

## “Create User” in Oracle 12c

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Here is one email from Roja Surya Chinnam. It is an excellent research done by him to give us a heads up. The information will be useful for Project 7 and our Final Project. Thank you, Surya.

I have also attached some of my findings from Internet. I do not know if that is the same source for Surya or not. But, I did it for your reference.

PL

### Project-7

Oracle 12c:

If we try to create a user in 12c it throws an error stating **“Invalid common user or role name”**. The reason 12c does not allow to create users on Container database but we can create user in the following ways.

Connect to SYS user and do any of the tasks below.

- Append the script with ----alter session set  
"\_ORACLE\_SCRIPT"=true;
- Append the username with C##
- alter session set container=PDBORCL;

Thanks,

Surya Chinnam.

--Related finding by PPL--

The following is quoted from:

[http://www.dba-oracle.com/t\\_ora\\_65096\\_create\\_user\\_12c\\_without\\_c\\_prefix.htm](http://www.dba-oracle.com/t_ora_65096_create_user_12c_without_c_prefix.htm)

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### **ORA-65096: create 12c user without c## prefix**

**Question:** I am trying to create a user in Oracle 12c and I don't give a rat's butt about pluggable databases. When I try to create a user with the c## prefix I get the dreaded ORA-65096 error:

```
create user fred identified by flintstone;  
ORA-65096: invalid common user or role name
```

I don't care if the user ID is used as a pluggable database, I just want to create a user named fred without being required to add the c## prefix (create user c##fred).

How do I fix the ORA-65096 error and create my use without a container database c## prefix?

**Answer:** First, read my notes on [common vs. local user ID's](#). The *oerr* utility is not at all helpful for the ORA-65096 error:

**ORA-65096:** invalid common user or role name

**Cause:** An attempt was made to create a common user or role with a name that was not valid for common users or roles. In addition to the usual rules for user and role names, common user and role names must start with C## or c## and consist only of ASCII characters.

**Action:** Specify a valid common user or role name.

The solution to the ORA-06596 is to set a hidden parameter "\_oracle\_script". When you set the undocumented (hidden) parameter "[\\_oracle\\_script=true](#)" you can create the fred user without a C## in front of the user ID. However, this user will not be useful in a pluggable/container database:

```
connect system/manager as sysdba

alter session set "_ORACLE_SCRIPT"=true;

create user fred identified by flintstone;

grant dba to pubs;

connect fred/flintstone
```

Always consult Oracle support before using any hidden Oracle parameters. Oracle makes a distinction in multitenant databases for local vs. "common" user ID's:

- **COMMON USERS:** Common user ID's must always be created at the CDB level and start with a C## or c## prefixes.
- **LOCAL USERS:** Local users can only be created at the PDB layer; also must use the CONTAINER clause set to CURRENT for the user to be created.