IBM i (AS/400, iSeries) Expanded Operations Workshop

Course Summary

Description
This class provides an introduction to the IBM i (AS/400, iSeries) for system operators. Emphasis is placed on the basics of system navigation using IBM supplied Menus and CL Commands, and on normal day-to-day system operational tasks.

This workshop also addresses many intermediate level topics including Network Server Management, working with critical system messages, resetting disabled users and workstation devices and a more advanced look at managing jobs and Work Management.

Topics
- IBM i (AS/400, iSeries) Introduction
- Using the IBM Menu System
- Using Control Language Commands
- Using Special Keyboard Keys
- CL Commands and Menus for Operations
- System Object and IFS Architecture
- Introduction to Work Management
- Basic Work Management-Controlling Jobs
- Running Batch Jobs
- Printers and Printer Output
- Handling Messages and Errors
- Basics of Backup and Recovery
- Working with Devices and Lines
- Introduction to Operations using IBM’s System i Navigator for Windows
- Managing Your System Operations
- Understanding Major System Settings
- Intermediate Work Management
- Working with Special Messages
- Resetting Passwords and Devices
- Checking Server Status and Activity
- Starting and Stopping Servers

Audience
This course is designed for system operators.

Prerequisites
There are no prerequisites for this course.

Duration
Five days
Course Outline

I. IBM i (AS/400, iSeries) Introduction
II. Using the IBM Menu System
III. Using Control Language Commands
   A. Command Line and QCMD usage
IV. Using Special Keyboard Keys
   A. Using the Help Facility (F1)
   B. Attn – SysRqs - Field Exit
V. CL Commands and Menus for Operations
   A. The SYSTEM menu as a starting point
   B. Using the Operational Assistant Menu
   C. Customized Assistance Levels
VI. System Object and IFS Architecture
   A. Libraries, Objects and the IFS, QDLS
   B. Using WRKOBJ, and PDM
   C. The Job Library List - *LIBL
VII. Introduction to Work Management
   A. Subsystems
   B. Interactive and Batch Jobs
   C. Job Queues and Submitted Jobs
VIII. Basic Work Management-Controlling Jobs
   A. Working with User Jobs
   B. Working with Active Jobs
   C. Understanding Detailed Job Information
   D. Changing how a Job Is Run
   E. Understanding the Joblog
IX. Running Batch Jobs
   A. Using the SBMJOB command
   B. Using the Job Scheduler (WRKJOBSCDE)
X. Printers and Printer Output
   A. Finding Printer Output
   B. Displaying Printer Output
   C. Managing Printer Output
   D. Working with Printers
XI. Handling Messages and Errors
   A. Displaying and Sending Messages
   B. The QSYSOPR Message Queue
   C. Handling Error Messages (C, D, I, R)
XII. Basics of Backup and Recovery
    A. Using Magnetic Tape Devices
    B. Save and Restore Operations
    C. Checking the Backup Status
XIII. Working with Devices and Lines
    A. Displaying and Changing Device Status
    B. Printer, Tape and Workstation Device
    C. Checking Communication Line Status
XIV. Introduction to Operations using IBM’s System i Navigator for Windows
XV. Managing Your System Operations
    A. Checking Up on the System
    B. Checking on available Disk Space
    C. Understanding the Cleanup Options
    D. Starting and Stopping the System
XVI. Understanding Major System Settings
    A. System Values
    B. Network and Service Attributes
XVII. Intermediate Work Management
    A. Understanding Subsystem Attributes
    B. Managing the Jobs in Job Queues
    C. Understanding Job Descriptions
XVIII. Working with Special Messages
    A. QHST – DSPLOG and The History Log
    B. QSYSMSG – Critical System Messages
XIX. Resetting Passwords and Devices
    A. Resetting User Passwords and User Status
    B. Resetting Status of Disabled Netserver Users
    C. Resetting Disabled Workstation Devices
XX. Checking Server Status and Activity
XXI. Starting and Stopping Servers

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