

PostgreSQL

1.

2. ( )

3.

3.1. : (Connection Type)

3.2. DATABASE

3.3. USER

3.4. ADDRESS ("local")

3.5. METHOD

3.6. [OPTIONS] ( )

4. 가

5.

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# PostgreSQL

PostgreSQL pg\_hba.conf PostgreSQL  
"HBA" "Host-Based Authentication"

1. :  
PostgreSQL

- 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]
hostnossl	DATABASE	USER	ADDRESS	METHOD	[OPTIONS]
hostgssenc	DATABASE	USER	ADDRESS	METHOD	[OPTIONS] (PostgreSQL 12 가)
hostnogssenc	DATABASE	USER	ADDRESS	METHOD	[OPTIONS] (PostgreSQL 12 가)

3. : (Connection Type)

3.1. : (Connection Type)

가

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

## 3.2. DATABASE

- all: , replication replication
- sameuser:
- 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  
가 CIDR  
CIDR  
• samehost: IP ( ,  
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

(`""`) , 가  
 `"all", "sameuser", "samerole", "replication"`  
 . ( : `"all"`  
 all )

## 5.

pg\_hba.conf :

- PostgreSQL 가
- SIGHUP
- pg\_ctl reload
- SQL SELECT pg\_reload\_conf();

가

- pg\_hba.conf

가 , 가

- 가 , DNS
- IP , DNS

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