

# Error when JBoss starts: address already in use

Asked 6 years, 7 months ago   Modified 2 years, 7 months ago   Viewed 28k times



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I have a problem when I want to start my JBoss server. I'm working on Netbeans and I added my server with `Server > Add Server > JBoss Application Server`.

I configured my server with the port `8181` because the port `8080` is already in use. But when I start it, it fails because it's trying to connect to the port `8080`:

```
10:10:48,071 ERROR [org.jboss.msc.service.fail] (MSC service thread 1-5) MSC00001:
```

```
Failed to start service jboss.web.connector.http: org.jboss.msc.service.StartException in service jboss.web.connector.http: JBAS018007:
```

```
Error starting web connector at
```

```
org.jboss.as.web.WebConnectorService.start(WebConnectorService.java:271) at
```

```
org.jboss.msc.service.ServiceControllerImpl$StartTask.startService(ServiceControllerImpl.java:1811) [jboss-msc-1.0.2.GA.jar:1.0.2.GA] at
```

```
org.jboss.msc.service.ServiceControllerImpl$StartTask.run(ServiceControllerImpl.java:1746)
```

```
[jboss-msc-1.0.2.GA.jar:1.0.2.GA] at
```

```
java.util.concurrent.ThreadPoolExecutor.runWorker(ThreadPoolExecutor.java:1145)
```

```
[rt.jar:1.7.0_79] at
```

```
java.util.concurrent.ThreadPoolExecutor$Worker.run(ThreadPoolExecutor.java:615)
```

```
[rt.jar:1.7.0_79] at java.lang.Thread.run(Thread.java:745) [rt.jar:1.7.0_79]
```

```
Caused by: LifecycleException: L'initialisation du gestionnaire de protocole a échoué:
```

```
java.net.BindException: Address already in use: JVM_Bind /127.0.0.1:8080 at
```

```
org.apache.catalina.connector.Connector.init(Connector.java:985) at
```

```
org.jboss.as.web.WebConnectorService.start(WebConnectorService.java:267) ... 5 more
```

I'm using JDK 1.7. My environment variables are well configured: `JAVA_HOME = path/to/jdk1.7`. And in Netbeans, in the properties of the server, my Java Platform is JDK 1.7.

Here is the beginning of the log to check the values:

```
Calling "C:\Server\jboss-as-7.1.0.Final\bin\standalone.conf.bat" "JAVA_OPTS already set in environment; overriding default settings
```

**with values: -Xms128m -Xmx512m -**

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## JBoss Bootstrap Environment

JBOSS\_HOME: C:\Server\jboss-as-7.1.0.Final

JAVA: C:\Program Files\Java\jdk1.7.0\_79\bin\java

JAVA\_OPTS: -XX:+TieredCompilation -Dprogram.name=standalone.bat -Xms128m -Xmx512m -XX:MaxPermSize=256m

Thanks in advance for your help !

java netbeans jboss jboss7.x

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edited Jan 26, 2016 at 9:30



TT.

15.5k 6 44 84

asked Jan 26, 2016 at 9:25



Erlaunis

1,353 5 30 48

"I configured my server with the port 8181" => how? – assylias Jan 26, 2016 at 9:33

## 4 Answers

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Check your `standalone.xml` in directory `$JBOSS_HOME$/standalone/configuration` and check the element

```
<socket-binding name="http" port="XXXX"/>
```



Does XXXX equal 8181 or 8080 ? I'm betting it's 8080 . Change it to 8181 and restart JBoss.



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edited Jan 26, 2016 at 9:48

answered Jan 26, 2016 at 9:33



TT.

15.5k 6 44 84

Thanks, I did. But I still have an error : **Address already in use: bind**. Do you think there is an other variable to change ? – Erlaunis Jan 26, 2016 at 9:50

And when I check with netstat, there is no port 8181 in use :/ – Erlaunis Jan 26, 2016 at 9:51

Well, when I go to localhost:8181, I don't have any error. But in the log, I still have those exception. And when I do a netstat, the port 8181 is used. So I assume that it's working. – Erlaunis Jan 26, 2016 at 10:32

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20:37



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If you are not sure which process is blocking your port (if you deploy your application to an unknown server this happens from time to time) you really want to have a look at the `netstat.exe` tool (part of windows):

```
cmd -> "netstat -o"
```

This will show you each port in use with the `pid` (Process ID) using it. With this ID you can see in the taskmanager which Process is blocking your port.

`Netstat` also has some other handy options.

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edited Jan 26, 2016 at 9:55

answered Jan 26, 2016 at 9:44



TT.

15.5k

6

44

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Rainer

731

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Thanks but I know that the port is already used by my Tomcat. And when I try to start with an other port (like @TT. said), the port 8181 (that I choose) isn't in the list of "netstat". – Erlaunis Jan 26, 2016 at 10:07

@TT thanks for editing... this all lower case is always a pain for germans ;- ) – Rainer Jan 26, 2016 at 14:21



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Check your standalone.xml: And check two ports:

```
<socket-binding-group name="standard-sockets" default-interface="public" port-  
offset="${jboss.socket.binding.port-offset:0}"> &  
<socket-binding name="http" port="9090"/>
```

Offset should be 0 if you have set your http port on 9090.

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answered Feb 27, 2018 at 18:53



T.Thakkar

183

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for me I have changed in intellij File -> Settings -> Debugger ( Built-in Server) port to something else (other than 8080) as shown in the

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The screenshot shows the IntelliJ IDEA Settings dialog, specifically the 'Build, Execution, Deployment > Debugger' tab. The left sidebar lists various settings categories, with 'Debugger' selected. The main panel contains the following settings:

- Build, Execution, Deployment > Debugger**
  - ☒ Show debug window on breakpoint
  - ☒ Focus application on breakpoint
  - ☐ Hide debug window on process termination
  - ☐ Scroll execution point to center
  - ☒ Click line number to perform run to cursor
  - Remove breakpoint:
    - ☒ Click with left mouse button
    - ☐ Drag to the editor or click with middle mouse button
    - ☐ Confirm removal of conditional or logging breakpoints
- Java**
  - Transport: ☒ Socket ☐ Shared memory
  - ☒ Force Classic VM for JDK 1.3.x and earlier
  - ☐ Disable JIT
  - ☒ Show alternative source switcher
  - ☐ Kill the debug process immediately
  - ☐ Attach memory agent
- Built-in server**
  - Port: 9696 ☐ Can accept external connections
  - ☐ Allow unsigned requests
- Logcat output**
  - ☒ Show application logcat messages in Run Console
  - ☒ Show application logcat messages in Debug Console

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edited Feb 5, 2020 at 9:29

[Teamothy](#)

1,990

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answered Feb 5, 2020 at 7:35

[Kundan Bora](#)

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