

IBM System i (AS/400) System Administration and Control

(SY15)

5 Days (70% Lecture, 30% Workshop)

This class provides an introduction to IBM i Administration and Control for the System Administrator and the Advanced System Operations Staff. Emphasis is placed on System Management and Administration, Major Configuration Options, Backup and Recovery, IBM Support and Security Management.

Prerequisites: None.

Course Outline

System i Menus and Control Language Commands

Menus for System Administration
Control Language Commands for System Administration
Finding the right CL Command or Menu

Objects and Libraries

Using the WRKOBJ command – the Find facility
Working with Libraries and Objects using IBM's PDM
Overview of the File Systems (IFS)
Job Library List concepts - Using *LIBL

Working with the System Values (Global Settings)

Working with Messages

Displaying and Sending Messages
Working with Message Queues
The QSYSOPR and QSYSMSG Message Queues
Managing the QHST History Log

Introduction to Work Management

Subsystems and Subsystem Descriptions
Configuring Subsystem Workstation Entries
Job Queues and Output Queues
Creating and Using Job Descriptions

Controlling Jobs

Working with Jobs
Handling Error Conditions
Interactive and Batch jobs
Using the SBMJOB Command
Examining the Job Log

Scheduling Jobs for Recurring Submission

Using the Job Scheduler (WRKJOBSCDE)

Working with Printer Output

Managing Printer Output
Working with Spooled Files
Working with Output Queues

Backup and Recovery

Save and Restore Operations (Tape & SAVE Files)
Developing and Implementing a Backup Strategy
Verifying the System Backup Status
New IBM i 6.1 and 7.1 Save/Restore Options

Working with Devices and Communications

Working with Printer and Workstation Devices
Working with Communication Line Status
Controlling Host and TCP/IP Servers

Other System Administration Tasks

Disk Storage Management with DISKTOOLS
System Cleanup Options
Starting and Stopping the System

Working with Function Usage

Control Access to Sensitive Functions
Using GUI Application Administration

IBM's Fix Central and Support Site

Logging on to IBM Fix Central
Using the IBM Support Site

Using IBM i Navigator for Windows

Basic Operations
Work Management
Managing Servers

IBM i Security Concepts

System Level Security

Object Based Security Architecture

Library and Object Authorities
Object Ownership
Using Security Commands

Working with User Profiles

Setting Password Rules and Initial Passwords
Special Authorities, Limit Capabilities
User Classes, other attributes

Using SECTOOLS and SECBATCH Menus

Network Security

TCP/IP and Host Server Security
Network Server Exit Programs

Security Auditing Capabilities

Configuring the Security Audit Journal (QAUDJRN)
Auditing and Reporting Security related Events

For more information, call (314) 932-2430 or (800) 936-3140
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