

SSLmode=verify-full

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"there is a known issue if you use "sslmode=verify-full" in your connection to the service, the connection will fail with the following error: server certificate for "<region>.control.database.windows.net" (and 7 other names) does not match host name "<servername>.postgres.database.azure.com". If "sslmode=verify-full" is required, please use the server naming convention <servername>.database.windows.net as your connection string host name. We plan to remove this limitation in the future. Connections using other SSL modes should continue to use the preferred host naming convention <servername>.postgres.database.azure.com."

One of the customers experienced this issue even with the above workaround in place. Below is an example of psql command and connection string that failed:

```
psql 'dbname=token user='token@<servername>' host='<servername>.database.windows.net' port=5432  
sslmode=verify-full'
```

Error message:

```
psql: server common name 'eastus1-a.control.database.windows.net' does not match host name  
'<servername>.database.windows.net'
```

This issue was resolved after upgrading the postgresql client from 9.4 to 9.6

As a workaround against client 9.4 we can try using the sslmode=verify-ca option instead and specifying the .crt/.pem file

```
psql "sslmode=verify-ca sslrootcert=root.crt host=<servername>.postgres.database.azure.com dbname=postgres  
user=mylogin@<servername>"
```

Created with Microsoft OneNote 2016.

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