



Deployment of SAM for the CDF Experiment

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CDF is an experiment at the Tevatron at Fermilab. One dominating factor of the experiments' computing model is the high volume of raw, reconstructed and generated data. The distributed data handling services within SAM move these data to physics analysis applications. The SAM system was already in use at the D-Zero experiment. Due to difference in the computing model of the two experiments some aspects of the SAM system had to be adapted. We will present experiences from the adaptation and the deployment phase. This includes the behavior of the SAM system on batch systems of very different sizes and type as well as the interaction between the datahandling and the storage systems, ranging from disk pools to tape systems. In particular we will cover the problems faced on large scale compute farms. To accommodate the needs of Grid computing, CDF deployed installations consisting of SAM for datahandling and CAF for high throughput batch processing. The CDF experiment already had experiences with the CAF system. We will report on the deployment of the combined system.

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