

Quiz 9

- Due Apr 8 at 10:10am
- Points 1
- Questions 4
- Available after Apr 8 at 10am
- Time Limit 10 Minutes

This quiz is no longer available as the course has been concluded.

Attempt History

	Attempt	Time	Score
LATEST	Attempt 1	9 minutes	0.75 out of 1

Score for this quiz: 0.75 out of 1

Submitted Apr 8 at 10:12am

This attempt took 9 minutes.

Wrong answer



Question 1

0 / 0.25 pts

Which one of the following architectures will result in the fastest writes?

- ☐ Single leader replication
- ☒ Leaderless replication

Leaderless replication relies on quorum on writes which makes writes theoretically slower than single leader replication.

Correct answer



Question 2

0.25 / 0.25 pts

A user just commented on a post. On refresh, they saw the comment then it disappeared then it appeared again.

What could be the causes given that the backend uses "Single Leader Replication"?

SELECT ALL THAT APPLY.

- ☒ Replicas user read from had not caught up yet
- ☒ Application code accidentally wrote to a replica
- ☐ All reads were from the leader



Question 3

0.25 / 0.25 pts

How many replicas should a client read from in a leaderless database with 15 servers.

Correct answer depends on your answer for question 4.

Your Answer:

8



Question 4

0.25 / 0.25 pts

How many replicas should a client write to in a leaderless database with 15 servers.

Correct answer depends on your answer for question 3.

Your Answer:

8

Quiz Score: 0.75 out of 1