IBM i - System i Work Management Tailoring and Basic Tuning

Duration: 2 Days Course Code: OL23G

Overview:

This course of two days explains how to balance the workload on the IBM i system to ensure optimum performance.

Specifically, this course explains how to manage workloads, measure system performance, and tune the operating system to meet processing requirements.
Hands-on exercises give you the opportunity to use the system functions that are available for controlling workload and tuning system performance. Evaluation criteria presented in this course are based on the latest information available from IBM development labs.

Target Audience:

This is an intermediate course is designed for data processing managers, programmers, and analysts.

Objectives:

- On completion, participants will be able to :
- Manage jobs by:
- Setting the appropriate system values
- Modifying subsystem descriptions to fit the workload
- Controlling batch jobs
- Tailoring job descriptions to fit processing needs
- Create unique environments for running jobs by:
- Creating subsystems for special applications
- Directing jobs to run in these subsystems
- Developing job descriptions for special jobs
- Tune the performance of the system by:
- Setting up pools and activity levels to handle jobs
- Tailoring execution parameters for job priorities
- Evaluating current performance using information provided by the system
- Changing system values and parameters as the workload changes

Prerequisites:

Participants should be able to:

- Start and stop the power i operating system
- Start and stop subsystems
- Manage job, message, and output queues
- Describe security concepts and create user profiles

Testing and Certification

None

Follow-on-Courses:

None

Content:

Day 1:

- Introduction/class administration
- Unit 1 - Work management
- Exercise 1 - Job and subsystem information
- Unit 2 - Creating a work environment
- Exercise 2 - Creating your own subsystem description
- Exercise 3 - Special work management functions

Day 2:

- Unit 3 - Shipped system objects
- Exercise 4 - System values and network attributes
- Unit 4 - Job structure and execution logic
- Unit 5 - Storage management
- Unit 6 - System tuning

Summary

Additional Information:

Official course book provided to participants.

Further Information:

For More information, or to book your course, please call us on 0800/84.009

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