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SSD benchmarking at CERN

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Flash storage is slowly becoming more and more prevalent in the High Energy Physics community. When deploying Solid State Drives (SSDs) it's important to understand their capabilities and limitations, allowing to choose the best adapted product for the use case at hand. Benchmarking results from synthetic and real-world workloads on a wide array of Solid State Drives will be presented. The new NVM Express SSD interface specification will be detailed with a look towards the future of enterprise flash storage. The presentation will end by touching on endurance concerns often associated with the use of flash storage.

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