On Master Node

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version: "3.5"

services:

postgressql-master:

image: 'bitnami/postgresql:12'

container\_name: postgressql-master

ports:

- '5432:5432'

volumes:

- /home/digicash/pg-master/DATABASE/data:/bitnami/postgresql

- /home/digicash/pg-master/DATABASE/postgresconfig/:/bitnami/postgresql/conf/

- /home/digicash/pg-master/DATABASE/app/DBbackup/DBbackupfile/:/DATABASE/app/DBbackup/DBbackupfile/

environment:

- POSTGRESQL\_REPLICATION\_MODE=master

- POSTGRESQL\_REPLICATION\_USER=repl\_bms

- POSTGRESQL\_REPLICATION\_PASSWORD=Redt\_MF5\_Upa9

- POSTGRESQL\_USERNAME=postgres

- POSTGRESQL\_PASSWORD=Redt\_MF5\_Upa9

- POSTGRES\_MULTIPLE\_DATABASES=BMS\_NEW, dpay

- POSTGRESQL\_DATABASE=postgres

- POSTGRESQL\_TIMEZONE=GMT+2

- POSTGRESQL\_LOG\_TIMEZONE=GMT+2

If this error coming ( mkdir: cannot create directory ‘/bitnami/postgresql/data’: Permission denied ) then we have to chnage the permission of Local host volume mount directory "DATABASE". In this path /home/digicash/pg-master/DATABASE. we have run below two command

#sudo chmod 777 DATABASE

#sudo chown -R 1001:1001 DATABASE

on Slave Node

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version: "3.8"

services:

postgresql-slave:

image: bitnami/postgresql:12

container\_name: postgresql-slave

restart: on-failure

ports:

- '5432:5432'

volumes:

- /home/digicash/pg-slave/DATABASE:/app

- /home/digicash/pg-slave/DATABASE/data:/bitnami/postgresql

- /home/digicash/pg-slave/DATABASE/postgresconfig/:/bitnami/postgresql/conf/

environment:

- POSTGRESQL\_REPLICATION\_MODE=slave

- POSTGRESQL\_REPLICATION\_USER=repl\_bms

- POSTGRESQL\_REPLICATION\_PASSWORD=Redt\_MF5\_Upa9

- POSTGRESQL\_MASTER\_HOST=192.168.90.179

- POSTGRESQL\_PASSWORD=Redt\_MF5\_Upa9

- POSTGRESQL\_MASTER\_PORT\_NUMBER=5444

- ALLOW\_EMPTY\_PASSWORD=yes

- POSTGRESQL\_TIMEZONE=GMT+2

- POSTGRESQL\_LOG\_TIMEZONE=GMT+2

If this error coming ( mkdir: cannot create directory ‘/bitnami/postgresql/data’: Permission denied ) then we have to chnage the permission of Local host volume mount directory "DATABASE". In this path /home/digicash/pg-master/DATABASE. we have run below two command

#sudo chmod 777 DATABASE

#sudo chown -R 1001:1001 DATABASE

Postgres-master-slave-cluster.txt

Displaying Postgres-master-slave-cluster.txt.