Contribution ID: **60**   Type: **not specified**

Tests of parallel filesystems on the intel Xeon-D

Monday, 16 October 2017 10:20 (15 minutes)

Parallel filesystems are a key component of every HTC and HPC clusters. Using such filesystems on low power SOCs such as ARM or x86 give the possibility to deploy cost effective storage volumes with respect to usual storage appliances. A promising low power CPU that provides server-grade perfomances with a low TDP is the Intel Xeon-D with which I setup a small cluster using the BeeGFS filesystem developed by the Fraunhofer institute. A report on the benchmarks performed will be presented

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