -zxvf apache-tomcat-9.0.96.tar.gz

- name: allow permission

copy:

src: "context.xml"

dest: "/root/apache-tomcat-9.0.96/webapps/manager/META-INF/context.xml"

- name: set credentials

copy:

src: "tomcat-users.xml"

dest: "/root/apache-tomcat-9.0.96/conf/tomcat-users.xml"

- name: starting

shell: nohup /root/apache-tomcat-9.0.96/bin/startup.sh

```
---
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  connection: ssh

  tasks:
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    - name: Downloading file
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      command: tar -zxvf apache-tomcat-9.0.96.tar.gz

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        dest: "/root/apache-tomcat-9.0.96/webapps/manager/META-INF/context.xml"

    - name: set credentials
      copy:
        src: "tomcat-users.xml"
        dest: "/root/apache-tomcat-9.0.96/conf/tomcat-users.xml"

    - name: starting
      shell: nohup /root/apache-tomcat-9.0.96/bin/startup.sh
```

```
[root@ip-172-31-45-26 ~]# ansible-playbook tomcat.yml

PLAY [DEV] *****

TASK [Gathering Facts] *****
[WARNING]: Platform linux on host 172.31.37.77 is using the discovered Python interpreter at /usr/bin/python, but future
installation of another Python interpreter could change this. See
https://docs.ansible.com/ansible/2.9/reference_appendices/interpreter_discovery.html for more information.
ok: [172.31.37.77]

TASK [Installing java] *****
ok: [172.31.37.77]

TASK [Downloading file] *****
ok: [172.31.37.77]

TASK [untar] *****
[WARNING]: Consider using the unarchive module rather than running 'tar'. If you need to use command because unarchive is
insufficient you can add 'warn: false' to this command task or set 'command_warnings=False' in ansible.cfg to get rid of this
message.
changed: [172.31.37.77]

TASK [allow permission] *****
changed: [172.31.37.77]

TASK [set credentials] *****
changed: [172.31.37.77]


TASK [starting] *****
changed: [172.31.37.77]

PLAY RECAP *****
172.31.37.77 : ok=7  changed=4  unreachable=0  failed=0  skipped=0  rescued=0  ignored=0
```


← → ↻ ⚠ Not secure 18.234.25.214:8080 ☆ 📄 🗑 📧 📄 ⋮

Home Documentation Configuration Examples Wiki Mailing Lists Find Help

Apache Tomcat/9.0.96

 SOFTWARE FOUNDATION
http://www.apache.org/

If you're seeing this, you've successfully installed Tomcat. Congratulations!



Recommended Reading:

- [Security Considerations How-To](#)
- [Manager Application How-To](#)
- [Clustering/Session Replication How-To](#)

Server Status

Manager App

Host Manager

Developer Quick Start

[Tomcat Setup](#)
[First Web Application](#)

[Realms & AAA](#)
[JDBC DataSources](#)

[Examples](#)

[Servlet Specifications](#)
[Tomcat Versions](#)

Managing Tomcat

For security, access to the [manager webapp](#) is restricted. Users are defined in:

```
$CATALINA_HOME/conf/tomcat-users.xml
```

In Tomcat 9.0 access to the manager application is split between different users.
[Read more...](#)

Release Notes

Documentation

[Tomcat 9.0 Documentation](#)

[Tomcat 9.0 Configuration](#)

[Tomcat Wiki](#)

Find additional important configuration information in:

```
$CATALINA_HOME/RUNNING.txt
```

Getting Help

FAQ and Mailing Lists

The following mailing lists are available:

[tomcat-announce](#)
Important announcements, releases, security vulnerability notifications. (Low volume).

[tomcat-users](#)
User support and discussion

[taglibs-user](#)

