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IBM Platform Symphony Administration Advanced for Linux Information

Length: 2.0 Days
Ref: H052G-X
Delivery method: Classroom
Price: AUD

Overview

This course teaches IBM Platform Symphony 6.1. The course is designed to give IT system administration and application support teams the required knowledge to deploy, use, and maintain the Symphony clusters in their working environment. The attendees will gain a strong understanding of Symphony architecture and resource and workload management concepts, and learn basic cluster configuration and administration skills.

Public

This course is designed for system administration, grid and application support personnel who will be responsible for managing and utilizing Symphony grid. Application developers and end users can also benefit from this course.

Prerequisites

You should be familiar with Linux operating system **and** have taken IBM Platform Symphony Administration Basic **or** have equivalent working experience with Symphony.

Objective

- Describes defined resources and ELIM mechanism
- Manage EGO services using CLI and PMC
- Explain package dependency
- Define and describe the role of multi-site repository server
- Deploy general file package
- Explain Kerberos authentication between master and compute hosts
- Deploy a package with short consumer name
- Explain Symphony auditing
- Explain application level tuning
- Describe selective reclaim
- Describe scheduling policies
- Explain preemption

- Describe how service affinity groups work
- Deploy executable applications
- Describe LSF installation on EGO grid
- Manage LSF workload: job submission, monitoring and control
- Administer LSF: create reports, logging configuration, log retrieval

Topics

- EGO API
- Platform Symphony application deployment and management
- Platform Symphony scheduling
- Platform Symphony resilience
- Platform Symphony tuning; Platform Symphony auditing
- Executable support
- Platform Symphony additional topics