**Performance test record sheet**

|  |  |
| --- | --- |
| Platform | AWS |
| Environment | EC2 |
| OS | Ubuntu Server 18.04 LTS (HVM) |
| CPU | 2.5 GHz, Intel Xeon Family |
| Memory | 1 GiB memory |
| Disk capacity | EBS General Purpose SSD (8 GiB) |

CPU and Memory performance

Tool : sysbench

|  |  |
| --- | --- |
| CPU Performance (events per second) | 868.54 events per second |
| Memory performance (transfer speed MB/S) | 5028 transfer speed MB/s |

Network performance

Tool : sysbench

|  |  |
| --- | --- |
| TCP bandwidth (Mbps) | 991 Mbps |
| UDP bandwidth (Mbps) | 387 Mbps |
| Average RTT (ms) | 0.501 ms |

File IO performance(3 GiB total file size, block size 16KiB)

Tool :sysbench

File operations

|  |  |
| --- | --- |
| Read | 2112.19/s |
| Write | 1407.69/s |

File Throughput

|  |  |
| --- | --- |
| Read | 33 MiB/s |
| Write | 22 MiB/s |

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

Request per second: 6487.63 second

