# **POC** document

# **Configuring Audit in Postgres database**

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Information Classification: UTI AMC - Confidential

### Log path location:-

1. Audit log loaction:- /data/pgsql-15.6/log

```
drwx----- 3 postgres postgres 20K Oct 16 22:11 pg wal
drwx----- 4 postgres postgres 4.0K Oct 16 23:11 pg logical
MCVD41S01906:/data/pgsql-15.6 # vi postgresql.conf
MCVD41S01906:/data/pgsql-15.6 # pwd
/data/pgsql-15.6
MCVD41S01906:/data/pgsql-15.6 #
```

#### 2. Create database:-

3. Create table:-

4. Insert:-

```
rc_db@MCVD41501906.t/iamc.c.___rc_db@MCVD41501906.utlamc...

ScVO41801906:/data/pgsql-15.e/log #

ScVO41801906:/data/pgsql-15.e/log #

ScVO41801906:/data/pgsql-15.e/log #

ScVO41801906:/data/pgsql-15.e/log # less postgresql-2024-10-07_000000.log|grep *INSERT INTO emp*

MCVD4181906:/data/pgsql-15.e/log # less postgresql-2024-10-07_000000.log|grep *INSERT INTO emp*

MCVD41810908:/data/pgsql-15.e/log # less postgresql-2024-10-07_000000.log|grep *INSERT INTO emp*

MCVD41810908:/data/pgsql-15.e/log # less postgresql-2024-10-07_000000.log|grep *INSERT INTO emp*

MCVD41801906:/data/pgsql-15.e/log # less postgresql-2024-10-07_000000.log|grep *INSERT INTO emp*

MCVD41801906:
```

5. Alter table:-

6. Change of parameter(like max\_connection):-

7. Create user:-

```
MCVD41501906:/data/pgsql-15.6/log #
```

#### 8. Alter user:-

```
r.db@MCVD41501906.utiamc....r.db@MCVD41501906.utiamc...

SCVD41501906:/data/ppsql-15.6/log # less postgresql-2024-10-07_000000.log|grep "alter user test"

<2024-10-07 15:27:28.858 151:[local]:postgresqlest_pgaduit:[3393]:> Log: AUDIT: SESSION,14,1,ROLE,ALTER ROLE,,,alter user test rename to test_bkp;,<none>
SCVD41501906:/data/ppsql-15.6/log # |
```

#### 9. Drop user:-

```
rc_db@MCVD41S01906utiamc.c... rc_db@MCVD41S01906utiamc...

MCVD41S01906:/data/pgsql-15.6/log # less postgresql-2024-10-07_000000.log|grep "drop user test_bkp"

<2024-10-07 15:28:22.211 15T:[local]:postgres8test_pgaduit:[5393]:> LOG: AUDIT: SESSION,17,1,ROLE,DROP ROLE,,,drop user test_bkp;,<none>

MCVD41S01906:/data/pgsql-15.6/log #

MCVD41S01906:/data/pgsql-15.6/log #
```

## 10. Sample Audit log from DMS UAT Database:

