

Oracle and storage IOs, explanations and experience at CERN

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The Oracle database system is used extensively in the High Energy Physics community. Access to the storage subsystem is one of the major components of the Oracle database. Oracle has introduced new ways to access and manage the storage subsystem in the past years like ASM (10.1), Direct NFS (11.1) and Exadata (11.1). This paper presents our experience with the different features linked to storage access and management that we have been using in the past years with a comparison of functionality. It compares the different solutions used at CERN and the Tier 1 for Oracle storage.

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