**Performance test record sheet**

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| --- | --- |
| Platform | Microsoft Azure VM |
| Environment | Standard B1s |
| OS | Ubuntu 18.04.4 LTS |
| CPU | Intel(R) Xeon(R) Platinum 8171M CPU @ 2.60GHz |
| Memory | 1GB |
| Disk capacity | 30GB Premium SSD |

CPU and Memory performance

Tool: sysbench

|  |  |
| --- | --- |
| CPU Performance (events per second) | 868.86 events/s |
| Memory performance (transfer speed MiB/S) | 3,485.08 MiB/s |

Network performance

Tools: iperf & ping

|  |  |
| --- | --- |
| TCP bandwidth (Mbps) – Private IP | 927 Mbps |
| TCP bandwidth (Mbps) – Public IP | 928.33 Mbps |
| Average RTT (ms) – Private IP | 1.310 ms |
| Average RTT (ms) –Public IP | 2.469 ms |

Disk performance

Tool: sysbench

|  |  |
| --- | --- |
| Reads per second | 367.75 op/s |
| Write per second | 244.17 op/s |
| Throughput - read | 5.75 MiB/s |
| Throughput - write | 3.82 MiB/s |

Web 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

Tools: ApacheBench & WPPerformanceTester on WordPress 5.4

|  |  |
| --- | --- |
| Tool | Result |
| ApacheBench (Requests per second) – Private IP | 1,563.93 |
| ApacheBench (Requests per second) – Public IP | 1,669.65 |
| WPPerformanceTester – Quries per second | 149.61 |