

Section 2: Cassandra Distributed Architecture

Now that you are done with the videos of section 2, let's assess your learning. Here, are a few questions; followed by 4 options, out of which 1 is the correct option. Select the right option and validate your learning! The answers are provided in a separate sheet

Q1. How does Cassandra distribute traffic evenly?

- a. It uses consistent hashing with vnodes
- b. It uses only consistent hashing
- c. It uses vnodes

Q2. When we have a cluster of 5 nodes, how many replicas do we need to achieve quorum?

- a. 1
- b. 2
- c. 3
- d. 4

Q3. Cassandra is:

- a. AP
- b. CA
- c. CP

Q4. Gossip is a protocol to

- a. Exchange state between nodes
- b. Signalize the fact that nodes leave a cluster
- c. Achieve partitioning
- d. Achieve rebalancing

Q5. Cassandra Nodes are rack aware.

- a. True
- b. False

Q6. Cassandra database employs eventual consistency.

- a. True
- b. False