PostgreSQL Failover and Replication Instructions

Server IPs:

100.125.105.2 172.25.4.2 main-db master
100.125.110.3 172.26.2.3 Maindb-dr slave

Whitelist IP on DR (100.125.110.3/172.26.2.3 Maindb-dr slave):

```
host  replication  all  172.25.4.2/24  trust
host  replication  all  172.25.4.2/32  trust
SELECT pg_reload_conf();
```

Stop the service on 100.125.105.2 (172.25.4.2 main-db):

/usr/lib/postgresql/14/bin/pg_ctl -D /data/pgsql/14/data stop

Promote slave as master:

/usr/lib/postgresql/14/bin/pg_ctl -D /data/pgsql/14/data promote

Create standby.signal file on 100.125.105.2 (main-db):

touch standby.signal

Edit postgresql.auto.conf:

primary_conninfo = 'user=postgres passfile='/var/lib/postgresql/.pgpass' channel_binding=prefer host=172.25.4.2 port=6412 sslmode=prefer sslcompression=0 sslcertmode=allow sslsni=1 ssl_min_protocol_version=TLSv1.2 gssencmode=prefer krbsrvname=postgres gssdelegation=0 target_session_attrs=any load_balance_hosts=disable'

Start the service on 100.125.105.2 (main-db):

/usr/lib/postgresql/14/bin/pg_ctl -D /data/pgsql/14/data start

Access new master (100.125.110.3 Maindb-dr):

select * from pg_stat_replication;

Access current slave (100.125.105.2 main-db):

select now() - pg_last_xact_replay_timestamp() as replication_delay;
select * from pg_stat_wal_receiver;