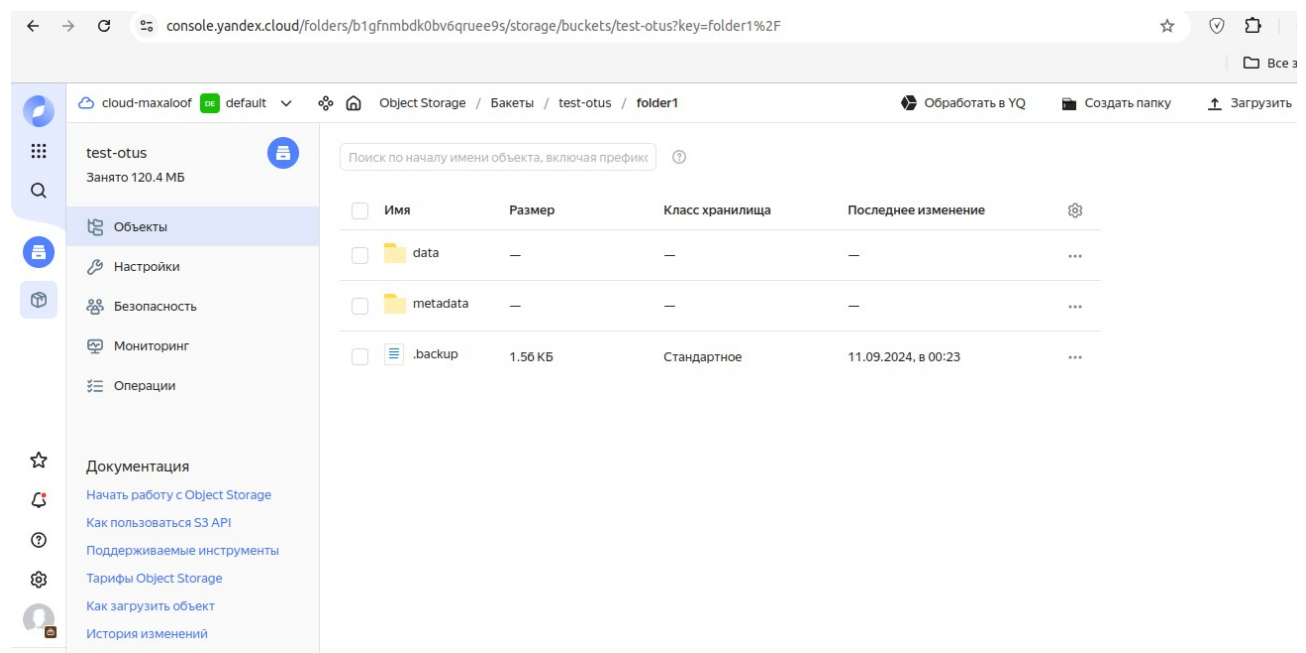


```
envy :) BACKUP TABLE trips_demo TO S3('https://storage.yandexcloud.net/test-otus/folder1',
BACKUP TABLE trips_demo TO S3('https://storage.yandexcloud.net/test-otus/folder1', 'YCAJEjy
Query id: 9c19f35b-09e3-4b91-a331-61b724e4d986

1. | id | status |
   |---|---|
   | b6382e4f-42b8-4578-9ad9-03a1e8a919b9 | BACKUP_CREATED |

1 row in set. Elapsed: 1.078 sec.

envy :)
```



```
envy :) truncate table trips_demo

TRUNCATE TABLE trips_demo

Query id: 411035f4-236b-42ec-99d3-27f5446fb3cb

Ok.

0 rows in set. Elapsed: 0.005 sec.

envy :)
```

```
envy :) RESTORE TABLE trips_demo AS trips_demo FROM S3('https://storage.yandexcloud.net/test-otus/fo
0pLCBDFVp')

RESTORE TABLE trips_demo FROM S3('https://storage.yandexcloud.net/test-otus/folder1', 'YCAJEjy33UzUS

Query id: 49350895-928f-471a-82b1-dba6287d19e2

1. 

| id                                   | status   |
|--------------------------------------|----------|
| 8dc4a3ff-db46-4528-80f8-60ab9dbcc0ee | RESTORED |



1 row in set. Elapsed: 0.937 sec.

envy :) 
```

```
RESTORE TABLE trips_demo FROM S3('https://sto

Query id: 49350895-928f-471a-82b1-dba6287d19e

1. 

| id                                   | S |
|--------------------------------------|---|
| 8dc4a3ff-db46-4528-80f8-60ab9dbcc0ee | R |



1 row in set. Elapsed: 0.937 sec.

envy :) select count() from trips_demo

SELECT count()
FROM trips_demo

Query id: 6dd74cfb-69c8-4cce-a71e-168a312b363

1. 

| count() |
|---------|
| 1000    |



1 row in set. Elapsed: 0.004 sec.

envy :) 
```

Добавлял файл storage.xml в директорию config.d

```
root@envy: /etc/clickhouse-server/config.d
Файл  Правка  Вид  Поиск  Терминал  Помощь
GNU nano 6.2                                     storage.xml *
<clickhouse>
  <storage_configuration>
    <disks>
      <s3_plain>
        <type>s3_plain</type>
        <endpoint>https://storage.yandexcloud.net/test-otus</endpoint>
        <access_key_id></access_key_id>
        <secret_access_key>secret_access_key</secret_access_key>
      </s3_plain>
    </disks>
    <policies>
      <s3>
        <volumes>
          <main>
            <disk>s3_plain</disk>
          </main>
        </volumes>
      </s3>
    </policies>
  </storage_configuration>

  <backups>
    <allowed_disk>s3_plain</allowed_disk>
  </backups>
</clickhouse>
```

Ключи заполнены из запроса

BACKUP TABLE trips TO S3(<https://storage.yandexcloud.net/test-otus/> ..... который отработал.

После этого клик не запускается

```
root@envy:/etc/clickhouse-server/config.d# service clickhouse-server restart
Job for clickhouse-server.service failed because the service did not take the steps required by its unit configuration.
See "systemctl status clickhouse-server.service" and "journalctl -xeu clickhouse-server.service" for details.
root@envy:/etc/clickhouse-server/config.d#
```

Пример брал отсюда

<https://clickhouse.com/docs/en/operations/backup>