

## System Administration and Control for System i

**Duration: 5 Days    Course Code: OL19G**

### Overview:

This course explains how to plan for, implement, and manage the ongoing operations of the System i. Emphasis is on security, system availability, backup and recovery, system software management, and problem determination. You are also introduced to the architecture and terminology of IBM i and the System i.

This course provides lectures and hands on labs in a face-to-face classroom setting. The course is also offered in a live virtual classroom environment (ILO - Instructor Led Online) with hands-on labs IBM i Administration and Control - ILO (OV190).

### Target Audience:

This course is for IT managers and their staff who are responsible for: Designing and implementing a security plan Implementing a backup and recovery plan Implementing a system availability plan Performing problem determination procedures and activities  
This course is not recommended for system operators or end users

### Objectives:

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| ■ Describe the features, functions, and benefits of the Power based server running IBM i relevant to security            | ■ Describe the features, functions, and benefits of the Power based server running IBM i relevant to availability and recovery   |
| ■  | ■  |
| ■ Describe the security requirements for your Power based server running IBM i   | ■ List the elements of a security plan and a backup and recovery plan  |
| ■  | ■  |
| ■ Identify the system security features that satisfy your requirements   | ■ Describe Power based server running IBM i problem determination and resolution techniques  |
| ■  | ■  |
| ■ Describe and implement the features and facilities of the Power based server running IBM i available to audit security | ■ Describe how to manage PTFs  |
| ■  | ■  |
| ■ List the elements of a security plan   | ■ Perform these activities using either a green screen 5250 emulation session (via command line entry), by using System i Navigator, or the IBM Systems Director Navigator |
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### Prerequisites:

You should complete:

- System Operator Workshop for System i (AS247GB) - classroom / (OV24) - ILO (Instructor Led Online)
- or have the equivalent knowledge and experience on the system

You should have:

- a basic understanding of security concepts on the System i
- a working knowledge of how to perform backup and recovery activities on the system



### Content:

## Day 1

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| <ul style="list-style-type: none"> <li>■ (00:30) Welcome, course administration, introductions, lab setup</li> <li>■ (01:00) Unit 1: IBM i overview and concepts</li> <li>■ (00:30) Lab 1: Establishing a user environment</li> <li>■ (01:30) Unit 2: Management Central overview</li> <li>■ (00:40) Lab 2: Management Central inventory and system values</li> <li>■ (00:10) Unit 3: Security concepts and overview</li> <li>■ (01:00) Unit 4: Security related system values</li> <li>■ (00:40) Unit 5: User security - Topic 1</li> <li>■ (00:45) Lab 3: Working with user profiles</li> <li>■ (00:45) Lab 4: Working with group profiles</li> <li>■ (00:20) Unit 5: User security - Topics 3 - 4</li> <li>■ (00:45) Unit 6: Resource security - Topics 1 - 3</li> <li>■ (00:30) Lab 5: Working with authorization lists</li> <li>■ (00:25) Unit 6: Resource security - Topics 4 - 5</li> <li>■ (00:30) Lab 6: Working with object authority and adopted authority</li> <li>■ (00:30) Unit 7: Security auditing</li> <li>■ (01:00) Unit 8: Designing security</li> <li>■ (01:30) Unit 10 - 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  - (01:00) Unit 13 - Commitment control overview
  - (00:45) Lab 10 - Commitment control
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- Day 3
- (02:00) Unit 9 - IBM Power based servers running IBM i availability overview

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- (00:45) Unit 11 - Backup and recovery strategy using save/restore (continued)
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#### Day 5

- (01:20) Unit 15 - Problem determination
- (01:00) Unit 1: IBM i overview and concepts
- (00:30) Lab 1: Establishing a user environment
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- (00:30) Lab 6: Working with object authority and adopted authority





- (01:00) Unit 14 - Backup and recovery planning
  - (00:45) Lab 11 - Problem determination
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Day 4

- (00:25) Lab 8 - Save/restore

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### Further Information:

For More information, or to book your course, please call us on 00 20 (0) 2 2269 1982 or 16142

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[www.globalknowledge.com/en-eg/](http://www.globalknowledge.com/en-eg/)

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