Step 1:-

Stop the application which is connected to the primary server.

Step2:-

Confirm all application was stopped and all threads are disconnected from primary DB

Select * from pg_stat_activity where state = 'active';

Select * from pg_stat_activity;

Step3:-

select pg_last_xlog_receive_location(),pg_last_xlog_replay_location();

Step4:-

Stop the primary DB and DR server.

/etc/init.d/postgresql stop

Step5:-

a)

Make following changes on DR server.

vi/postgres/data/pg_hba.conf

host   replication   replica   10.x.x.115/32   md5

b)

Modify a following parameter in postgresql.conf file

vi /postgres/data/postgresql.conf

listen_addresses = '*'

wal_level = 'hot_standby'

archive_mode= 'on'

archiv_command = 'cp %p /dbarchive_nb1/archives/'

max_wal_senders=3

hot_standby = on

c)

Remove or rename recovery.conf file in data directory

mv /postgres/data/recovery.conf recovery.conf_bkp

Step6:-

Make following changes on primary server.

a)

Create a recovery.conf file in data directory.

vi /postgres/data/recovery.conf

standby_mode = on

trigger_file = '/tmp/trigger_file'

primary_conninfo = 'host=10.x.x.109 port=5432 user=replica password=replica'

restore_command = 'rsync 10.x.x.109:/dbarchive_nbl/archives/%f "%p"'

b)

Then change a ownership of recovery.conf file

#chown postgres.postgres recovery.conf

Step7:-

Start the server as read-write mode.

/etc/init.d/postgresql start

Step 8:-

Start thr peimary server as read mode.

/etc/init.d/postgresql start

Step9:-
Check logs was properly reflected from secondary DB to primary DB.
select pg_last_xlog_receive_location(),pg_last_xlog_replay_location();

After completion of DR DRILL activity.
——
——
——
—

Step 1:-
 Stop the application connected to secondary server.

Step 2:-
 Confirm all application was stopped and all thread was disconnected from DR DB.
select * from pg_stat_activity where state = 'active' ;
select * from pg_stat_activity;

Step3:-
Check primary and secondary server is sync with each other.
select pg_last_xlog_receive_location(),pg_last_xlog_replay_location();

Step 4:-
Stop PostgreSQL service on primary and DR DB server.
/etc/init.d/postgresql stop

Step 5:-
Make following changes on primary server.
a) Remove or rename recovery.conf file in data directory.
mv /postgres/data/recovery.conf recovery.conf_bkp

Step 6:-
Start primary server as read-write mode.
/etc/init.d/postgresql start

Step7:-

Make following changes on DR server.
a) create a recovery.conf file in data directory.
[root@s2]# vi /postgres/data/recovery.conf
standby_mode = on
trigger_file = '/tmp/trigger_file'
primary_conninfo = 'host=10.x.x.115 port=5432 user=replica password=replica'
restore_command = 'rsync 10.x.x.115:/dbarchive_nbl/archives/%f "%p"'

b) Then change a ownership of a recovery.conf file.
[root]@s2]# chown postgres:potgres recovery.conf

Step 8:-
Start DR server as read mode.
/etc/init.d/postgresql start

Step 9:-
Check logs was properly reflected from primary DB to secondary DB.
select pg_last_xlog_receive_location(),pg_last_xlog_replay_location();