

PLSF-2070: Platform LSF 7 Advanced Configuration and Administration Course

Duration: 2 days

Platform's LSF Advanced Configuration & Administration course is designed to extend the system administrator's knowledge to include advanced Platform LSF functionality and commands to configure and manipulate site-specific resources and enhance the current cluster design. The workshops provide valuable experience with the gathering of site-defined shared resources such as licenses, the configuration of job submission and execution environments, dynamic cluster configurations, etc. The system administrator will also learn helpful hints and tips and develop fundamental troubleshooting skills.

Who Should Attend

The Platform LSF Advanced Configuration & Administration course has been developed for system administrators and advanced end-users who are responsible in extending the role of Platform LSF in site-defined cluster resource management and who require the implementation of job and resource controls.

Course Pre-requisite

Attendees must have taken Platform LSF Basic Configuration & Administration or who have equivalent working experience with Platform LSF.

Course Materials

All participants will receive a copy of the training manual and workshops.

Course Content

This course covers the following:

Advanced Concepts & Commands

- Site specific shared Resources
- Checkpointing, Rerun and Migration
- Job Modification and Controls
- Job Arrays, Dependencies and Chunking
- Job Groups
- Application Profiling
- JSDL - Job Submission Description Language
- Dynamic Host and Floating clients
- LSF MultiCluster

Administration

- Job Environment Management
- Advanced Queue, Host & Daemon Management
- Time-based Configuration
- Software License Management
- Advanced Resource and Memory Reservations
- SLA Configuration
- Configuration of EGO-Enabled SLA with LSF
- Using the Platform Management Console (PMC)
- Reporting using the PMC Interface (PERF)

Course Price

US\$ 1,749