ERROR: column c.relhasoids does not exist

Last updated by | Lisa Liu | Nov 6, 2020 at 10:31 AM PST

Issue Description and Symptom

Customers may experience below errors when executing any queries:

> ERROR: column c.relhasoids does not exist LINE 1: ...riggers, c.relrowsecurity, c.relforcerowsecurity, c.relhasoi...

Cause

This is a known issue (or expected behavior) if the versions are mismatched between a client (*psql*) and a server. And mostly occurred when the server is in Version 12 while a version 11 *psql* is used. Referenced at https://postgresql.verite.pro/blog/2019/04/24/oid-column.html ↗, table OIDs are no longer treated as special columns in PostgreSQL 12, and hence the *relhasoids* column is no longer necessary.

Reproduce

psql is ver 11.8 and server is ver 12.4

```
PS C:\Users\xixia> psql -h xixia-pg12-sea-meru.postgres.database.azure.com -U x_xiao2_bnu -d postgres -W
Password:
psql (11.8, server 12.4)
WARNING: psql major version 11, server major version 12.
         Some psql features might not work.
SSL connection (protocol: TLSv1.2, cipher: ECDHE-RSA-AES256-GCM-SHA384, bits: 256, compression: off)
Type "help" for help.
postgres=> \d pg_class
ERROR:  column c.relhasoids does not exist
LINE 1: ...riggers, c.relrowsecurity, c.relforcerowsecurity, c.relhasoi...
                                                              ^

postgres=> a
```

Mitigation and Resolution

Upgrade psql to V12 should resolve the issue.

How good have you found this content?

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