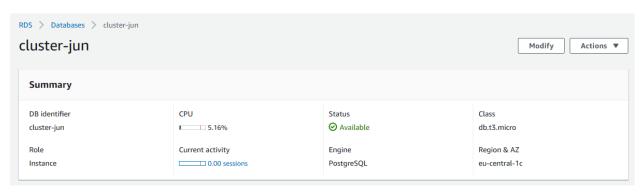
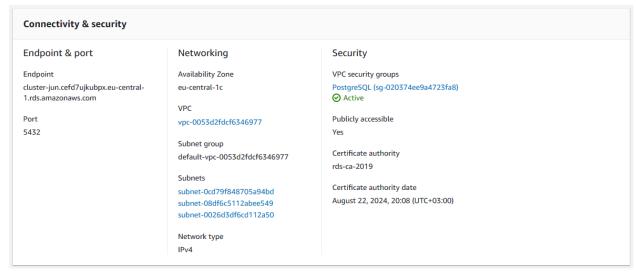
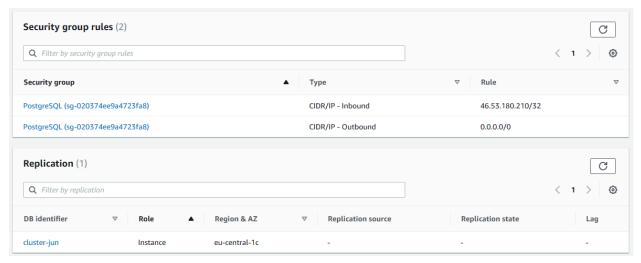
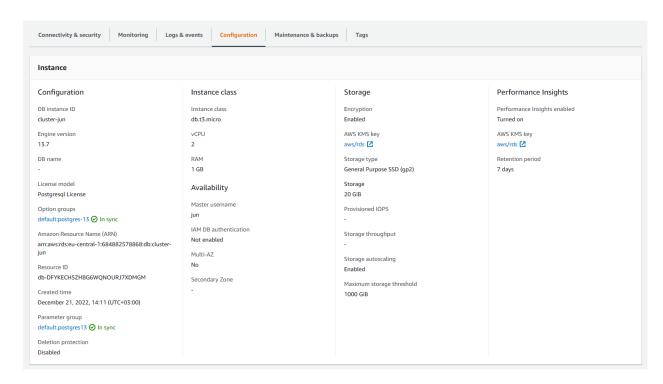
Создал кластер баз данных cluster-jun

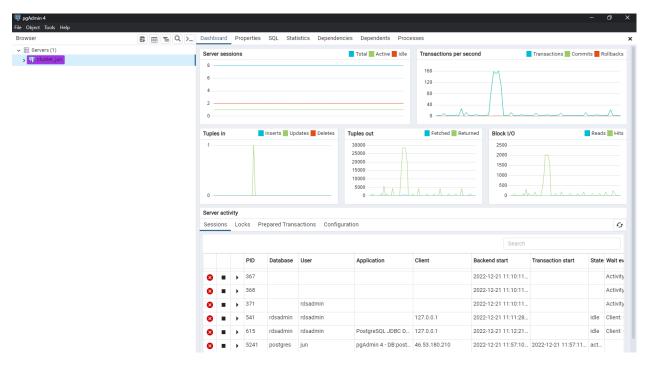




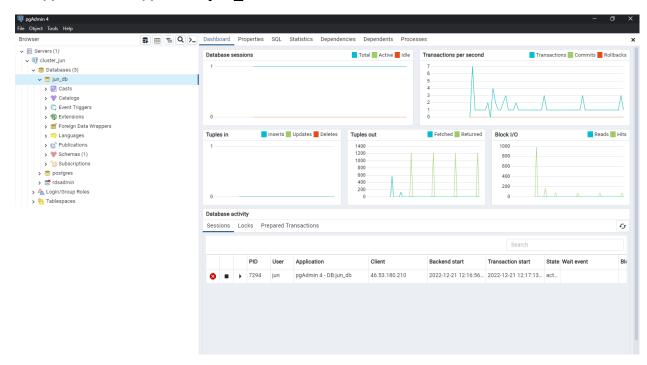




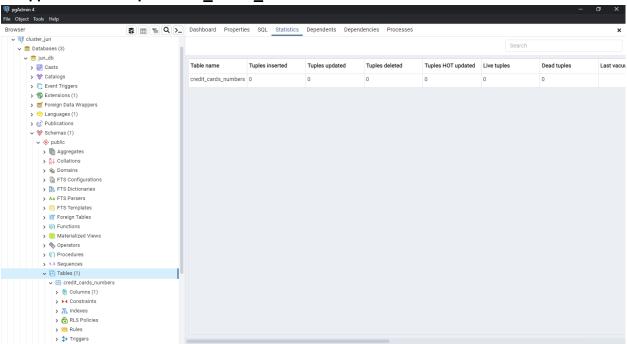
Подключился к кластеру баз данных с помощью pgAdmin 4



Создание базы данных jun_db



Создание таблицы credit_cards_numbers



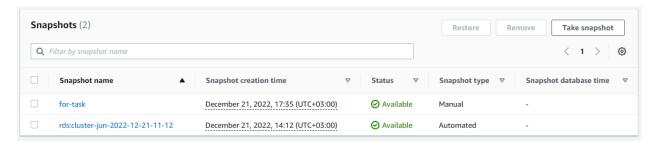
Подключение к кластеру баз данных с помощью командной строки терминала Linux через терминальный клиент psql

```
root@ubuntu:~# psql –h cluster–jun.cefd7ujkubpx.eu–central–1.rds.amazonaws.com –U jun –d postgres
Password for user jun:
psql (14.5 (Ubuntu 14.5–OubuntuO.22.04.1), server 13.7)
SSL connection (protocol: TLSv1.2, cipher: ECDHE–RSA–AES256–GCM–SHA384, bits: 256, compression: off)
Type "help" for help.
postgres=> \1
                                       List of databases
                         | Encoding |
   Name
             Owner
                                          Collate
                                                           Ctype
                                                                          Access privileges
 jun_db
                                        en_US.UTF-8
                                                        en_US.UTF-8
                           UTF8
                                        en_US.UTF-8
                                                        en_US.UTF-8
 postgres
               jun
 rdsadmin
               rdsadmin
                           UTF8
                                        en_US.UTF-8
                                                        en_US.UTF-8
                                                                        rdsadmin=CTc/rdsadmin+
                                                                        rdstopmgr=Tc/rdsadmin
 template0
               rdsadmin
                           UTF8
                                        en_US.UTF-8
                                                        en_US.UTF-8
                                                                        =c/rdsadmin
                                                                        rdsadmin=CTc/rdsadmin
                           UTF8
                                        en_US.UTF-8
                                                        en_US.UTF-8
 template1
                                                                        =c/jun
                                                                        jun=CTc/jun
(5 rows)
postgres=> \q
root@ubuntu:~# _
```

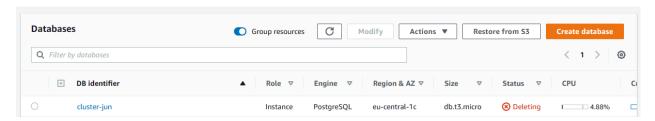
Проверка наличия созданной таблицы credit_cards_numbers

```
oot@ubuntu:~# psql –h cluster-jun.cefd7ujkubpx.eu–central–1.rds.amazonaws.com –U jun –d jun_db
Password for user jun:
psql (14.5 (Ubuntu 14.5–Oubuntu0.22.04.1), server 13.7)
SSL connection (protocol: TLSv1.2, cipher: ECDHE–RSA–AES256–GCM–SHA384, bits: 256, compression: off)
Type "help" for help.
jun_db=> \1
                                       List of databases
                         | Encoding |
   Name
               Owner
                                          Collate
                                                           Ctype
                                                                           Access privileges
 jun_db
                           UTF8
                                        en_US.UTF-8
                                                        en_US.UTF-8
                                                        en_US.UTF-8
en_US.UTF-8
 postgres
               jun
                           UTF8
                                        en_US.UTF-8
                           UTF8
                                        en_US.UTF-8
 rdsadmin
               rdsadmin
                                                                        rdsadmin=CTc/rdsadmin+
                                                                        rdstopmgr=Tc/rdsadmin
 template0
               rdsadmin
                           UTF8
                                        en_US.UTF-8
                                                        en_US.UTF-8
                                                                        =c/rdsadmin
                                                                        rdsadmin=CTc/rdsadmin
 template1
                           UTF8
                                        en_US.UTF-8
                                                        en_US.UTF-8
                                                                         =c/jun
                                                                        jun=CTc/jun
(5 rows)
jun_db=> \dt
                 List of relations
 Schema |
                                      Type | Owner
                    Name
 public | credit_cards_numbers | table | jun
(1 row)
jun_db=> \q
root@ubuntu:~#
```

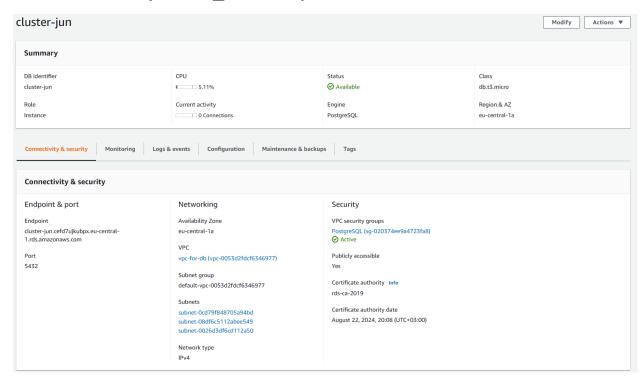
Создал snapshot



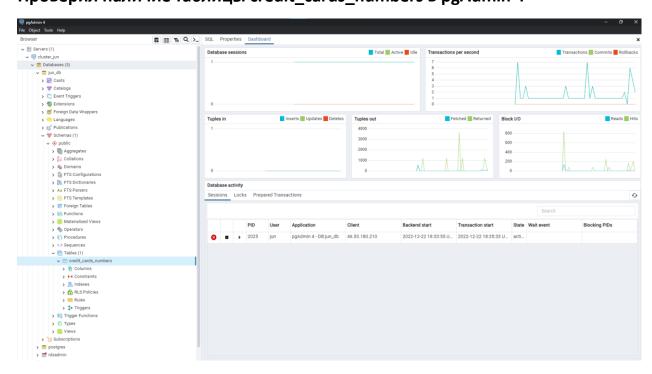
Удалил базу cluster_jun



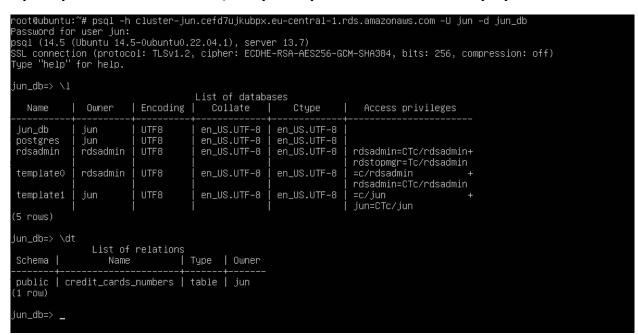
Восстановил базу cluster_jun из snapshot'a



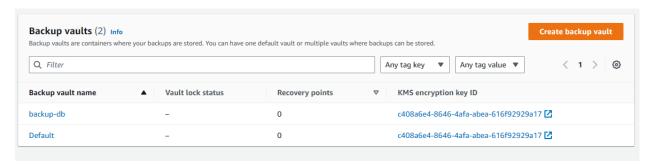
Проверил наличие таблицы credit_cards_numbers в pgAdmin 4



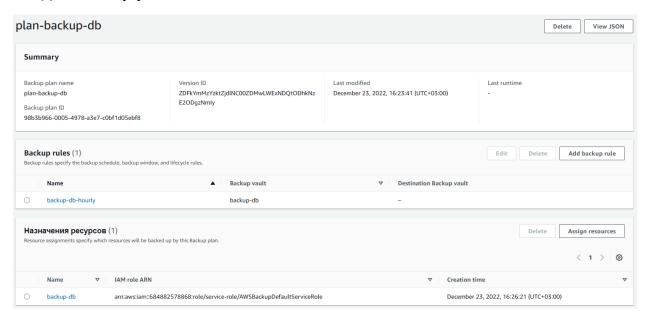
Проверил наличие таблицы через терминальный клиент psql



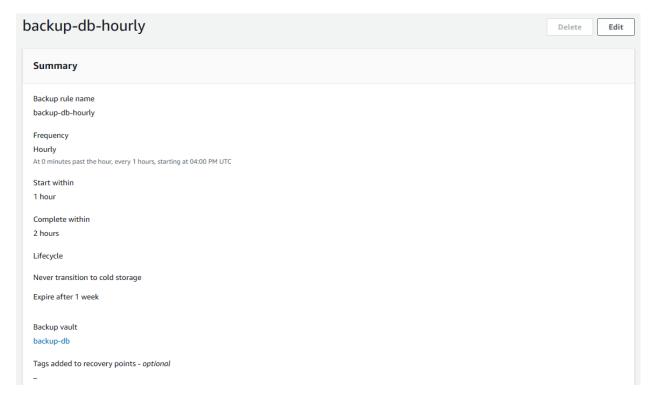
Создал Backup vaults для хранения бэкапов бд



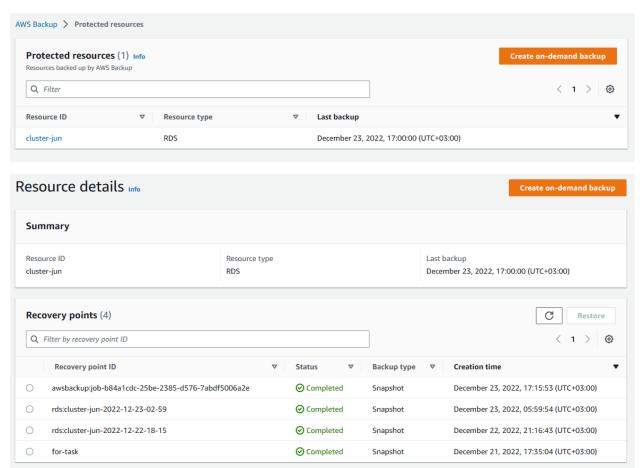
Создал Backup plan



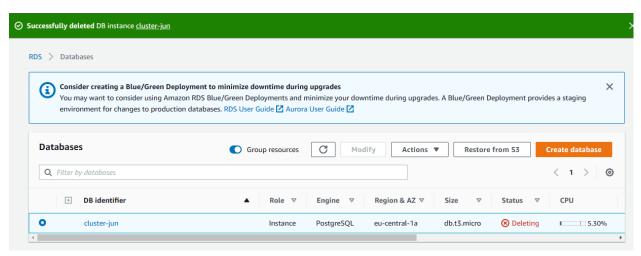
Backup rule



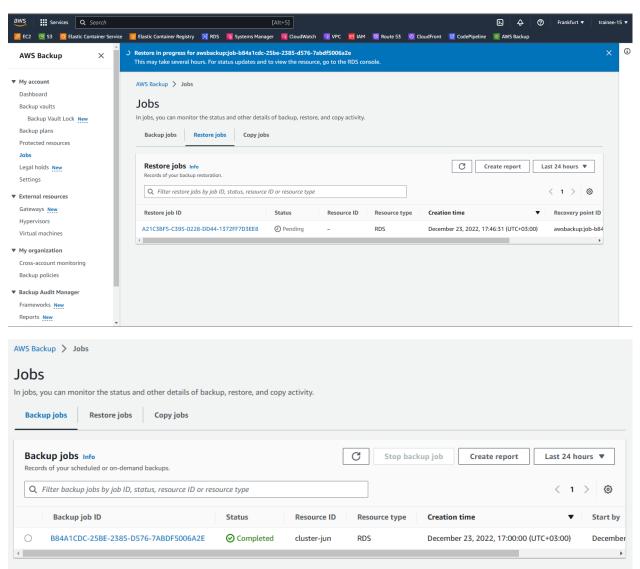
Появился backup



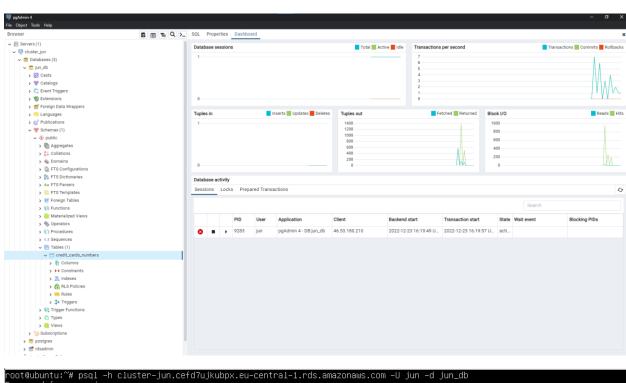
Удалил БД cluster_jun



Восстановил бэкап из AWS Backup



Проверка:



```
oot@ubuntu:~# psql –h cluster–jun.cefd7ujkubpx.eu–central–1.rds.amazonaws.com –U jun –d jun_db
rootedbantu: # psq1 -n cluster-jun.ceta/ajkaapx.eu-central-1.ras.amazonaws.com -o jun -o jun_do
Password for user jun:
psql (14.5 (Ubuntu 14.5–Oubuntu0.22.04.1), server 13.7)
SSL connection (protocol: TLSv1.2, cipher: ECDHE–RSA–AES256–GCM–SHA384, bits: 256, compression: off)
Type "help" for help.
jun_db=> /l
jun_db-> \l
                                                   List of databases
                | Owner
                                                                                                   Access privileges
   Name
                                                     en_US.UTF-8
en_US.UTF-8
en_US.UTF-8
                                                                           en_US.UTF-8
en_US.UTF-8
en_US.UTF-8
 jun_db
 postgres
rdsadmin
                   iun
                                    UTF8
                   rdsadmin
                                                                                                 rdsadmin=CTc/rdsadmin+
                                                                                                rdstopmgr=Tc/rdsadmin
=c/rdsadmin +
 template0
                   rdsadmin
                                    UTF8
                                                     en_US.UTF-8
                                                                           en_US.UTF-8
                                                                                                rdsadmin=CTc/rdsadmin
=c/jun +
jun=CTc/jun
                                                                           en_US.UTF-8
                                                     en_US.UTF-8
 template1
 iun_db-> \dt
                      List of relations
Name | Type | Owner
 Schema |
 public | credit_cards_numbers | table | jun
 iun_db-> _
```