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Mysql 5.4 performance at 64 threads

Todoy Sun announced a new version of Mysql. The version 5.4 was targeted to improve performance an scalability of mysql. For example the scalability on UltraSPARC T2 was improved. As i tend do say: The T2 is a 64-way SMP system on a chip and wants to be handled this way. So the performance on this system left a little bit to be desired, but 5.4 answers at least to large part to this desires. Allan Packer writes in "MySQL 5.4 Scalability on 64-way CMT Servers":
The throughput increases 71% from 32 to 64 vCPUs. It's encouraging to see a significant increase in throughput beyond 32 vCPUs.
The scaleup from 1 to 64 vCPUs is almost 30x. As I noted earlier, the UltraSPARC T2 chip does not have 64 cores - it only has 8 cores and 16 integer pipelines, so this is a good outcome.Obviously there is still work to do, but this looks really promising. And with the advent of Nehalem with Hyperthreading even a 2-socket system is already a 16 thread system. So the improvements of scalability at 64 threads are definitely not hurting the scalability at actual and upcoming x86 systems, quite contrary

Posted by Joerg Moellenkamp in English, Oracle at 21:24