Redis Certified Developer

Exam Practice Tests

by

Cristian Scutaru

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About this Book

Who this course is for

- People preparing for the **Redis Certified Developer** exam.

- Developers willing to acquire a certification in most popular key-value store.

- Those looking to pass with minimal risk the **$120** Redis certification exam.

This is not an introduction to Redis, as you should already have some prior basic knowledge on the product. Follow the previous link and use also the Redis recommended materials for this exam.

The live interactive version of this e-book has been implemented on Udemy as a course, with the **Become a Redis Certified Developer: Practice Exams** title.

This book contains two original and high-quality practice tests of 80 questions each, to help you become a Redis Certified Developer. You must pass a required proctored exam, maintained by Redis University, a department of Redis Labs.

- All questions are closely emulated from those currently found in the actual exam, so you'll not waste time on anything else.

- Unlike the real exam, you'll know right away what questions you missed, and what the correct answers are.

- Detailed explanations with external references for any possible choice, in each practice test question.

- Specifics of the real exam:

  - **80 questions**

  - **90 minutes time limit**

  - **72% passing score** (500/700, max 22 questions wrong)

  - **$120 US** per exam trial

- 4 choices per question: most are single-choice, a few with multiple-selections.

- Domains or categories: **General, Keys, Data Structures, Data Modeling, Debugging, Performance**, **Clustering**. The large majority of questions test your knowledge on Data Structures and Data Modeling, through Redis commands.

How you should use these tests

- Try first practice test. And do not worry about any time limit or if you fail. You are expected to fail, this is how you learn...

- Stop the exam anytime, if you're not patient enough to go over all 80 questions.

- The passing score is at 72%. Once you are done, go to the ***Answers and Explanations*** section for your test, and check both the right and wrong choices for each individual question (remember these!).

- Read the detailed **Explanation** for each question. This is something else you don't have at the actual exam...

- Repeat with the second practice test. Don't skip it, as both these tests together cover most types of actual exam questions.

- Repeat these tests again and again, until you score at least 90% on each. And then go for the real deal. *Good luck!*

Practice Test 1

Which features are included in all Redis editions? (check all that apply)

    A) Redis Sentinel
    B) Active-Active
    C) Redis on Flash
    D) Redis Cluster

Which data is directly changed by the execution of the following command? (select one)

```
SET mykey myvalue
```

    A) The key store from the RDB file, if snapshotting is enabled
    B) Data from RAM
    C) Transactions from the AOF journal, when enabled
    D) Data from the virtual memory

Based on its computational complexity, which is the most performant algorithm? (select one)

    A) O(n)
    B) O(n*log(n))
    C) O(log(n))
    D) O(n*n)

How do you interpret the following CLI command: (select one)

```
$ redis-cli --raw incr mycounter
```

    A) This is an inline statement.
    B) This asks Redis commands to display simple output.

C) This executes a different kind of INCR command.

D) This is not a valid CLI command.

Question 5:

What configuration technique allows you to "hide" Redis commands from the CLI tools? (select one)

A) Disable sets of commands.

B) Rename commands.

C) Assume a different role.

D) Limit privileges.

Question 6:

How do you check if a key exists, in the most efficient way? (select one)

A) GET key and check if it is nil

B) EXISTS key

C) parse the returned KEYS collection

D) with SCAN

Question 7:

What is the final value of a? (select one)

```
INCR a
INCR A
DECR a
```

A) nil

B) 0

C) 1

D) 3

Question 8:

You execute an INCR command on a non-existent key.

What will INCR return? (select one)

A) 0

B) 1

C) -1

D) nil

Question 9:

Rename a key, but only if it does not already exist: (select one)

A)

```
RENAME NX key newkey
```

B)

```
RENAMENX key newkey
```

C)

```
RENAME key newkey
```

D)

```
MOVE key newkey
```

Question 10:

What are the Redis modules? (select one)

A) Libraries in different languages, with a standard plugin interface.

B) Dynamic C libraries, loaded and executed within the same process.

C) External add-ons, executed in separate processes.

D) Distributed programs with extended Redis functionality.