IBM Spectrum LSF Basic Configuration and Administration for Linux

Duration: 3 Days Course Code: H010G Delivery Method: Virtual Learning

Overview:

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.

Virtual Learning

This interactive training can be taken from any location, your office or home and is delivered by a trainer. This training does not have any delegates in the class with the instructor, since all delegates are virtually connected. Virtual delegates do not travel to this course, Global Knowledge will send you all the information needed before the start of the course and you can test the logins.

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 Head Office 01189 123456 / Northern Office 0113 242 5931

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