

The TCP/IP connection to the host localhost, port 1433 has failed error, need assistance

Asked 3 years, 11 months ago · Active 3 years, 11 months ago · Viewed 13k times



2



Full error I'm getting:

The TCP/IP connection to the host localhost, port 1433 has failed. Error: "connect timed out. Verify the connection properties. Make sure that an instance of SQL Server is running on the host and accepting TCP/IP connections at the port. Make sure that TCP connections to the port are not blocked by a firewall."

I have already checked that TCP/IP is enabled, using port 1433, and TCP dynamic ports is empty. I have disabled windows firewall.

Here is my code:

```
import java.sql.*;

public class DBConnect {

    public static void main(String[] args) {
        // TODO Auto-generated method stub

        String dbURL = "jdbc:sqlserver://localhost:1433;DatabaseName=TestDB1;instance=SQLSERVER";
        String user = "sa";
        String pass = "";
        try {
            Class.forName("com.microsoft.sqlserver.jdbc.SQLServerDriver");

            Connection myConn = DriverManager.getConnection(dbURL, user, pass);
            try {
                Statement myStmt = myConn.createStatement();

                try {
                    ResultSet myRs = myStmt.executeQuery("Select * from Login");

                    while (myRs.next())
                    {
                        System.out.println(myRs.getString("Username"));
                        System.out.println(myRs.getString("Password"));
                    }
                } catch (Exception e)
                {
                    System.out.println("Error with query");
                }
            }
        }
    }
}
```

java

sql-server

share improve this question

asked Nov 8 '15 at 2:19

gupakratu

[Ask Question](#)

Blog

Research update: Coding on the Weekends

Stack Overflow Podcast #126 – The Pros and Cons of Programming with ADHD

Featured on Meta

Feedback post: Moderator review and reinstatement processes

Post for clarifications on the updated pronouns FAQ

Threshold experiment results: closing, editing and reopening all become more...

Feedback and suggestions for editable section of Help Center

Want a java job?

Senior Java Developer - Remote

Wallethub No office location

\$25K - \$65K REMOTE

java spring

Senior Software Engineer

Emerlyn Technology, LLC No office location

REMOTE

java spring

ColdFusion Software Developer

Enviance, Inc. Carlsbad, CA

REMOTE

java html

Senior Software Engineer, Operator Experience

Auth0 No office location

REMOTE

java node.js

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

TEAMS What's this?

First 25 Users Free

Home

PUBLIC

Stack Overflow

Tags

Users

Jobs

TEAMS What's this?

gurpalrattu 26 ● 1 ● 1 ● 6

1 Have you done all of the things that are suggested by the error message? All of them? Have you actually verified that the server is >>listening<< on 127.0.0.1:1433? – Stephen C Nov 8 '15 at 2:49

add a comment

1 Answer

active oldest votes



11



Have you enabled 'Named Pipes' and 'TCP/IP'?

1. Open the 'Sql Server Configuration' application.
2. In the left pane, go to 'SQL Server Network Configuration' -> 'Protocols for [instance-name]'
3. Right-click on both 'Named Pipes' and 'TCP/IP' and select 'enable'.

Have you used the correct port?

4. Double-click on 'TCP/IP'
5. Select 'IP Addresses' tab
6. Scroll to IPAll. Your port number is here.
7. Restart the 'SQL Server ([instance-name])' windows service.

share improve this answer

answered Nov 8 '15 at 5:12

JohnG79 486 ● 6 ● 19

I didn't enable named pipes, thank you, that fixed it – gurpalrattu Nov 8 '15 at 5:38

add a comment

Your Answer

B I Link Quote Code Image Bulleted List Numbered List Table Insert Link Undo Redo

Sign up or log in

Sign up using Google

Sign up using Facebook

Post as a guest

Name

Email

Required, but never shown

Linked

1 How do I fix port 1433 failing error in my SQL server with JDBC, I tried everything

Related

6 JDBC Example for java

16 com.microsoft.sqlserver.jdbc.SQLServerException: The TCP/IP connection to the host localhost, port 1433 has failed

6 SQLServerException: TCP/IP connection to the host has failed

76 JDBC connection failed, error: TCP/IP connection to host failed

-3 The TCP/IP connection to the host localhost, port 1433 has failed

0 regarding to connection with sql server and netbeans

0 SQLException: The TCP/IP connection to the host localhost, port 1433 has failed

0 The TCP/IP connection to the host, port 1433 has failed

0 SQLServerException; The TCP/IP connection to the host localhost, port 1433 has failed

0 How to fix "The TCP/IP connection to the host localhost, port 1433 has failed."

Hot Network Questions

Employer reneged on negotiated clauses, citing budget cuts - what can I do?

Reluctant to understand "and more often than not one"

Python - Extraction of value from a dict-tree, given a path of arbitrary length

Will denial of entry to the US due to improper documentation affect travel to Canada and other countries?

modulo with n instead of 0 without using if-statement

What the heck is the Luraic language?

Who created god (parabrahman)?

How exactly do you avoid fooling yourself?


How to secure cables to PCB?


To lift an object, do we need a force equal to its weight, or greater than its weight?

Were mixed race kids theorized to look like zebras?

Realistic ways a Planet or Large Moon could have Variable Day/Night periods

Why are the angle-of-attack sensors on most airplanes mounted on the forward fuselage rather than at the wing roots?

 First 25 Users Free

 Sign up using Email and Password


Post Your Answer

By clicking "Post Your Answer", you agree to our [terms of service](#), [privacy policy](#) and [cookie policy](#)

Not the answer you're looking for? Browse other questions tagged [java](#) [sql-server](#) or ask your own question.

Home

PUBLIC

 Stack Overflow

Tags


Users


Jobs


TEAMS


What's this?


 First 25 Users Free


 Different adjective endings within the same sentence. What am I missing?


 What can a parasite offer its human hosts in a mutualistic relationship?


 Explaining why (or whether) zero and one are prime, composite or neither to younger children


 How do I call an 8-digit Singapore number from the US?


 What term is used for the type of music that evokes a strong picture?


 Divine Fury static damage round up or down?


 If I am just replacing the car engine, do I need to replace the odometer as well?

 Degraded Array. RAID 6 with three disk failure

 Why do gas water heater exhausts have an air gap before chimney?

 Is Basalt Monolith a 1-card infinite combo with no payoff?

 What is this sci-fi film involving a time/teleportation machine and a boy in a spacesuit

 Question feed



STACK OVERFLOW

Questions

Jobs

Developer Jobs Directory

Salary Calculator

Help

Mobile

Disable Responsiveness

PRODUCTS

Teams

Talent

Advertising

Enterprise

COMPANY

About

Press


Work Here


Legal


Privacy Policy

Contact Us

STACK EXCHANGE NETWORK

Technology 

Life / Arts 

Culture / Recreation 

Science 

Other 

[Blog](#) [Facebook](#) [Twitter](#) [LinkedIn](#)

site design / logo © 2019 Stack Exchange Inc; user contributions licensed under cc by-sa 4.0 with attribution required.
rev 2019.10.29.35276