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Transcontinental iSCSI for databases

I talked about the advantages of the separated ZIL and the L2ARC even on rotating rust in my article "iSCSI for I/O intensive tasks" in March 2008. I didn´t found the time to write down the findings of my tests as i started LKSF not much later. But Jignesh Shah did some tests with postgres and wrote down his results. He even took the concept a step farther:Unfortunately the storage that's available is in Colorado while my PostgreSQL server is located in Massachusetts.He tested an database with local sZIL and L2ARC and a remote iSCSI pool and got excellent results:Not bad. Cutting the latency of writes of something that would have taken in excess of 8-10 minutes is atleast recorded within 4 seconds on nonvolatile cache/log combination and allowing ZFS to sync it up to the actual storage.The whole concept of an ZFS augmented iSCSI shows promise even for latency-dependend applications.

Posted by Joerg Moellenkamp in English, Solaris at 14:38