

iSeries Administration

(5 day Instructor-Led Course)

Course Description

The 'iSeries Administration' class will show you how to effectively administer an IBM System i5 (aka iSeries, AS/400), running the system as securely and efficiently as possible. This lab workshop goes beyond basic daily operations tasks, concentrating on security strategies, system backup and recovery plans, advanced problem determination, and other advanced operations topics. It provides a strategic view of system operations, with an emphasis on security, system availability, and recovery. The class is oriented toward single system administration, but many topics will also apply to the administration of multiple systems.

Who Should Attend

This class is primarily for security administrators, but may also be suitable for system operators and managers.

Prerequisites

In order to successfully complete this course, students should have completed the following courses, or have equivalent knowledge/experience:

- iSeries Concepts
- iSeries System Operations

What You Will Accomplish

At the end of the course, students will be able to:

- Describe the components of iSeries security, such as user profile, group profile, authorization list, adopted authority and how they participate in security
- Develop a security plan for your installation
- Describe the facilities available to audit security
- Choose the iSeries availability products and features appropriate for your installation
- Describe how to backup and recover user and system information
- Develop a backup and recovery plan for your installation
- Describe problem determination procedures
- Describe how to manage Program Temporary Fixes (PTF)

What You Will Receive

Each student receives:

- Custom printed handout, containing class notes
- Completion certificate

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Course Outline

The class covers these topics:

- iSeries Architecture Overview
- System Operations Overview
- Database Concepts
- Journaling and Commitment Control
- Work Management
- Subsystems, Queues, and Jobs
- Configuring the System
- Security Concepts
- Understanding Authorities
- Understanding User Classes
- Managing User Profiles
- Managing Group Profiles
- System Values
- Securing the Operating Environment
- Securing Applications
- Securing the Network
- Security Auditing
- Performance Tuning
- Capacity Planning and Disk Management
- Backup and Recovery Strategies
- Troubleshooting the System

Hands-on Labs

- System Operations
- Database Concepts
- Managing User Authority
- Managing System Values
- Monitoring Capacity
- Backup and Restore
- Troubleshooting the System

Note: Some of these labs may not be allowed during class, depending upon your installation's existing security configuration or concurrent system workload.