



## **PLSF-2270: Platform LSF 7.x Accelerated Configuration and Administration Course**

### **Duration: 3 days**

Platform LSF Configuration & Administration (UNIX/Linux) course is designed to give experienced system administrators the knowledge required to maintain and further improve Platform LSF in their working environment. This course will review the system administrator's knowledge and review advanced Platform LSF functionalities and commands. Topics covered will help to configure and manipulate site-specific resources and enhance the current cluster design. They will gain a further understanding of workload resource management and administration of the new EGO technologies.

### **Who Should Attend**

The Platform LSF Accelerated Configuration & Administration course is developed for experienced system administrators and users, who will maintain LSF, extend the role of LSF in site-defined cluster resource management and those who require the implementation of jobs and resource controls.

### **Course Pre-requisite**

All attendees should be familiar with UNIX/Linux, have basic UNIX/Linux system administration experience and have Platform LSF working experience.

### **Course Materials**

All participants will receive a copy of the training manual.

### **Course Content**

This course covers the following:

#### **Concepts & Commands Overview**

- Platform LSF product suite overview
- Workload management concepts
- Platform LSF concepts and commands
- Scheduling strategies and policies
- Cluster access methods
- Shared resources – how to gather and use
- End-user authentication and security
- Job modifications and controls
- Job array and dependencies
- Application integration techniques
- Job groups
- Application profiling
- Platform EGO technologies introduction
- New features and functionalities

## Administration

- Platform LSF architecture
- Platform LSF installation
- Platform LSF Configuration
- Cluster, host and daemon management
- Time-based configuration
- Software license management
- Advanced resource and memory reservations
- Application deployment and tuning
- Operational considerations and monitoring
- User and admin troubleshooting techniques
- SLA configuration
- Configuration of EGO enabled SLA with LSF
- Using the Platform Management Console (PMC) for LSF Report viewing
- Reporting with the PMC Interface (PERF)

## Course Price

US\$ 2,599