

## Truncating the locked objects in postgres container

Issue: GCXI pods will keep on restart if any object got locked in postgres

**Sample Error :** 2022-10-04 10:59:08 [main] INFO - Setting aggregation level... 2022-10-04 10:59:12 [main] DEBUG - org.mozilla.javascript.WrappedException: Wrapped com.genesys.mstr.mmp.commands.ServerException: Schema object 'Schema' with ID 'A92B4BC0131145A0A2BE3DCD5D77F57C' cannot be modified because it is in use by 'Administrator' on 'azpwjmphs003' since 10/4/2022 8:03:57 AM. Please contact your administrator for more information. (SetAggLevel.js#88)

### Steps to Remediate

#### Step 1 – Login into postgres pod and switch as postgres user

```
[root@gcxi ~]# kubectl exec -it gcxi-postgres-7fddfb8649-j68df /bin/bash
```

kubectl exec [POD] [COMMAND] is DEPRECATED and will be removed in a future version. Use kubectl exec [POD] -- [COMMAND] instead.

```
root@gcxi-postgres:/# su - postgres
```

#### Step 2 – Connect psql and mstr\_meta

```
postgres@gcxi-postgres:~$
```

```
postgres@gcxi-postgres:~$ psql
```

```
psql (12.12 (Debian 12.12-1.pgdg110+1))
```

```
Type "help" for help.
```

```
postgres=# \c mstr_meta
```

```
You are now connected to database "mstr_meta" as user "postgres".
```

```
mstr_meta=#
```

### Step 3 – Check the table and truncate if any values got locked

```
mstr_meta=# "select * from dssmdobjlock;"
```

mstr\_meta-#

```
mstr_meta=# select * from dssmdobjlock;
project_id | object_id |
object_type | lock_scope | lock_type | lock_source | lock_time | session |
_id | user_id | machine | comment_va
|-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+
+-----+-----+-----+-----+-----+-----+-----+
----- 3A54A87C11EABA05DEB40080EF75F2CE |
A92B4BC0131145A0A2BE3DCD5D77F57C | 22 | 1 | 0 | 1 | 2022-10-04
08:03:57.496 | EEA9D42E3FBA165D4D 89F8B53100E9F2 | 54F3D26011D2896560009A8E67019608
| azpwmphs003 | <COMMENTS>
```

Step 4 – Truncate the table and verify again

```
mstr_meta=# TRUNCATE TABLE dssmdobjlock;
```

```
mstr_meta=# "select * from dssmdobjlock;"
```

mstr meta-#

Exit from postgres pod.

### Step 5 – Scale down / up and verify the status of GCXI pods

```
[root@gcxi ~]# kubectl scale deployment gcxi-secondary --replicas=0
```

deployment.apps/gcxi-secondary scaled

```
[root@gcxi ~]#
```

```
[root@gcxi ~]# kubectl scale deployment gcxi-secondary --replicas=1
```

deployment.apps/gcxi-secondary scaled

```
[root@gcxi ~]#
```

```
[root@gcxi ~]# kubectl get pods -A -o wide | grep -i gcxi-primary-6bc64b6544-bf9zn
```

```
genesys      gcxi-primary-6bc64b6544-bf9zn      1/1  Running  1      24h  10.244.1.61
gcxi2.rptgenlab.com <none>      <none>
```

```
[root@gcxi ~]#
```