

Redis Benchmarks - Đo hiệu năng của Redis

Redis benchmark là công cụ để thực hiện đo tốc độ xử lý đồng thời của Redis database.

Cú pháp:

```
redis-benchmark [option] [option value]
```

Ví dụ: Thực hiện đồng thời 100000 lệnh

```
redis-benchmark -n 100000

PING_INLINE: 141043.72 requests per second
PING_BULK: 142857.14 requests per second
SET: 141442.72 requests per second
GET: 145348.83 requests per second
INCR: 137362.64 requests per second
LPUSH: 145348.83 requests per second
LPOP: 146198.83 requests per second
SADD: 146198.83 requests per second
SPOP: 149253.73 requests per second
LPUSH (needed to benchmark LRANGE): 148588.42 requests per second
LRANGE_100 (first 100 elements): 58411.21 requests per second
LRANGE_300 (first 300 elements): 21195.42 requests per second
LRANGE_500 (first 450 elements): 14539.11 requests per second
LRANGE_600 (first 600 elements): 10504.20 requests per second
MSET (10 keys): 93283.58 requests per second
```

Các tham số:

Sr.No	Option	Description	Default Value
1	-h	Specifies server host name	127.0.0.1
2	-p	Specifies server port	6379
3	-s	Specifies server socket	

4	-c	Specifies the number of parallel connections	50
5	-n	Specifies the total number of requests	10000
6	-d	Specifies data size of SET/GET value in bytes	2
7	-k	1=keep alive, 0=reconnect	1
8	-r	Use random keys for SET/GET/INCR, random values for SADD	
9	-p	Pipeline <numreq> requests	1
10	-h	Specifies server host name	
11	-q	Forces Quiet to Redis. Just shows query/sec values	
12	--csv	Output in CSV format	
13	-l	Generates loop, Run the tests forever	
14	-t	Only runs the comma-separated list of tests	
15	-l	Idle mode. Just opens N idle connections and wait	

Ví dụ:

```
redis-benchmark -h 127.0.0.1 -p 6379 -t set,lpush -n 100000 -q
```

SET: 146198.83 requests per second

LPUSH: 145560.41 requests per second

Revision #4

Created 9 October 2019 05:35:19 by Laptrinh.vn

Updated 14 April 2020 17:48:35 by Laptrinh.vn