**Performance test record sheet**

|  |  |
| --- | --- |
| Platform | Virtual box 6.1 |
| Environment | EC2 |
| OS | Linux ubuntu 18.04.4 LTS |
| CPU | i7-4790 @ 3.60GHz |
| Memory | 4G |
| Disk capacity | 50G |

**CPU performance**

Tool : sysbench

Command : sysbench cpu --threads=4 --cpu-max-prime=10000 run

**Memory performance**

Tool : sysbench

Command : sysbench memory --threads=4 --memory-total-size=10G --memory-oper=write --memory-scope=global run

|  |  |
| --- | --- |
| CPU Performance (events per second) | 822.24 |
| Memory performance (transfer speed MB/S) | 2009.71 |

Network performance

Tool : iperf

|  |  |
| --- | --- |
| TCP bandwidth (Mbps) |  |
| Average RTT (ms) | 0.030 |

Web site performance (Apache PHP performance)

* Client - Average response time for overall and for each object
* Server – how many requests it can handle before its performance start to degrade

Tool : Apache HTTP server benchmarking tool

Command : ab -k -c 100 -n 10000 192.168.7.101/

reference :

<https://stackoverflow.com/questions/51148248/how-to-do-load-testing-of-a-php-website-from-both-ends>

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