

TeamCity thinks multiple servers are...



dbrownell 2 posts since

Jan 29, 2010

We are running TeamCity 5.0.1 and have just migrated from 4.5.5. When we start up TeamCity and hit the servlet we are now seeing:

```
jetbrains.buildServer.rootDispatcher.SecondTeamCityInstanceException: Attempted to start more than one TeamCity servers connected with one database.
```

at

```
jetbrains.buildServer.rootDispatcher.TeamCityDispatcherServlet.processStartupServerInternal(TeamCity
```

at

```
jetbrains.buildServer.rootDispatcher.TeamCityDispatcherServlet.processServerStartup(TeamCityDispatc
```

```
at jetbrains.buildServer.rootDispatcher.TeamCityDispatcherServlet.access  
$000(TeamCityDispatcherServlet.java:77)
```

```
at jetbrains.buildServer.rootDispatcher.TeamCityDispatcherServlet  
$1.run(TeamCityDispatcherServlet.java:2)
```

```
at java.lang.Thread.run(Thread.java:619)
```

This database was previously used in TeamCity 4.5.5 and was working for a few minutes (before we rebooted the OS -- Linux). We created an empty database which does work, but we'd really like to keep the old data!

We are really sure that only one instance of TeamCity is running against this database (a MySQL database). Is there some lock file or table that we can clear?

Thanks,

DBrownell

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Tags: teamcity



[Oleg Gerovich](#) 105 posts since

Jun 4, 2008 1. **Re: TeamCity thinks multiple servers are connecting to the database** Jan 29, 2010 10:22 PM

David,

You can try to manually kill all connections from the user that TeamCity is using to connect to your database (your DBA should know how) and then restart TeamCity. Sometimes those connections are still there after you restart the server, so it doesn't let you connect what the DB thinks is another TC instance. Hope this helps!



[Pavel Sher](#) 2,148 posts since

Mar 6, 2008 2. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 1, 2010 8:45 PM

Have you tried to take a look at connections opened to MySQL server? I mean the command: show processlist

Does the list contains connections from the one server only?



[dbrownell](#) 2 posts since

Jan 29, 2010 3. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 1, 2010 11:04 PM

What we ended up doing was to create a new database and dump and load the user tables into the new DB. Sure, we lost our history and if having the history was more important we'd persue getting that over. I was hoping that when a server connected, it threw a flag that we might clear. The only thing connecting to the database was our TeamCity server, and we ensured that we shut down the old 4.x server before cranking up the new one.

Thanks for the suggestions.



[Pavel Sher](#) 2,148 posts since

Mar 6, 2008 4. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 2, 2010 1:58 AM

In fact TeamCity uses get_lock MySQL function (http://dev.mysql.com/doc/refman/5.1/en/miscellaneous-functions.html#function_get-lock) to obtain lock on the TeamCity database, and if it fails to do so, the error you've seen appears. We need to lock database because in the past we had a lot of issues when more than one server pointed to the same database. The problem is in Tomcat it is very easy to make a mistake in configuration which leads

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to such case. Many users did not know they run more than one instance of TeamCity until some primary key violation occurred.

It would be great if we could investigate why the server detection approach does not work in your case. What version of MySQL/JDBC driver do you use?



BobMN 27 posts since

Nov 7, 2007 5. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 5, 2010 5:57 PM

I'm getting the same thing when I go to our TeamCity webpage. We are running our database on SQL Server 2005. Any ideas if this is a TeamCity defect causing this or if we really have another instance trying to use the same database, which would be unlikely. We are on TeamCity 5.0.1.

Ooops, something went wrong...

Error on step: Connecting to the database server...

Attempted to start more than one TeamCity servers connected with one database.

Copy to clipboard

Stacktrace copied!

jetbrains.buildServer.rootDispatcher.SecondTeamCityInstanceException: Attempted to start more than one TeamCity servers connected with one database.

at

jetbrains.buildServer.rootDispatcher.TeamCityDispatcherServlet.processStartupServerInternal(TeamCity

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at
jetbrains.buildServer.rootDispatcher.TeamCityDispatcherServlet.processServerStartup(TeamCityDispat

at jetbrains.buildServer.rootDispatcher.TeamCityDispatcherServlet.access
\$000(TeamCityDispatcherServlet.java:34)

at jetbrains.buildServer.rootDispatcher.TeamCityDispatcherServlet
\$1.run(TeamCityDispatcherServlet.java)

at java.lang.Thread.run(Thread.java:595)

Bob



[Leonid Bushuev](#) 149 posts since

Sep 30, 2002 6. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 5, 2010 8:05 PM

Guys,

could you please check how many TeamCity instances are really running?

It can be done, for instance, using Tomcat Manager (just browse the page
<http://<myserver.mydomain.com>/manager/html>).

Thanks.

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TeamCity thinks multiple servers are...

Leonid



[BobMN](#) 27 posts since

Nov 7, 2007 7. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 5, 2010 8:23 PM

When I do that all I get is this page. Also to note we upgraded to 5.0.2 to see if our original issue would be fixed and we still get the same error. It seems the app and db version checking may be off our database is 345 but the log shows two app version one set to 344 and one to 345. This is logged as an error before the multiple errors issue is logged.

HTTP Status 404 - /manager/html/

type Status report

message [/manager/html/](#)

description The requested resource ([/manager/html/](#)) is not available.

Apache Tomcat/6.0.20



[Leonid Bushuev](#) 149 posts since

Sep 30, 2002 8. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 5, 2010 8:35 PM

Bob,

this page is displayed when no Tomcat Managers installed.

In this case, you can look thru log file "teamcity-server.log" that is placed in the <TeamCity-home>/logs directory to check how many instances are starting.

P.S. How did you install TeamCity - using Windows installer or using WAR-file or from tar.gz?

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Leonid



[BobMN](#) 27 posts since

Nov 7, 2007 9. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 5, 2010 8:50 PM

We installed 5.0.1 with windows installer. We ran into MSSQL blocking bug. Got a pre 5.0.2 fix number 10752 and installed the war to get around MSSQL bug. Then we ran the official 5.0.2 installer to get that up to official 5.0.2. Which now we have the multiple server connection issue.



[Leonid Bushuev](#) 149 posts since

Sep 30, 2002 10. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 5, 2010 8:54 PM

Bob,

just remove the old version completely (not rename or zip) and start the server.

Best regards,

Leonid



[Leonid Bushuev](#) 149 posts since

Sep 30, 2002 11. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 5, 2010 8:37 PM

Bob,

could you please provide me this log?

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Thank you,

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Leonid



[BobMN](#) 27 posts since

Nov 7, 2007 12. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 5, 2010 8:47 PM

I sent you an email.



[Leonid Bushuev](#) 149 posts since

Sep 30, 2002 13. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 5, 2010 8:52 PM

Bob,

it looks like you have two versions of TeamCity both running under one Tomcat server. Please, remove the old one (completely, not just rename or zip). I hope it will help.

Please, describe how did you install/upgrade TeamCity - it will help us to understand the case.

Thank you,

Leonid



[BobMN](#) 27 posts since

Nov 7, 2007 14. **Re: TeamCity thinks multiple servers are connecting to the database** Feb 5, 2010 9:43 PM

We installed 5.0.1 with windows installer. We ran into MSSQL blocking bug. Got a pre 5.0.2 fix number 10752 and installed the war to get around MSSQL bug. Then we ran the

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official 5.0.2 installer to get that up to official 5.0.2. Which now we have the multiple server connection issue.

We fixed our issue by having a backup of .BuildServer directory. Doing a uninstall via windows add/remove gui. We then installed fresh 5.0.2 and copied back our backed up .BuildServer. Coping back our jtids jar file for the MSSQL database connection.

Thanks for your help into looking into this. It appears that pre release war we manually intalled was most likely to blame.



[Tomas Marny](#) 1 posts since

Sep 29, 2010 15. **Re: TeamCity thinks multiple servers are connecting to the database** Sep 29, 2010 3:39 PM

I just got this error with version 5.1.4 on ms sql 2008, I made a backup of the teamcity database, and restored it again and that fixed the issue for me.