

Standby Server Replication - PostgreSQL 9.1

Prepare STANDBY Server

- Set up a standby server with postgresql (same version as in the master server) installed, as described in [Deployment](#)
- Stop postgresql in the standby server

```
service postgresql stop
```

On MASTER Server

- Edit *pg_hba.conf*, adding the following entry

```
host all all <IP_OF_STANDBY_SERVER> <NETMASK_OF_STANDBY_SERVER> trust
```

- Edit *postgresql.conf*, changing the following parameters

```
listen_addresses = '*'
hot_standby = on
max_wal_senders = 1
wal_level = 'hot_standby'
archive_mode = on
archive_command = 'cd .'
wal_keep_segments = 1000
```

- Restart server and generate,copy SSH key and back up to the standby server, using following commands:

```
service postgresql restart
ssh-keygen
ssh-copy-id <IP_OF_STANDBY_SERVER>
BACKUP_LABEL="base-backup"
PORT="5432"
PGDATA="/var/lib/pgsql/data"

psql -p $PORT -c "select pg_start_backup('$BACKUP_LABEL');"
rsync -cva --inplace --exclude=*pg_xlog* $PGDATA/
<IP_OF_STANDBY_SERVER>:$PGDATA/
psql -p $PORT -c "select pg_stop_backup();"
```

On STANDBY Server

- Create file *recovery.conf* in folder */var/lib/pgsql/data* containing

```
standby_mode = 'on'
primary_conninfo = 'host=<IP_OF_MASTER_SERVER> user=postgres'
```

```
trigger_file = '/tmp/postgresql.trigger.$PORT'
```

- Start postgresql using

```
service postgresql start
```

- Check for errors in the log files using

```
cat /var/lib/pgsql/data/pg_log/*
```

From:

<http://wiki.dreamapps.com/wiki/> - **DreamApps Wiki**

Permanent link:

<http://wiki.dreamapps.com/wiki/doku.php?id=replication:start>

Last update: **2013/02/14 19:28**

