

Проверка

```
kapelan@HP-PC:~/GeekBrains/geekbrains-containerization/4.resources-and-persistence$ ./run.sh
namespace/lesson4 created
secret/postgres-secret created
NAME          TYPE      DATA      AGE
postgres-secret  Opaque    1          0s
persistentvolume/postgresql-volume created
persistentvolumeclaim/postgres-pvc created
NAME          CAPACITY  ACCESS MODES  RECLAIM POLICY  STATUS  CLAIM          STORAGECLASS  REASON  AGE
postgresql-volume  10Gi      RWO           Retain          Bound   lesson4/postgres-pvc  manual    1s
NAME          STATUS  VOLUME          CAPACITY  ACCESS MODES  STORAGECLASS  AGE
postgres-pvc  Bound   postgresql-volume  10Gi      RWO           manual        0s
deployment.apps/postgres created
NAME          READY    STATUS    RESTARTS   AGE   IP              NODE                                     NOMINATED NODE  READINESS GATES
postgres-5ff9fbc9d5-v6s84  1/1     Running   0          5s   10.100.21.11   kubernetes-cluster-bpd-default-group-1  <none>          <none>
```

```
kapelan@HP-PC:~/GeekBrains/geekbrains-containerization/4.resources-and-persistence$ kubectl run -t -i --rm --image postgres:10.13 test bash
If you don't see a command prompt, try pressing enter.
root@test:/#
```

```
kapelan@HP-PC:~/GeekBrains/geekbrains-containerization/4.resources-and-persistence$ kubectl run -t -i --rm --image postgres:10.13 test bash
If you don't see a command prompt, try pressing enter.
root@test:/# psql -h 10.100.21.11 -U testuser testdatabase
Password for user testuser:
psql (10.13 (Debian 10.13-1.pgdg90+1))
Type "help" for help.

testdatabase=#
```

```
testdatabase=# \dt
Did not find any relations.
testdatabase=# CREATE TABLE testtable (testcolumn VARCHAR (50) );
CREATE TABLE
testdatabase=# \dt
      List of relations
Schema | Name      | Type  | Owner
-----+-----+-----+-----
public | testtable | table | testuser
(1 row)
```

```
kapelan@HP-PC:~/GeekBrains/geekbrains-containerization/4.resources-and-persistence$ kubectl delete po postgres-5ff9fbc9d5-v6s84 -n lesson4
pod "postgres-5ff9fbc9d5-v6s84" deleted
kapelan@HP-PC:~/GeekBrains/geekbrains-containerization/4.resources-and-persistence$ kubectl get pod -o wide -n lesson4
NAME          READY    STATUS    RESTARTS   AGE   IP              NODE                                     NOMINATED NODE  READINESS GATES
postgres-5ff9fbc9d5-wmbpv  1/1     Running   0          27s   10.100.184.142   kubernetes-cluster-bpd-default-group-0  <none>          <none>
```

```
kapelan@HP-PC:~/GeekBrains/geekbrains-containerization/4.resources-and-persistence$ kubectl run -t -i --rm --image postgres:10.13 test bash
If you don't see a command prompt, try pressing enter.
root@test:/# psql -h 10.100.184.142 -U testuser testdatabase
Password for user testuser:
psql (10.13 (Debian 10.13-1.pgdg90+1))
Type "help" for help.

testdatabase=# \dt
      List of relations
Schema | Name      | Type  | Owner
-----+-----+-----+-----
public | testtable | table | testuser
(1 row)

testdatabase=#
```