Contribution ID: **50**   Type: **Presentation**

EGI/WLCG - OSG Status Information Exchange

We present a description of the information systems used by the Open Science Grid (OSG) to obtain data that determines the state of the OSG and publish it to EGI and WLCG collaborators. The Berkeley Database Information Interface (BDII) is used to hold near real-time GLUE data describing the the state of OSG resources. The GLUE data is used for many purposes including job scheduling, status monitoring, topology presentation, storage location, and software availability searches. Also described is the Resource Validation System (RSV) that collects and publishes status monitoring information for OSG resources, including reliability and availability statistics. We also show how these systems serve to present information to the WLCG making the OSG appear as a National Grid Infrastructure (NGI) the top level WLCG BDII and the Service Availability Monitoring (SAM) systems.

Required Facilities

power point presentation

Duration (90min sessions)

20

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Track Classification: Operations