IBM i System Administration

Course Number: OL19G

Duration: 5 days

Course Description

Learn how to plan for, implement, and manage the ongoing operations of an IBM i. Emphasis is on security, system availability, backup and recovery, system software management, and problem determination. Also, get an introduction to the architecture and terminology of the IBM i.

Skills Gained

- Describe the features, functions, and benefits of Power with IBM i relevant to security
- Describe the security requirements for your Power with IBM i
- Identify the system security features that satisfy your requirements
- Describe and implement the features and facilities of Power with IBM i available to audit security
- List the elements of a security plan
- Describe the features, functions, and benefits of the Power with IBM i relevant to availability and recovery
- List the elements of a security plan and a backup and recovery plan
- Describe IBM Power with IBM i problem determination and resolution techniques
- Perform these activities using either a green screen 5250 emulation session (through command line entry), by using IBM Navigator for i

Who Can Benefit

This is an intermediate course intended for IBM i system administrators, data processing managers and other individuals who implement and manage security, backup and recovery, system software and problem determination. This course is not recommended for system operators.

Prerequisites

You should:

- complete System Operator Workshop for IBM i (AS24G)
- have responsibility for implementing the security features available for IBM i
- have responsibility for the implementation of a backup and recovery plan and system availability for your Power Systems with IBM i

Course Details

Outline

Units:

- Unit 1. IBM i overview and concepts
- Unit 2. Systems management
- Unit 3. Security concepts and overview
- Unit 4. Security-related system values
- Unit 5. User security
- Unit 6. Resource security
- Unit 7. Security auditing
- Unit 8. Designing security
- Unit 9. IBM Power with IBM i: Availability overview
- Unit 10. Disk management
- Unit 11. Backup and recovery strategy using save/restore
- Unit 12. Journal management
- Unit 13. Commitment control overview
- Unit 14. Backup and recovery planning
- Unit 15. Problem determination
- Unit 16. Introduction to Backup Recovery and Media Services
- Unit 17. Power HA/DR solutions
- Unit 18. Power SC for i

Exercises:

- Exercise 1. Using IBM i Access Client Solutions
- Exercise 2. Exploring the user environment
- Exercise 3. Working with user profiles
- Exercise 4. Working with group profiles
- Exercise 5. Working with authorization lists
- Exercise 6. Working with object authority and adopted authority
- Exercise 7. Media devices and virtual tape
- Exercise 8. Save/Restore
- Exercise 9. Journal management
- Exercise 10. Commitment control
- Exercise 11. Problem determination

Objectives

Follow-on Courses

Browse the suggested follow-on courses below and continue your training journey. We offer training in various learning formats, from instructor-led to virtual, so you can choose what works best for you. Get started by selecting a course to learn more.

System i - IBM i Performance Tuning - I: IBM i Structure, Tailoring and Basic Tuning

View Details

System i - Control Language Programming Workshop for IBM i

View Details