

OL23: IBM *e*.serveriSeries Struct, Tailoring and Basic Tunning

Course code	OL23VN	Delivery type	Classroom (Hands-on labs)
Duration	2.0 days	Course type	Public or Private on-site
List price	Call for price		

This Classroom course explains how to balance the workload of the iSeries 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, using OS Version R5R3

Abstract

This Classroom course explains how to balance the workload of the I-Series system to ensure optimum performance.

Audience

Anyone who has responsibility for tuning and basic setup of OS/400.

Pre-requisites

Before taking this course students should be able to do the following:

- Start and Stop the Operating System
- Start and Stop subsystems
- Manage job, message and output queues
- Describe security concepts and create user profiles.

Objective

On completion, you will be able to :

- o Manage jobs by modifying subsystem descriptions, controlling batch jobs and tailoring job descriptions.
- o Create unique environments to run jobs.
- o Tune the performance of the system using pools/activity levels, execution parameters and system values.

Key topics

This course covers:

- Creating subsystems: guidelines for pools, work entries, priorities. Basic system tuning WRKSYSSTS etc.
- Paging DB/ NDB faults, activity levels, dynamic tuner (QPFRADJ).
- Transferring to another subsystem, rerouting between pools.
- Key system values affecting performance.
- Managing storage, batch commands, synchronous and asynchronous I/O processing.
- Internal job structure.
- Task-dispatcher: active/ wait/ ineligible states, timeslice, PURGE-*YES/ *NO.
- Performance Advisor for basic tuning.