



IBM i System Administration (OL19G)

Course ID #: 0375-200-OL19G-W

Hours: 35

Course Content

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.

Course Objectives:

After completing this course, you should be able to:

- Describe and implement the components of IBM i security, such as user profile, group profile, authorization list, adopted authority and object / resource security
- Develop a security plan for your Power Systems with IBM i
- Describe the options to implement security auditing
- Develop a plan to audit security on your Power Systems with IBM i
- Describe the IBM i availability products and features and choose the option(s) that best fit your company requirements
- Describe how to backup and recover user, IBM and full system data on your Power Systems with IBM i
- Develop a backup and recovery plan for your Power Systems with IBM i
- Describe the system diagnostics and problem determination procedures available on your Power Systems with IBM i

Target Audience:

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:

System Operator for IBM i - ([AS24G](#))

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



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Topics:

- **Class administration and introductions**
- **IBM i overview and concepts**
- **Management central overview**
- **Security concepts and overview**
- **System values**
- **User security**
- **Resource security**
- **Security auditing**
- **Designing security**
- **IBM i availability overview**
- **Disk management**
- **Backup and recovery strategy using Save/Restore**
- **Journal management**
- **Commitment control overview**
- **Backup and recovery planning**
- **Problem determination**
- **Overview of Systems Director Navigator for i**
- **Introduction to BRMS**