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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]
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.

3.1. : (Connection Type)

가

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

3.2. DATABASE

- all: replication, 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 /)
가 CIDR
CIDR
• samehost: IP)
• samenet: 가

3.5. METHOD

- trust: 가
 - reject: 가
 - 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 PostgreSQL	LDAP , DN	
		"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 , DNS
 - 가 , DNS
- IP

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