

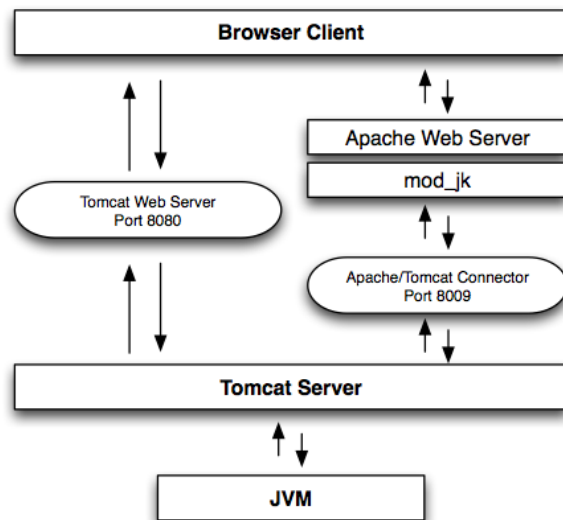
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## Tomcat Installation and configuration on cpanel

Tags: [tomcat](#) Categories: [cPanel](#), [General](#), [WHM](#)

[Apache Tomcat](#) (also known as Tomcat) is an open-source implementation of Java Servlets and JavaServer pages. Tomcat uses a self-contained HTTP server to provide support for Java web applications.



## How to install Tomcat on cpanel

Use this Tomcat installation and configuration on cpanel. Click the checkbox for Tomcat at the Short Options List stage of EasyApache within [WHM](#).

To install Tomcat, select the Tomcat option in **WHM's EasyApache** (Apache Update) or using **"/scripts/easyapache"** (without the quotes) in command line. The Tomcat selection is found in Short Options List area.

Once installation completed. You can enable for account via **WHM-> Account Functions->Install Servlets**. Select the account in the Account Selection table and click the Install button.

or

```
/scripts/addservlets -domain=domain.com
```

To disable

```
/scripts/remservelets -domain=domain.com
```

### Subdomain servlet support

You would need to use command line for adding subdomain support for servlets as they do not automatically include that support and WHM does not have any option to add servlets to subdomains.

### Addon domain servlet support

Addon domains will not work when added using command line if added by the addon domain name. The `/usr/local/apache/conf/httpd.conf` `ServerName sub.domain.com` line is what is used and it must match the `Host name="sub.domain.com"` line in `/usr/local/jakarta/conf/server.xml` file exactly, so addon domain support is added by installing servlets onto the subdomain associated with the addon domain:

Code:

```
/usr/local/cpanel/scripts/addservlets2 --domain=sub.domain.com
```

Manually check the setting for the domain. Open up the Apache conf `/usr/local/apache/conf/httpd.conf`

make sure tomcat module load

```
LoadModule jk_module /usr/local/apache/modules/mod_jk.so
Include "/usr/local/apache/conf/jk.conf"
```

check if the directive given below in the virtual host entry of domain, if not add it.

```
Include "/usr/local/apache/conf/userdata/std/2/username/domainname/*.conf"
```

Now navigate to the directory

```
cd /usr/local/apache/conf/userdata/std/2/  
check whether the folder named username(replace username with appropriate username) exist if not, create it.  
mkdir username  
cd username  
cd domainname
```

If the directory “domainname” is not present, create it

Check for the file **cp\_jkmount.conf** here, if it is not present, create it with the following contents

```
<IfModule mod_jk.c>  
JkMount /*.jsp ajp13  
JkMount /servlet/* ajp13  
JkMount /servlets/* ajp13  
JkMount /*.do ajp13  
</IfModule>
```

Verify the file **/usr/local/jakarta/tomcat/conf/server.xml** Add the entry for host **www.domainname.com**

```
<Host name="domainname" appBase="/home/username/public_html">  
  <Alias>www.domainname</Alias>  
  <Context path="" reloadable="true"  
    docBase="/home/username/public_html" debug="1"/>  
  <Context path="/manager" debug="0" privileged="true"  
    docBase="/usr/local/jakarta/tomcat/server/webapps/manager">  
  </Context>  
</Host>
```

Restart the services

```
Start      /usr/sbin/stoptomcat  
Stop       /usr/sbin/starttomcat  
Restart    /usr/sbin/restartsrv_tomcat  
  
service httpd restart
```

## Tomcat application manager

The username and password for accessing Tomcat manager is stored in **/usr/local/jakarta/tomcat/conf/tomcat-users.xml** file such as the following:

**http://server.domain.com:8080/manager/html**

Sample JSP file code.

```
<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN">
<HTML>
<HEAD><TITLE>JSP Test</TITLE></HEAD>
<BODY BGCOLOR="#FDF5E6">
<H1>JSP Test</H1>
Time: <%= new java.util.Date() %>
</BODY>
</HTML>
```

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