



Contribution ID: 208

Type: **not specified**

MySQL @XFS

Wednesday 11 September 2019 11:15 (15 minutes)

historically XFS was always showing lower performance comparing to EXT4 on most of IO-bound workloads used for MySQL/InnoDB benchmark testing.. However, since the new kernels & XFS arrived, we observed significantly better results on XFS now -vs- EXT4 particularly when InnoDB “double write” is enabled. From the other side, for our big surprise, XFS was doing worse if “double write” was disabled (which is nonsense, because how overall performance can be worse if we do twice less IO writes on the same IO-bound workload?) – fortunately we found a workaround to by-pass this issue, but still lacking deep understanding of the problem and observation/ visibility details from XFS layer).. – all is looking like a kind of IO starvation, but how it can be detected on time and ahead?..

(more details are expected up to conference date)

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Yes

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Session Classification: Databases MC