Platform LSF Basic Configuration and Administration for Linux

Duration: 3 Days Course Code: H010G Delivery Method: Company Event

Overview:

Learn how to install, configure, administer, and monitor IBM Spectrum LSF on Linux, including resource management, job scheduling, queue configuration, user administration, and cluster operations.

The course is is an exercise-focused, hands-on class 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.

Important : This course consists of several independent modules. The modules, including the lab exercises, stand on their own and do not depend on any other content.

Company Events

These events can be delivered exclusively for your company at our locations or yours, specifically for your delegates and your needs. The Company Events can be tailored or standard course deliveries.

Target Audience:

System administrators who will implement the LSF cluster and who will be responsible for managing and administrating the LSF cluster.

Objectives:

- **Provide student with knowledge on:**
- Define concepts and terms use in IBM Spectrum LSF
- Install IBM Spectrum LSF
- Submit jobs in IBM Spectrum LSF
- Manage resources
- Use cluster query commands
- Describe IBM Spectrum LSF architecture and configuration
- Describe LSF scheduling policies
- Describe resources allocation limits
- Detail LSF cluster management
- Troubleshoot and debug IBM Spectrum LSF
- Describe and work with EGO
- Explain application integration and deployment

Prerequisites:

- Participant should be familiar with UNIX/Linux and have basic UNIX/Linux system administration experience
- No previous experience with IBM Platform products is assumed or required.

Content:

- LSF concepts and terminology
- LSF installation
- Job submission and control
- Resource management
- Cluster query commands
- LSF architecture
- LSF configuration
- LSF batch system configuration
- LSF scheduling policies and fairshare policies
- Resource limits
- Cluster management
- Basic troubleshooting
- LSF debugging
- Platform LSF with EGO
- LSF application integration and deployment

Further Information:

For More information, or to book your course, please call us on +1 (800) 268 7737

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