



Contribution ID: 464

Type: poster

The Status of Grid for Belle Experiment

Monday, September 3, 2007 8:00 AM (20 minutes)

The Belle Experiment is an ongoing experiment with an asymmetric electron-positron collider at KEK and already has a few PB scales of data in total including hundreds TB DST (Data Summary Tape) and MC data. It's too much difficult to export existing data to LCG (LHC Computing Grid) physically because of huge amount of data. We setup a SRB (Storage Resource Broker) server to access them by using SRB-DSI (SRB Data Storage Interface) which is an extension to the GridFTP server to interact with SRB. This approach isn't benefit only for Belle LCG users but also for legacy users. The Belle VO (Virtual Organization) has been federated among 4 countries, 6 institutes, 9 sites, and the analysis software has been installed to every site of this VO. The results of testing functionality, measuring performance and future prospects based on this federation will be shown in this paper.

Primary author: IWAI, Go (KEK/CRC)

Co-authors: NAKAZAWA, Hideyuki (NCU); KAWABATA, Setsuya (KEK/CRC); NISHIDA, Shohei (KEK/IPNS); SASAKI, Takashi (KEK/CRC); IIDA, Yoshimi (KEK/CRC); WATASE, Yoshiyuki (KEK/CRC)

Presenter: IWAI, Go (KEK/CRC)

Session Classification: Poster 1

Track Classification: Computer facilities, production grids and networking