



Replication Factor (RF) = 3

4 classes:  A  B
 C  D

The replication factor allows copying the same data to multiple nodes

How to change the replication factor in Cassandra?

```
ALTER KEYSPACE "user_transaction" WITH REPLICATION
= {'class': 'SimpleStrategy', 'replication_factor': 2};
```

You can check via the following command

```
DESCRIBE KEYSPACE user_transaction;
```

```
|cqlsh:user_transaction> DESCRIBE KEYSPACE user_transaction;
CREATE KEYSPACE user_transaction WITH replication = {'class': 'SimpleStrategy', 'replication_factor': '1'} AND durable_writes = true;

CREATE TABLE user_transaction.city_and_transaction_id (
    transaction_id bigint,
    city text,
    PRIMARY KEY (transaction_id, city)
) WITH CLUSTERING ORDER BY (city ASC)
```