Performance of a disk storage system at a Tier-2 site

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It is expected that a WLCG Tier-2 site plays a major role in the user analysis in addition to generating Monte Carlo simulation data. For the user analysis, the data storage system should be designed properly for sustaining massive data access from a large number of analysis jobs by the end users within the LAN, and also for the data transfer from the Tier-1 site over the WAN. The Tokyo Tier-2 center provides 400TB of disk and 1000kSI2K of CPU to the ATLAS VO. As the data storage manager, the gLite DPM is deployed, which is common at the Tier-2 sites. In this talk, we present the architecture of our DPM storage system and its performance as well as operational experiences.