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Redis streams in production

## Quiz 4 | Redis streams in production

100%

You got 3 out of 3 points. Nice!

Submitted on January 02, 3:41 pm CST Graded on January 02, 3:41 pm CST

(V)	Correct
(.)	OULLECT

1 Suppose you're trying to decide whether to use a Redis stream, sorted set, or list.

Memory efficiency is the most important criterion. How do you decide which data structure to use?

Choose **one** answer.

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- Ohoose the sorted set
- Choose the list
- ✓ Generate realistic sample data, add the data to each data structure, and then compare the data structures using the MEMORY USAGE command

## ○ Correct!

2 If a stream's growth is allowed to continue unchecked, what will eventually happen once the Redis Server runs out of memory?

Choose **one** answer.



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<ul> <li>○ Redis will delete the largest existing key in the keyspace</li> <li>✓ ○ Redis will reject subsequent write operations</li> <li>○ Redis will exit with an out-of-memory error</li> <li>ⓒ Correct!</li> <li>③ Which implementation details account for the memory efficiency of Redis streams:         Choose two answers:         <ul> <li>□ The use of a Radix Tree data structure</li> <li>✓ ✓ The use of a Sorted Set data structure</li> <li>□ Compression of repeated message field names</li> <li>✓ ✓ Compression of message payloads using gzip</li> </ul> </li> <li>Modules</li> </ul>	?
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Which implementation details account for the memory efficiency of Redis streams' Choose two answers:  The use of a Radix Tree data structure  The use of a Sorted Set data structure  Compression of repeated message field names  Compression of message payloads using gzip	?
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