📖 **Redis streams introduction**

Quiz 6 | Redis streams introduction

83%

You got 5 out of 6 points.

Submitted on December 26, 12:22 pm CST
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✅ Correct!

1   Which of the following are good reasons for using a stream processing system? Pick one or more answers.

- ✔ ☑ Data is continuously generated
- ✔ ☑ The rate at which data is generated may periodically surge
- ✔ ☑ The data set is too big to be stored in its entirety
- ✔ ☑ Meaningful results can be obtained from processing subsets of the data

✅ Correct!

2   A Redis Stream has been created with the key "mystream". What output can we expect to see from running this command in the Redis CLI? [TYPE mystream] Pick one answer.

- ○ hash
- ○ list
- ○ set
- ✔ ○ stream

✅ Correct!

3   Which Redis data type most closely resembles a stream entry? Pick one answer.

✓ ○ hash

○ list

○ set

○ string

✓ Correct!

4 **Which of the following represents the default ID format for entries in a Redis stream? Pick one answer.**

○ <timestamp> (e.g. 1553187397)

✓ ○ <timestamp>-<sequence number> (e.g. 1553187397-1)

○ Auto-incrementing integer (e.g., 1, 2, 3, etc)

○ A GUID (e.g. c20e407b-9072-4020-a3d1-c1cb013ffede)

✓ Correct!

5 **Once an entry has been added to a stream, which one of these operations is still permitted? Pick one answer.**

○ Updating the entry's ID

✓ ○ Deleting the entry from the stream

○ Adding new key/value pairs to the entry's data fields

○ Updating the value associated with a key in the entry's data fields

⊗ Incorrect

6 **Imagine we have created a single Redis stream, which has two consumer groups reading from it. Each group contains two consumer instances. Which of the following statements describes how new entries placed on the stream will be received for processing by our consumers? Pick one answer.**

✗ ○ All consumers in both groups receive each entry

○ All consumers in one of the groups receive each entry

✓ ○ One consumer in each consumer group receives the entry

○ One consumer in one of the consumer groups receives the entry

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