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Top Redis Interview Questions and answers

Q1. What is Redis?

Redis is an open-source released under BSD licensed, in-memory data structure store, it can be used as a database, cache and message broker.

Q2. List the data structures supported by Redis.

Redis supports following Data Structures
- Strings
- Hashes
- Lists
- Sets
- Sorted sets with range queries
- bitmaps
- Hyperloglogs
- Geospatial indexes with radius queries

Q3. List some advantages of Redis?

Following are some advantages of Redis

- Exceptionally Faster than others
- Supports for rich data types like Hashes, Sets, bitmaps
- Rich client-side library.
- Support for server-side locking.
- Operations are atomic.

Q4. List some commonly used Redis commands?

Some commonly used Redis commands list

Command Name	Description
APPEND	Append a value to a key
AUTH	Authenticate to the server
BGREWRITEAOF	Asynchronously rewrite the append-only file
BGSAVE	Asynchronously save the dataset to disk

Command Name	Description
BITCOUNT	Count set bits in a string
CLIENT LIST	Get the list of client connections
CLUSTER INFO	Provides info about Redis Cluster node state

Read more from Redis Commands List

Q5. In which language Redis is written?

Redis is NoSql based Key-value Database, which is written in **ANSI C**

Q6. List some Redis Clients supported by PHP?

Below are some Redis Clients supported by PHP Programming Language
- amphp/redis
- cheprasov/php-redis-client
- Credis
- PHP Redis implementation / wrapper
- PHP Sentinel Client
- phpredis

Q7. What is redis-cli.

redis-cli is the Redis command-line interface, a simple program that allows sending commands to Redis, and read the replies sent by the server, directly from the terminal.

Q8. Explain REPL

REPL stands for Read Eval Print Loop. It an interactive mode where the user types commands and get replies.

Q9. List the programming languages supported by Redis?

Redis supports a wide range of programming language. Some major programming languages supported by Redis are PHP, Java, Python, Scala, Perl, Ruby, C#, and C++.

Q10. What is difference between Redis and Memcached?

Q11. Enlist some some operation keys of Redis?

Q12. **What is ZSET in Redis?**

Q13. **What are Redis Hashes?**

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