

PostgreSQL	-	.....	3
SQL	.....	.....	3
		.....	5
가	.....	.....	6
가	.....	.....	7
	.....	.....	8

Last postgresql_
update:
2023/01/30 - - https://atl.kr/dokuwiki/doku.php/postgresql_%EB%80%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
11:32 -

PostgreSQL

PostgreSQL

3가

- SQL
 -
 -

SQL	pg_dump, pg_dumpall pg_restore, psql	AgensGraph 가 가 가 가)	가 64 (32	가 가
(PITR)	pg_basebackup wal tar wal	AgensGraph 가 가 AgensGraph 가 가	가 가	가 가
	tar	AgensGraph 가 가		가

SQL

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

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

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4가

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

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          가
pg_ctl      .tar      .tar      .tar
-700
-p          -m      ,         가
-4          -C
```

```
1. PostgreSQL  
$ pg_ctl -D /path/to/server/data stop  
  
2.  
$ cd /path/to/server/data  
$ tar cf backup.tar *
```

```
Last      postgresql_
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2023/01/30  _-_
11:32  _-
```

```
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
```

가 가 가

가

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

pg_wal pg_wal WAL
,

- WAL backup_wal postgresql.conf (1)

```
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'
```

- 가 recovery.conf recovery.done

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

가

tar				pg_wal
WAL				WAL
가				

2가 , 3.1

- WAL backup_wal (1)
- postgresql.conf 가

```
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'
```

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

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가 recovery.conf recovery.done

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

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

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