globus gram job manager setup lsf

2.4

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Contents

1 LSF Job Manager

This package contains the "lsf" interface to the GRAM Job Manager. It is a setup package; the script setup-globus-job-manager-lsf must be run to register an lsf job manager with the Gatekeeper as a service.

1.1 Options to setup-globus-gram-job-manager-lsf

-service-name=NAME

Set the job manager service name to be NAME. The default service name for a LSF job manager is "jobmanager-lsf". See globus_gram_resource_manager_contact for information on how the service name is used by GRAM.

-validate-queues=yes|no

Configure the LSF job manager to check for valid queue names at setup time, and put those in an RSL validation file for this scheduler. This will allow the Job Manager to validate that a queue named by the queue RSL attribute is one supported by LSF.

1.2 LSF Scheduler-Specific RSL Attributes

The LSF job manager does not support any scheduler-specific RSL attributes.

1.3 Change Log

1.3.1 globus_gram_job_manager_setup_lsf 1.0

Split from the core of the Job Manager as a setup package.

The test for mpirun is done at the time this package is set up. If mpirun is not found at that time, the job manager will return the error GLOBUS_GRAM_PROTOCOL_ERROR_JOBTYPE_NOT_SUPPORTED instead of GLOBUS_GRAM_PROTOCOL_ERROR_MPIRUN_NOT_FOUND.