

Objective: Setup Streaming replication on Windows/Linux.

Steps:

On Master

- 1) Check following parameters in postgresql.conf
 - listen_addresses - *
 - wal_level - Replica
 - hot_standby. – On
- 2) Create user repuser with replication encrypted password 'abc';
- 3) Modify pg_hba.conf and specify the ip address of the both master and standby with md5 method
- 4) Reload/restart the configuration.

On Standby:

- 1) Stop postgresql database
 - 2) Delete all the files under data directory
 - 3) Run pg_basebackup to clone the standby instance
Pg_basebackup -h <master ip> -U repuser -p 5432 -D \$PGDATA -Fp -Xs -P -R -C -S pgstandby
- h =host
- U = user
- p = Port
- D = data directory
- F = format (plain or tar)
- p = plain
- X = wal method (none || fetch || stream)
- s = stream
- P = Progress
- R = write configuration for replication.
- C = Creation of replication slot named by the -S option
- S = name of the replication slot.
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- 4) Start standby