

FreeBSD 8.0 Benchmarked Against Linux, OpenSolaris

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With the stable release of FreeBSD 8.0 arriving last week we finally were able to put it up on the test bench and give it a thorough look over with the Phoronix Test Suite. We compared the FreeBSD 8.0 performance between it and the earlier FreeBSD 7.2 release along with Fedora 12 and Ubuntu 9.10 on the Linux side and then the OpenSolaris 2010.02 b127 snapshot on the Sun OS side.

FreeBSD 8.0 introduced support for a TTY layer rewrite, network stack virtualization, improved support for the Sun ZFS file-system, the ULE kernel scheduler by default, a new USB stack, binary compatibility against Fedora 10, and improvements to its 64-bit kernel will allow a NVIDIA 64-bit FreeBSD driver by year's end, among a plethora of other changes. With today's benchmarking -- compared to our initial Ubuntu 9.10 vs. FreeBSD 8.0 benchmarks from September -- we are using the official build of FreeBSD 8.0 without any debugging options and we are also delivering a greater number of test results in this article, along with a greater number of operating systems being compared.

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