📖 **Redis streams consumer groups**

Quiz 7 | Redis streams consumer groups

83%

You got 5 out of 6 points.

Submitted on December 30, 5:48 pm CST
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✅ Correct!

1 Which of the following consumer group creation commands will start the group at the end of the stream? Choose one answer:

○ XGROUP CREATE numbers primes 0

○ XGROUP CREATE numbers primes >

✓ ○ XGROUP CREATE numbers primes $

○ XGROUP CREATE numbers primes *

✅ Correct!

2 Suppose a power outage brings down one of your consumers in a group. You don't want to miss any messages, and you require at-least-once delivery. This being the case, when the consumer comes back online to read messages, which ID should it pass to the `XREADGROUP` command on its first read of the stream?
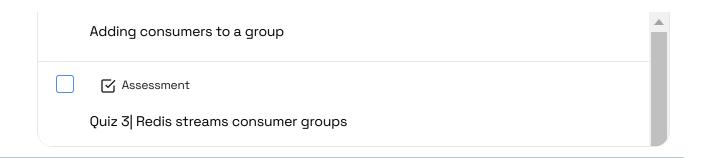
Choose one answer.

○ >

✓ ○ 0

○ $

○ *

✅ Correct!

3 The `XACK` command is used to acknowledge messages. How does this command work internally? Choose one answer.

- ( ) It advances the consumer's last-entry-id pointer

- ( ) It writes the the acknowledged IDs to the ACKed Entries List (AEL)

- ( ) It advances the group's last-delivery-id pointer

✓ ( ) It deletes the acknowledged IDs from the Pending Entries List (PEL)

⊘ Correct!

4 Suppose you want to use consumer groups to consume a stream, but you only require at-most-once delivery semantics. Which commands should you use to achieve this? Choose one answer:

- ( ) A combination of XREADGROUP and XACK

✓ ( ) XREADGROUP with the NOACK option

- ( ) XREADGROUP with NOACK and XACK

- ( ) A combination of XREAD and XACK

⊘ Correct!

5 What does the `XGROUP DESTROY` command do?
Select all that apply.

✓ [✓] It deletes a consumer group.

[ ] It deletes a consumer group and the stream that it belongs to.

✓ [✓] It deletes all consumers associated with a consumer group.

[ ] It resets the position of a consumer group to 0.

⊗ Incorrect

6 Which of the following are reasons for using the `XGROUP SETID` command?
Select all that apply.

✓ ☑ To start consuming a stream at a particular time index, as specified by a stream entry ID

☐ To change the ID of a message in the stream

✓ ☑ To replay a stream from the beginning

✓ ☐ To advance consumption of a stream to the stream's end

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