

Connection from PowerBI to PostgreSQL fails

Last updated by | Lisa Liu | Nov 6, 2020 at 10:33 AM PST

Error: " The remote certificate is invalid according to the validation procedure"

This error will occur when the Cx tries to connect using a private IP, a custom domain name or [privatelink.postgres.database.azure.com](#) ☐. PowerBI is unable to verify the certificate because the host name doesn't match.

Solution:


To connect using private link Cx should use the following string:

[servername.database.windows.net](#) ☐

Additionally, the following line will need to be added to the hosts table if the connection still fails:

Private IP <servername>.database.windows.net

Example:

 *hosts - Notepad

File Edit Format View Help

```
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
# For example:
#
#       102.54.94.97       rhino.acme.com           # source server
#       38.25.63.10       x.acme.com               # x client host

# localhost name resolution is handled within DNS itself.
#       127.0.0.1        localhost
#       ::1              localhost
```

10.1.0.4 pa-pgserver.database.windows.net

For more information review this Tech Blog post: <https://techcommunity.microsoft.com/t5/azure-database-support-blog/lesson-learned-127-using-azure-sql-database-private-link-and/ba-p/1254208> 

Error: "No connection could be made because the target machine actively refused it"

This error could be due to port 5432 being blocked on the user's network.

Solution: Ask Cx to allow port 5432 to accept traffic in their organization

How good have you found this content?

