



## PLSF-1070: Platform LSF 7.x Basic Configuration & Administration Course

**Duration: 3 days**

Platform's LSF Basic Configuration & Administration (UNIX/Linux) course is designed to give system administrators the knowledge required to implement and maintain LSF in their working environment. They will gain a solid understanding of workload resource management, cluster configuration and administration. The workshops provide valuable experience with the installation of LSF, cluster configuration and administration. The system administrator will also learn helpful hints and tips and develop fundamental troubleshooting skills.

### **Who Should Attend**

The Platform LSF Basic Configuration & Administration (UNIX/Linux) course has been developed for system administrators and users who will implement LSF and who will be responsible for managing the environment.

### **Course Pre-requisite**

Attendees should be familiar with UNIX/Linux and have basic UNIX/Linux system administration experience.

### **Course Materials**

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

### **Course Content**

This course covers the following:

#### **LSF 7 Structure, Concepts and Commands**

- LSF Product Suite Overview
- Platform EGO Introduction
- Workload Management Concepts
- Platform LSF Concepts and Commands
- Scheduling Strategies and Policies
- New Features and Functionality
- Introduction to the Platform Management Console ( PMC ) and Reporting ( PERF )

#### **Administration**

- Platform LSF Architecture
- Platform LSF Installation
- Platform LSF Configuration
- LSF Cluster, Host and Daemon Management
- Implementing Fairshare Policies
- Implementing Resource Usage Limits
- Troubleshooting