

# Tomcat安装并实现虚拟主机

## 一、安装

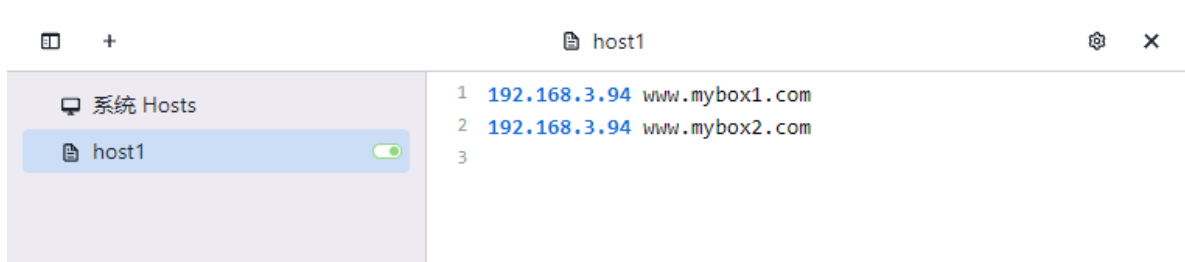
1. 下载java17

2. 下载tomcat

## 二、配置虚拟主机

### 1. 配置windows hosts解析

```
1 192.168.3.94 www.mybox1.com
2 192.168.3.120 www.mybox2.com
```



### 2. 修改配置文件

```
1 cd /usr/local/tomcat/conf
2 vim server.xml
3 <Host name="www.mybox1.com" appBase="webapps"
4     unpackWARs="true" autoDeploy="true">
5     <Context path="" docBase="/web/mybox1" />
6 </Host>
7 <Host name="www.mybox2.com" appBase="/data/webapps"
8     unpackWARs="true" autoDeploy="true">
9     <Context path="" docBase="/web/mybox2" />
```

```

    /docs/config/cluster.html (reference documentation) -->
<!--
<Cluster className="org.apache.catalina.ha.tcp.SimpleTcpCluster"/>
-->

<!-- Use the LockOutRealm to prevent attempts to guess user passwords
via a brute-force attack -->
<Realm className="org.apache.catalina.realm.LockOutRealm">
  <!-- This Realm uses the UserDatabase configured in the global JNDI
resources under the key "UserDatabase". Any edits
that are performed against this UserDatabase are immediately
available for use by the Realm. -->
  <Realm className="org.apache.catalina.realm.UserDatabaseRealm"
resourceName="UserDatabase"/>
</Realm>

<Host name="www.mybox1.com" appBase="webapps"
unpackWAR="true" autoDeploy="true">
<Context path="" docBase="/web/mybox1" />
</Host>
<Host name="www.mybox2.com" appBase="/data/webapps"
unpackWAR="true" autoDeploy="true">
<Context path="" docBase="/web/mybox2" />

<!-- SingleSignOn valve, share authentication between web applications
Documentation at: /docs/config/valve.html -->
<!--
<Valve className="org.apache.catalina.authenticator.SingleSignOn" />
-->

<!-- Access log processes all example.
Documentation at: /docs/config/valve.html
Note: The pattern used is equivalent to using pattern="common" -->
<Valve className="org.apache.catalina.valves.AccessLogValve" directory="logs"
prefix="localhost_access_log" suffix=".txt"
pattern="%h %l %u %t &quot;%r&quot; %s %b" />

```

-- 插入 --

### 3.创建数据访问目录

```
1 mkdir -pv /web/{mybox1,mybox2}
```

```

[root@superbox conf]# mkdir -pv /web/{mybox1,mybox2}
mkdir: 已创建目录 "/web"
mkdir: 已创建目录 "/web/mybox1"
mkdir: 已创建目录 "/web/mybox2"
[root@superbox conf]#

```

### 4.编辑数据访问页面

```

1 vim /web/mybox1/index.jsp
2 <%@ page language="java" import="java.util.*"
   pageEncoding="UTF-8"%>
3 <html>
4     <head>
5     <title>Box1</title>
6     </head>
7     <body>
8         <% out.println("Welcome to test
   site,http://www.mybox1.com");%>
9     </body>
10 </html>
11 #####
   #####
12 vim /web/mybox2/index.jsp

```

```

13 <%@ page language="java" import="java.util.*"
    pageEncoding="UTF-8"%>
14 <html>
15     <head>
16     <title>JSP xingyun page</title>
17     </head>
18     <body>
19         <% out.println("Welcome to test
    site,http://www.mybox2.com");%>
20     </body>
21 </html>

```

## 5.重启tomcat

```

1 catalina.sh stop
2 catalina.sh start

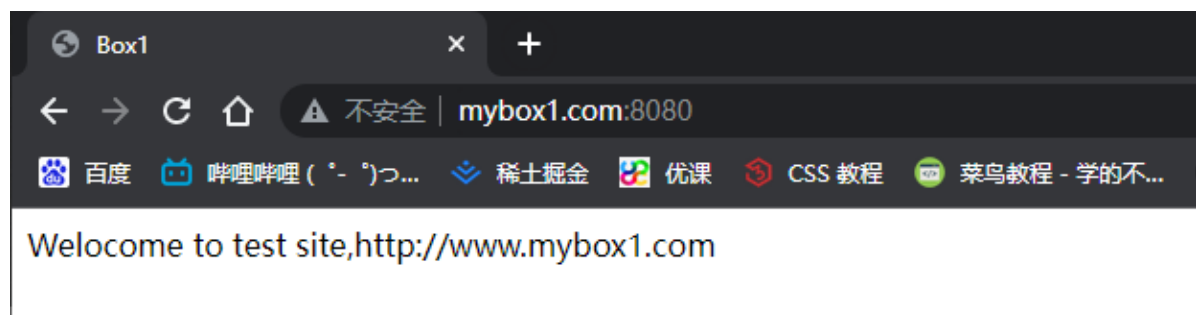
```

## 6.浏览器输入

```

1 http://www.mybox1.com:8080/

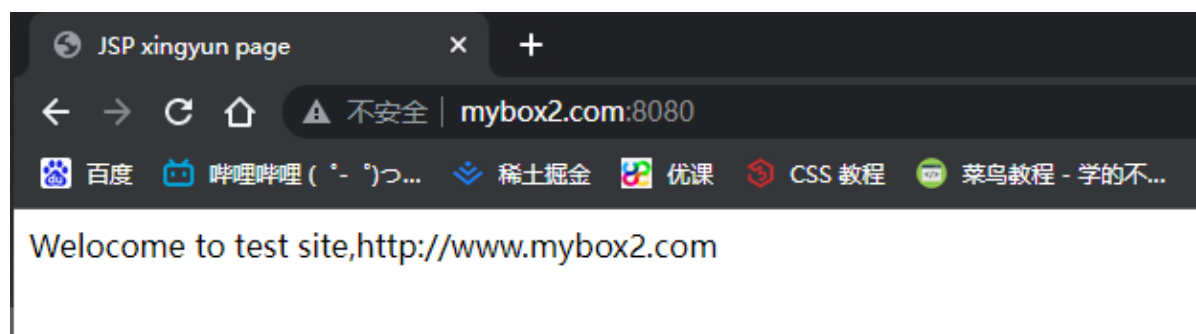
```



```

1 http://www.mybox2.com:8080/

```



Tomcat虚拟主机配置完成。

## 三、安装部署jpress

### 1.先问作者要一个安装包

下载JPress安装包（war包）的看过来，下载流程在这里！

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2019-04-29 12:24

下载JPress安装包（war包）流程：

第1步：微信扫码下方二维码关注公众号



第2步：在公众号里回复关键字：666，获得安装包的百度网盘下载地址。

这是一个广告位)

Don't aim for success if you want it; just do what you love and believe in, and it will come naturally.

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### 2.创建安装目录并将安装包上传到服务器

```
1 mkdir -pv /usr/local/tomcat/webapps/jpress
2 cd /usr/local/tomcat/webapps/jpress
3 yum install -y lrzsz
4 rz
```

```
[root@superbox jpress]# ll
总用量 124840
-rw-r--r--. 1 root root 127835118 9月 15 19:05 jpress-v5.0.2.war
[root@superbox jpress]#
```

## 3.编辑tomcat配置文件

```
1 vim /usr/local/tomcat/conf/server.xml
2     </Host>
3     <Host name="www.mybox3.com"
4         appBase="webapps/jpress"
5         unpackWARs="true" autoDeploy="true">
6         <Context path="" docBase="jpress-v5.0.2" />
7     </Host>
```

```

<!-- Use the LockOutRealm to prevent attempts to guess user passwords
via a brute-force attack -->
<Realm className="org.apache.catalina.realm.LockOutRealm">
  <!-- This Realm uses the UserDatabase configured in the global JNDI
resources under the key "UserDatabase". Any edits
that are performed against this UserDatabase are immediately
available for use by the Realm. -->
  <Realm className="org.apache.catalina.realm.UserDatabaseRealm"
resourceName="UserDatabase"/>
</Realm>

<Host name="www.mybox1.com" appBase="webapps"
unpackWARs="true" autoDeploy="true">
<Context path="" docBase="/web/mybox1" />
</Host>
<Host name="www.mybox2.com" appBase="/data/webapps"
unpackWARs="true" autoDeploy="true">
<Context path="" docBase="/web/mybox2" />
</Host>
<Host name="www.mybox3.com" appBase="webapps/jpress"
unpackWARs="true" autoDeploy="true">
<Context path="" docBase="jpress-v5.0.2" />

<!-- SingleSignOn valve, share authentication between web applications
Documentation at: /docs/config/valve.html -->
<!--
<Valve className="org.apache.catalina.authenticator.SingleSignOn" />
-->

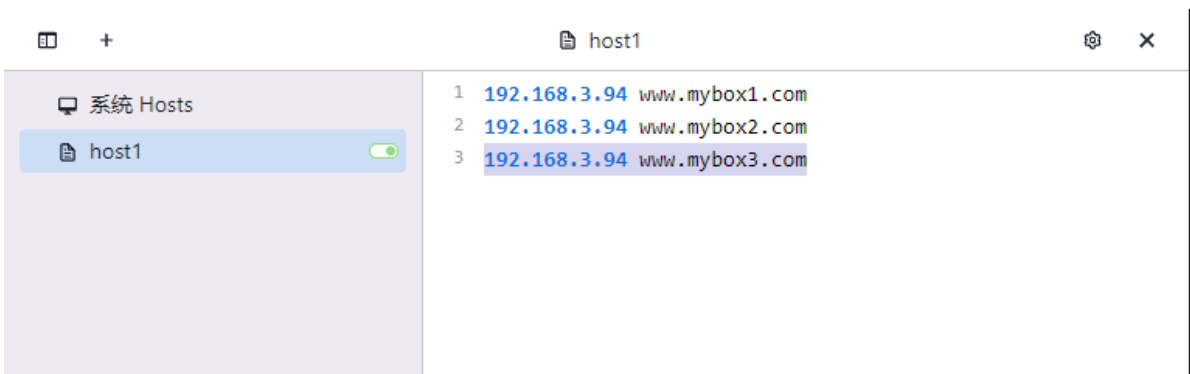
<!-- Access log processes all example.
Documentation at: /docs/config/valve.html
Note: The pattern used is equivalent to using pattern="common" -->
<Valve className="org.apache.catalina.valves.AccessLogValve" directory="logs"
prefix="localhost_access_log" suffix=".txt"
pattern="%h %l %u %t &quot;%r&quot; %s %b" />

-- 插入 --

```

## 4.设置windows本地host

```
1 | 192.168.3.94 www.mybox3.com
```



## 5.重启tomcat

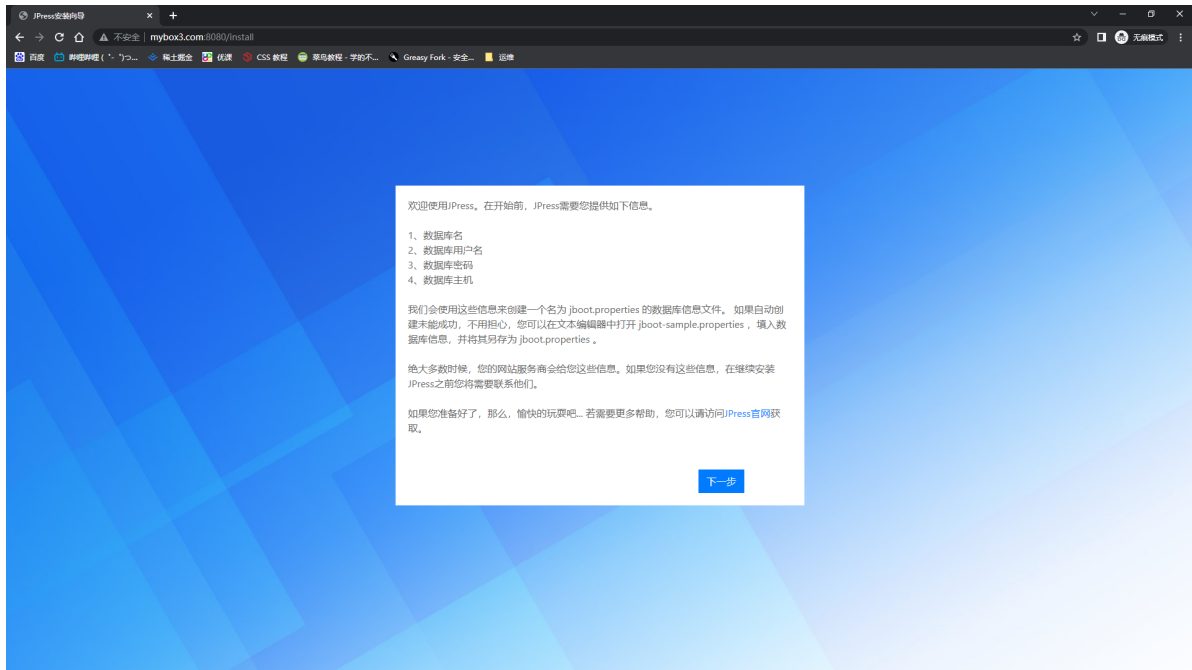
```

1 | catalina.sh stop
2 | catalina.sh start

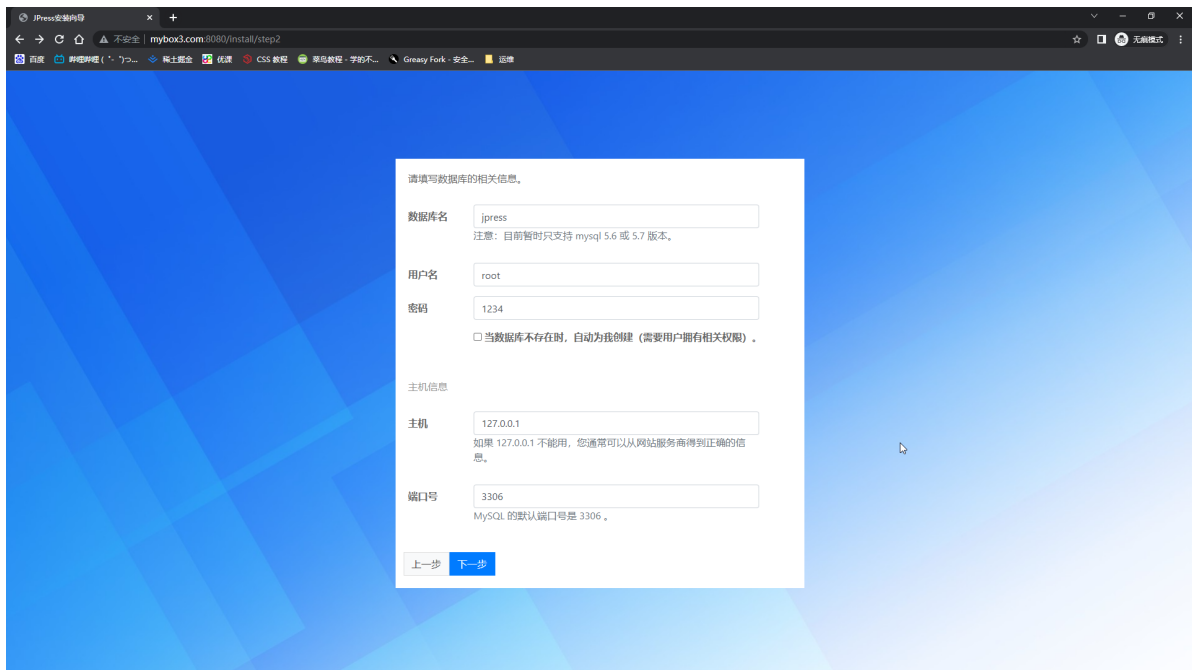
```

## 6.打开网页输入域名:8080

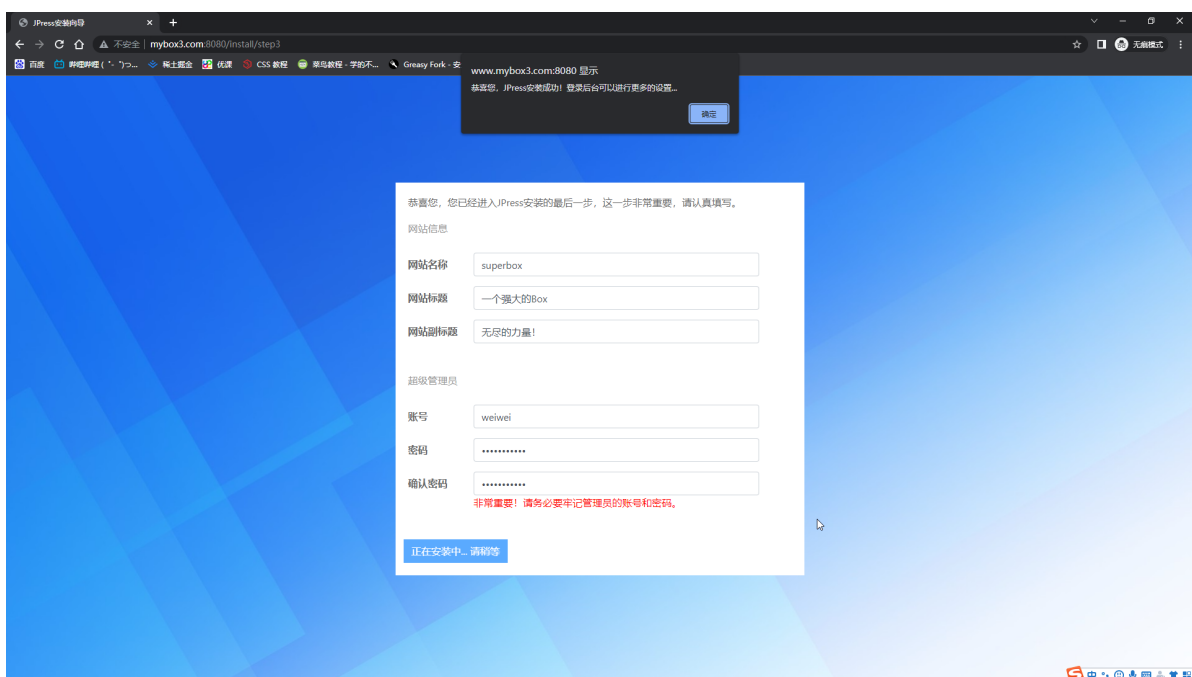
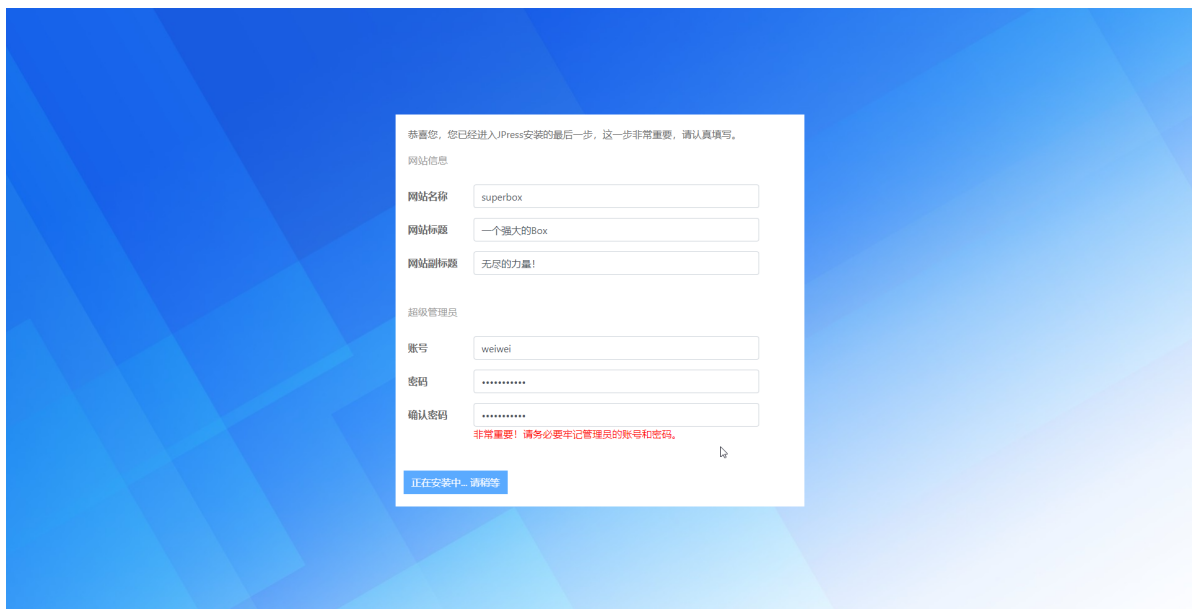
1 | http://www.mybox3.com:8080



## 7.本地数据库信息，如不存在库可自动创建



## 8.输入相关信息即可完成安装



## 9.登录jpress

