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

1. Create user repuser with replication encrypted password ‘abc’;
2. Modify pg\_hba.conf and specify the ip address of the both master and standby with md5 method
3. 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.

1. Start standby