

There are three types of replication strategy

1. SimpleStrategy
2. LocalStrategy
3. NetworkTopologyStrategy

1. SimpleStrategy:

A simple strategy is recommended for multiple nodes over multiple racks in a **single data centre**.

2. LocalStrategy:

It is the strategy in which we will use a replication strategy for internal purposes such that is used for system and sys_auth keyspaces are internal keyspaces. In Cassandra, internal keyspaces are implicitly handled by Cassandra's storage architecture for managing authorisation and authentication.

3. NetworkTopologyStrategy:

It is the strategy in which we can store multiple copies of data in different data centres as per need. This is one important reason to use NetworkTopologyStrategy when multiple replica nodes need to be placed on different data centres.