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PostgreSQL

PostgreSQL pg_hba.conf PostgreSQL
 . "HBA" "Host-Based Authentication"

1.

- () 가 (IP ,)
- 가 (,)
- 가 PostgreSQL
- 가

2. ()

pg_hba.conf ()

```
local DATABASE USER METHOD [OPTIONS]
host DATABASE USER ADDRESS METHOD [OPTIONS]
hostssl DATABASE USER ADDRESS METHOD [OPTIONS]
hostnossal DATABASE USER ADDRESS METHOD [OPTIONS]
hostgssenc DATABASE USER ADDRESS METHOD [OPTIONS] (PostgreSQL 12 가)
hostnogssenc DATABASE USER ADDRESS METHOD [OPTIONS] (PostgreSQL 12 가)
```

3.

3.1. : (Connection Type)

가

- local: ADDRESS 가
- host: TCP/IP SSL TCP/IP SSL
- hostssl: SSL TCP/IP SSL (postgresql.conf ssl = on). 가
- hostnossal: SSL TCP/IP
- hostgssenc: GSSAPI TCP/IP (PostgreSQL 12) GSSAPI Kerberos
- hostnogssenc: GSSAPI TCP/IP (PostgreSQL 12)

3.2. DATABASE

- all: . replication
- sameuser: replication
- samerole: 가 (role)
- replication: ()
- : :
- @ : @
- : :
- (: db1, db2, sameuser).

3.3. USER

PostgreSQL

- all:
- : :
- + : () +
- @ : @
- : , ,

3.4. ADDRESS ("local")

- ()
- :) myclient.example.com
- :) .example.com
- foo.example.com bar.example.com
- IP CIDR :) 192.168.1.0/24 (IPv4), 2001:db8::/32 (IPv6). CIDR (IPv4: 0-32, IPv6: 0-128).
- IP : pg_hba.conf
ADDRESS CIDR (IP /)
“ ” IP CIDR
“ ” IP CIDR
• samehost: IP).
- samenet: 가

3.5. METHOD

- trust:
- reject:
- md5: 가 MD5
- password: 가 가
- scram-sha-256: SCRAM-SHA-256 . md5
, PostgreSQL 10
- gss: GSSAPI . Kerberos
hostgssenc hostnogssenc
- sspi: SSPI . Windows , Active Directory
- ident: ident . TCP/IP
, pg_ident.conf
- peer: local () 가 ,
- pam: PAM(Pluggable Authentication Modules) /
- ldap: LDAP
- radius: RADIUS
- cert: SSL . hostssl
- : password , md5 scram-sha-256

3.6. [OPTIONS] ()

NAME=VALUE	가	가	METHOD
, ldap	LDAP	, DN	

PostgreSQL “Client Authentication”

4. 가

("") , “all”, “sameuser”, “samerole”, “replication”
“all” (: “all”)

5.

pg_hba.conf :

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- PostgreSQL 가
- SIGHUP
- pg_ctl reload
- SQL SELECT pg_reload_conf();

가

- pg_hba.conf

가 , 가

- —————— 가
, DNS

가 , DNS

IP

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