

1 IO Profiling Report

1.1 Summary

Your workload was approximately 100.00% reads and 0.00% writes. Your workload was very read intensive.

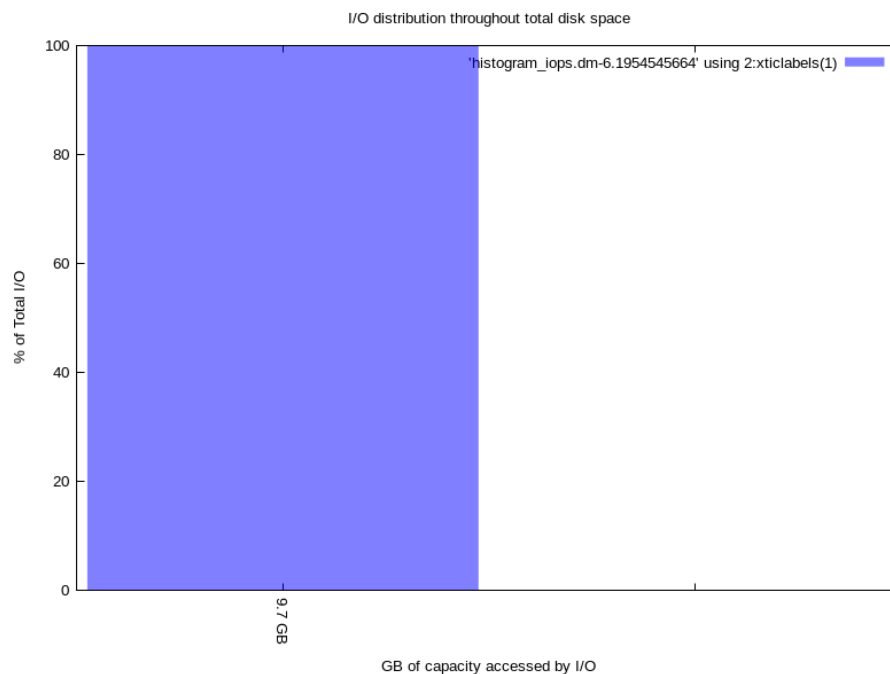
Please make sure to review the important notes in the section "Caveat Empor" at the bottom of this document.

1.2 Top Files

Tracing was done without 'File tracing' enabled. To enable file tracing, please use the -f flag. Please note that it may take 3-5 minutes to gather information about file placement on large filesystems.

1.3 IOPS Histogram

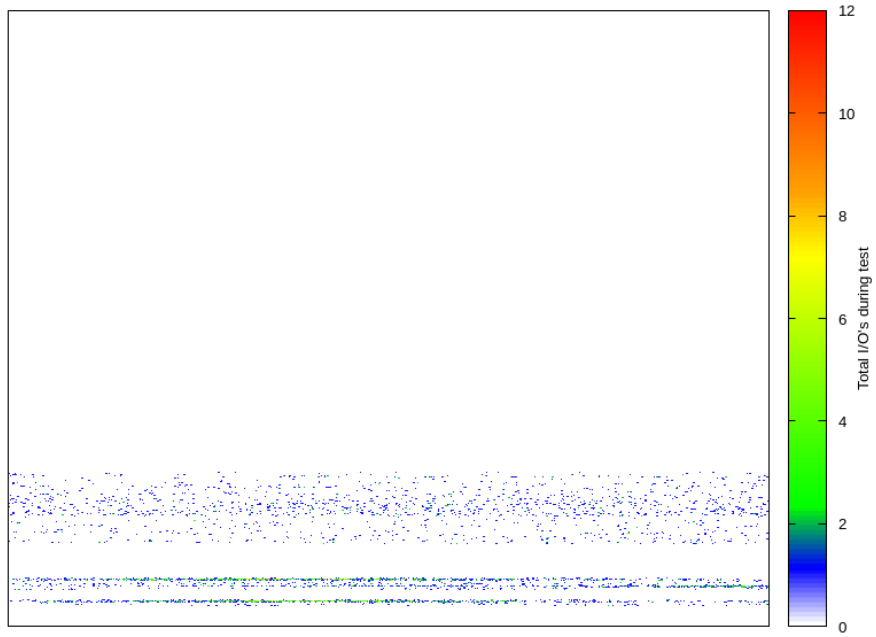
Approximate Zipfian Theta Range: 0.1375-1.0000 (est. 0.4840).



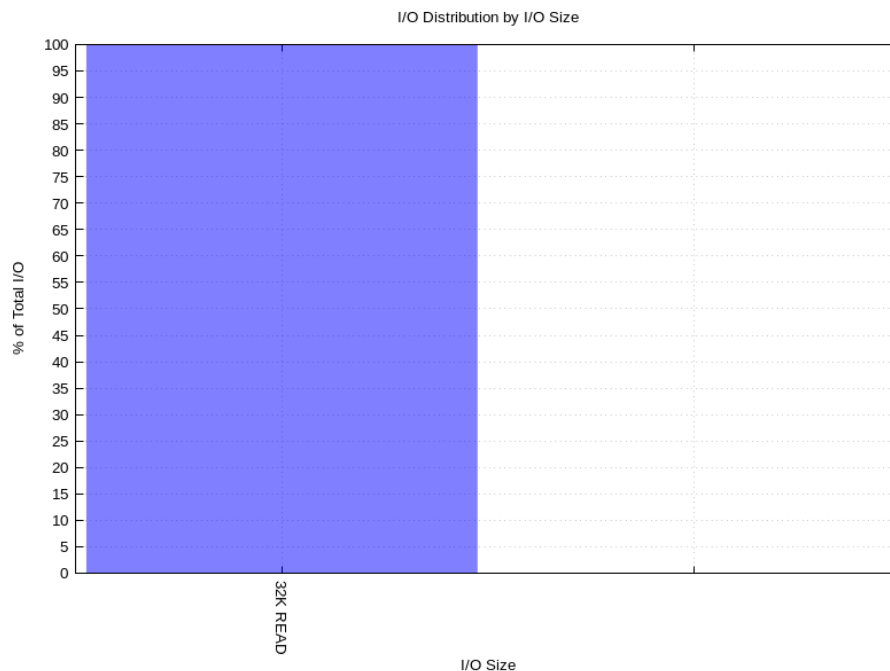
1.4 IOPS Heatmap

Heatmap analysis coming soon.

Heat Map of IOPS over /dev/dm-6



1.5 IOPS Statistics



1.6 Bandwidth Statistics

Bandwidth analysis coming soon.

1.7 Caveat Emptor

This tool is intended to provide the user with additional insight into their own workload. This tool has the following limitations:

- In order to limit the trace impact on performance, blktrace is run as a collection of 3 second traces. Thus, there may be I/O's missed between runs.
- Larger 1048576 byte buckets are used to count logical sector hits instead of 512 bytes. This improves post processing times, but produces less granular results.
- Translating files into logical block ranges may rely on FIBMAP ioctl() calls.
- Translating file logical block ranges into 1048576 byte buckets may result in some bucket overlap. Cross-correlating this with bucket I/O hits may result in some files being identified as being top hits without any file

access. Please keep this in mind when making important migration or caching decisions.