

Error creating link from OracleDB to PostgreSQL

ORA-00972: identifier is too long

Last updated by | Pedro Acevedo | Oct 4, 2022 at 8:28 AM PDT

Issue

When creating a link between OracleDB and PostgreSQL it fails as follows:

```
create database link PostgreSQL connect to 'username@longservername' identified by 'my_passwd' using 'dg4psql';
```

ERROR at line 1: ORA-00972: identifier is too long

Investigation/Analysis

As per Oracle official documentation, names of objects must be less than 30 characters (see public documentation link below).

Mitigation

Customer needs to use a server name plus username combination that doesn't exceed 30 characters. This can be difficult to achieve in single server. The recommendation is to migrate to Flexible Server.

Public Doc Reference

https://docs.oracle.com/cd/B28359_01/server.111/b28286/sql_elements008.htm#SQLRF51110 

Root Cause Classification

Cases resolved by this TSG should be coded to the following root cause:

/Root Cause: PostgreSQL Single Server/Connectivity/Requested Feature not supported