



Course Overview



View Discussion

Chapter 2: User-Facing Backend

Ticket: Durable Writes

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Correct answers:

`WriteConcern.W2` and `WriteConcern.MAJORITY`

In a 3-node replica set, these two write concerns will both wait until 2 nodes have applied a write. This is because 2 out of 3 nodes is a majority, and waiting for 2 nodes to apply a write is **more durable** than only waiting for 1 node to apply it.

Incorrect answers:

`WriteConcern.W1`

This is already the default write concern in MongoDB, so it does not represent a higher durability than the default.

`WriteConcern.UNACKNOWLEDGED`

This will not wait for any nodes to apply a write before sending an acknowledgement, so it is a *less durable* write than the default value of `WriteConcern.W1`.

Updated addUser method (using w: majority):

COPY

```
/**
 * @return Success or failure
 */
public boolean addUser(User user) {

    usersCollection.withWriteConcern(WriteConcern.MAJORITY).insertOne
    (user);
    return true;
}
```

Proceed to next section