

Resolve "FATAL:no pg_hba.conf entry for host" Error when you Connect from PGAdmin4

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Introduction

This document describes how to resolve "FATAL: no pg_hba.conf entry for host" error when login to CloudCenter Manager Postgres standalone server with the use of PGAdmin tool.

Prerequisites

Requirements

Cisco recommends that you have knowledge of these topics:

- PostgreSQL
- PGAdmin tool

Components Used

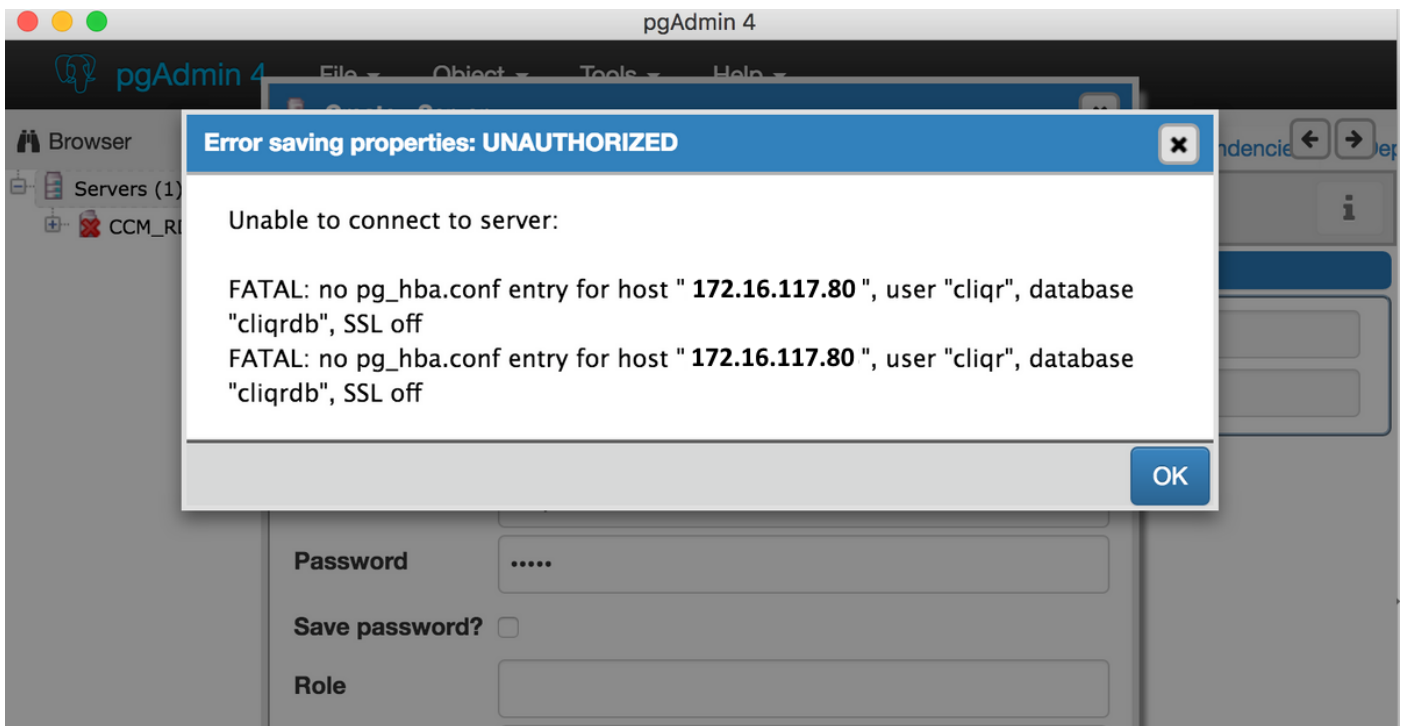
The information in this document is based on these software versions:

- CloudCenter version 4.8.2
- MGMTPOSTGRES_STANDALONE
- Posrgres9.6

The information in this document was created from the devices in a specific lab environment. All of the devices used in this document started with a cleared (default) configuration. If your network is live, ensure that you understand the potential impact of any command.

Problem

When you try to connect the CloudCenter Postgres server with the use of pgAdmin, it fails with the "UNAUTHORIZED" error as shown in the image.



Solution

This authentication issue happens when you try to connect to the Postgres SQL server remotely other than the CloudCenter Manager server. In order to resolve this error, follow these steps:

1. Log in to Postgres SQL server with the use of ssh console.
2. cd to **/var/lib/pgsql/9.6/data/**.

```
[root@ip-172-31-70-212 ~]# cd /var/lib/pgsql/9.6/data/
[root@ip-172-31-70-212 data]#
[root@ip-172-31-70-212 data]# ls
base          pg_clog          pg_dynshmem      pg_ident.conf    pg_logical        pg_notify        pg_serial        pg_stat          pg_subtrans      pg_twophase      pg_xlog          postgresql.conf  postmaster.pid
global        pg_commit_ts    pg_hba.conf      pg_log           pg_multixact     pg_replslot     pg_snapshots     pg_stat_tmp      pg_tblspc        PG_VERSION       postgresql.auto.conf  postmaster.opts
```

3. Open **pg_hba.conf** file in an editor.
4. Add an entry of the host IP address from which you try to connect. You can input the entry of the host which you would like to provide access to as shown in the image.

```
# replication privilege.
#local  replication  postgres                                md5
#host   replication  postgres  127.0.0.1/32  md5
#host   replication  postgres  ::1/128      md5
host    all         all       172.31.94.70/32  trust
host    all         all       172.16.117.80/32  trust
```

5. Restart the postgres SQL server.

```
systemctl restart postgresql-9.6.service
```

6. Try again in order to connect with the use of pgAdmin tool and you should be able to connect without any errors as shown in the image.

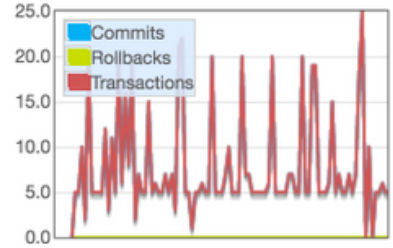
Browser

- Servers (2)
 - CCM482
 - Databases (3)
 - capacitydb
 - cliqrdb
 - postgres
 - Login/Group Roles (3)
 - Tablespaces
 - CCM_RDS_MASTER

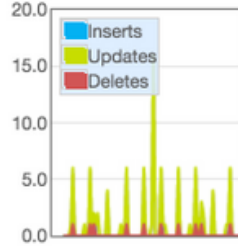
Server sessions



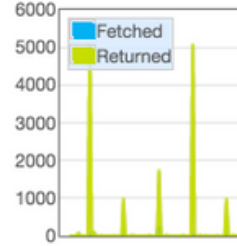
Transactions per second



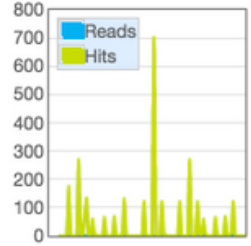
Tuples in



Tuples out



Block I/O



Server activity

- Sessions
- Locks
- Prepared Transactions
- Configuration