PostgreSQL _____ -

PostgreSQL _____ 3 _____ .

- SQL
-
-

SQL	pg_dump, pg_dumpall

pg_restore, psql | AgensGraph | , ,

(32 64) | |
| (PITR) | pg_basebackup wal

tar wal | AgensGraph

AgensGraph | | |
| | tar | AgensGraph | | |

SQL

_____ PostgreSQL _____ PostgreSQL
. _____ pg_dump, pg_dumpall, pg_restore, psql _____ , 4
.

pg_dump		, ,	role tablespace
pg_dumpall		role tablespace	
pg_restore		pg_dump	pg_dumpall
psql		pg_dump, pg_dumpall	

4   .

1. pg_dump   → psql
2. pg_dump   → pg_restore
3. pg_dumpall   → psql

1.

2   port   .   graph_dump
                              . pg_dump   agens   .
              PostgreSQL   pg_dump
     .   agens   ,
                              .

```
1.PostgreSQL     1
$ pg_ctl -D /path/to/server1/data start

2.
$ pg_dump dump > dump.backup

3.PostgreSQL     2
$ pg_ctl -D /path/to/server2/data start

4.
$ createdb -p 5433 dump

5.
$ psql -p 5433 dump < dump.backup

6.
$ psql -p 5433 dump
```

2.   2   port   .
pg_c_dump   . pg_dump   pg_restore
                              PostgreSQL   pg_dump
                    .   -Fc
       .   psql   , pg_restore
              .   .

```
1.PostgreSQL     1
$ pg_ctl -D /path/to/server1/data start

2.
$ pg_dump -Fc pg_c_dump > pg_c_dump.backup

3.PostgreSQL     2
$ pg_ctl -D /path/to/server2/data start

4.
$ createdb -p 5433 pg_c_dump
```

```
5.
$ pg_restore -p 5433 -d pg_c_dump pg_c_dump.backup

6.
$ psql -p5433 pg_c_dump
```

3.   2   port   .
                                        .   pg_dumpall
      . pg_dumpall   psql   .
PostgreSQL   pg_dumpall   .
          psql   ,
        .   ,   postgres   .
pg_dumpall
https://www.postgresql.org/docs/current/static/app-pg-dumpall.html   .

```
1.PostgreSQL      1
$ pg_ctl -D /path/to/server1/data start

2.
$ pg_dumpall > pg_dumpall.backup

3.PostgreSQL      2
$ pg_ctl -D /path/to/server2/data start

5.
$ psql -p 5433 -f pg_dumpall.backup postgres

6.
$ psql -p 5433 pg_dumpall
```

                                                              .   pg_backup
                              .   tar   .
              data   tar   . tar   c
                    , f   .   tar
                              pg_ctl   .   -C
                            .   700
                    -m   ,
      -p   .

```
1.PostgreSQL
$ pg_ctl -D /path/to/server/data stop

2.
$ cd /path/to/server/data
$ tar cf backup.tar *
```

```
3.
$ mkdir -m 700 -p /path/to/server/backup/data
$ tar xf backup.tar -C /path/to/server/backup/data

4.PostgreSQL
$ pg_ctl -D /path/to/server/backup/data start

5.
$ psql pg_backup
```

pg_basebackup   ,   pg_wal   (PG 9.x
   pg_xlog   PG 10   pg_wal   )   WAL(Write
Ahead Log)   .

pg_wal   wals   WAL
     ,   WAL   .   .

- WAL   backup_wal   (1   )   .
  postgresql.conf   .

```
wal_level = archive
archive_mode = on
archive_command = 'cp %p /home/bylee/test/backup/wals/%f'
archive_timeout = 1min
```

- pg_basebackup   data   .

```
pg_basebackup -D  /home/bylee/test/data
```

- recovery.conf   data   , restore_command   WAL
          .

_____
_____.

                    (   )

```
restore_command = 'cp /home/bylee/test/backup/wals/%f %p'
```

( )

```
restore_command = 'cp /home/bylee/test/backup/wals/%f %p'
recovery_target_time = '2018-05-09 13:50:00'
```

- .
- recovery.conf recovery.done .

:

https://www.postgresql.org/docs/current/static/recovery-target-settings.html

tar . pg_wal
WAL , data pg_wal WAL
.

2 , 3.1 .
.

- WAL backup_wal (1) .
- postgresql.conf .

```
wal_level = archive
archive_mode = on
archive_command = 'cp %p /home/bylee/test/backup/wals/%f'
archive_timeout = 1min
```

- tar data . data pg_wal .

```
cd /path/to/data
tar cf backup.tar *
tar xf backup.tar /path/to/new/data
```

- recovery.conf /path/to/new/data , restore_command
  WAL .
  .

```
restore_command = 'cp /home/bylee/test/backup/wals/%f %p'
```

Last
update:
2023/01/30
11:32

postgresql_
배업_및_복구_-_명령어_사용

https://atl.kr/dokuwiki/doku.php/postgresql_%EB%B0%B1%EC%97%85_%EB%B0%8F_%EB%B3%B5%EA%B5%AC_-_%EB%AA%85%EB%A0%B9%EC%96%B4_%EC%82%AC%EC%9A%A9

```
restore_command = 'cp /home/bylee/test/backup/wals/%f %p'
recovery_target_time = '2018-05-09 13:50:00'
```

- .

  recovery.conf   recovery.done   .
  : https://www.postgresql.org/docs/current/static/recovery-target-settings.html

- https://bylee5.tistory.com/73