

Migration from 2.5/mysql to 3.0/psql...



[kpierce](#) 15 posts since

Apr 14, 2009

Performing a migration from 2.5 using MySQL to 3.0 using the default Postgres. Running the migration script generates the following error. The migration log (/usr/local/jive/var/logs/migration.log) is blank, most likely due to the condition noted in the first two lines of the error message.

```
clearspace:/usr/local/jive/bin/migration/bin # ./migration migration.properties
log4j:WARN No appenders could be found for logger
(com.jivesoftware.migration.schema.DbUtil).
log4j:WARN Please initialize the log4j system properly.
com.mysql.jdbc.CommunicationsException: Communications link failure
```

Last packet sent to the server was 0 ms ago.

```
at com.mysql.jdbc.SQLError.createCommunicationsException(SQLError.java:1070)
at com.mysql.jdbc.ConnectionImpl.createNewIO(ConnectionImpl.java:2104)
at com.mysql.jdbc.ConnectionImpl.<init>(ConnectionImpl.java:729)
at com.mysql.jdbc.ConnectionImpl.getInstance(ConnectionImpl.java:298)
at com.mysql.jdbc.NonRegisteringDriver.connect(NonRegisteringDriver.java:283)
at java.sql.DriverManager.getConnection(DriverManager.java:582)
at java.sql.DriverManager.getConnection(DriverManager.java:185)
at com.jivesoftware.migration.schema.DbUtil.getConnection(DbUtil.java:140)
at com.jivesoftware.migration.etl.DbConfig.getInputConnection(DbConfig.java:192)
at com.jivesoftware.migration.etl.DbConfig.getVersion(DbConfig.java:297)
at com.jivesoftware.cli.Main.exportBlobs(Main.java:200)
at com.jivesoftware.cli.Main.run(Main.java:102)
at com.jivesoftware.cli.Main.main(Main.java:68)
```

```
Caused by: java.net.ConnectException: Connection refused
at java.net.PlainSocketImpl.socketConnect(Native Method)
```

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```
at java.net.PlainSocketImpl.doConnect(PlainSocketImpl.java:333)
at java.net.PlainSocketImpl.connectToAddress(PlainSocketImpl.java:195)
at java.net.PlainSocketImpl.connect(PlainSocketImpl.java:182)
at java.net.SocksSocketImpl.connect(SocksSocketImpl.java:366)
at java.net.Socket.connect(Socket.java:519)
at java.net.Socket.connect(Socket.java:469)
at java.net.Socket.<init>(Socket.java:366)
at java.net.Socket.<init>(Socket.java:209)
at com.mysql.jdbc.StandardSocketFactory.connect(StandardSocketFactory.java:257)
at com.mysql.jdbc.MysqlIO.<init>(MysqlIO.java:277)
at com.mysql.jdbc.ConnectionImpl.createNewIO(ConnectionImpl.java:2030)
... 11 more
```

Exception in thread "main" java.lang.RuntimeException: java.lang.NullPointerException
at com.jivesoftware.cli.Main.main(Main.java:70)

Caused by: java.lang.NullPointerException

```
at com.jivesoftware.migration.etl.DbConfig.getVersion(DbConfig.java:307)
at com.jivesoftware.cli.Main.exportBlobs(Main.java:200)
at com.jivesoftware.cli.Main.run(Main.java:102)
at com.jivesoftware.cli.Main.main(Main.java:68)
```

The migration.properties file is captured below. I am able to get a MySQL command prompt by running **mysql -u root -p** on the source box.

```
inputUrl=jdbc:mysql://editedipaddress:3306/clearspace
inputDriver=com.mysql.jdbc.Driver
inputUser=root
inputPassword=editedpassword
outputUrl=jdbc:postgresql://127.0.0.1:5432/sbs
outputDriver=org.postgresql.Driver
outputUser=sbs
```

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```
outputPassword=editedpassword  
workDir=/usr/local/jive/var/work/migrate  
steps=exportBlobs, exportSql, writeEtl, createTargetSchema, runEtl, validate
```



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Jun 18, 2009 1. **Re: Migration from 2.5/mysql to 3.0/psql fails** Jun 26, 2009 11:55 AM

Hey there,

Did any data/tables/etc. make it in to the Postgres server? This link error could be that the migration script is not establishing a connection from the get go or there is a connection fault while the script is running. Does this DB live on the same server as your existing Clearspace deployment? Does it live on the same server as the Postegres server? Please ensure that extenal TCP/IP connections are allowed in to the MySQL daemon.

Let me know how that goes -- if that doesn't resolve the issue let's dig deeper.

Cheers,

Brad



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Apr 14, 2009 2. **Re: Migration from 2.5/mysql to 3.0/psql fails** Jun 29, 2009 2:46 PM

The migration is from one server to a different server. I needed to setup the user@remotehost MySQL account on the source server and afterward the migration worked flawlessly. Thanks for the help!

```
o mysql> grant all privileges on *.* to user@'remotehost' identified by 'password';
```

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Jun 18, 2009 [3](#). **Re: Migration from 2.5/mysql to 3.0/psql fails** Jun 29, 2009 4:19 PM

Great! Let me know if you have additional questions or comments!