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**Enterprise Computing Solutions - Education Services**

# TRAINING OFFERING

**Du kan nå oss her**

Postboks 6562 ETTERSTAD, 0606 Oslo, Norge

Email: kurs.ecs.no@arrow.com
Phone: +47 22 02 81 00

# IBM i System Administration

| CODE: | LENGTH: | PRICE: |
|---|---|---|
| OL19G | 40 Hours (5 days) | kr39,425.00 |

## 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.

## Objectives

- 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

## 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.

## Training Development

### Day 1

- (00:30) Welcome, course administration, introductions, lab setup
- (01:00) Unit 1: IBM i overview and concepts
- (00:30) Lab 1: Establishing a user environment
- (01:30) Unit 2: Management Central overview
- (00:40) Lab 2: Management Central inventory and system values
- (00:10) Unit 3: Security concepts and overview
- (01:00) Unit 4: Security related system values
- (00:40) Unit 5: User security - Topic 1
- (00:45) Lab 3: Working with user profiles

### Day 2

- (00:10) Unit 5: User security - Topic 2
- (00:45) Lab 4: Working with group profiles
- (00:20) Unit 5: User security - Topics 3 - 4
- (00:45) Unit 6: Resource security - Topics 1 - 3
- (00:30) Lab 5: Working with authorization lists
- (00:25) Unit 6: Resource security - Topics 4 - 5
- (00:30) Lab 6: Working with object authority and adopted authority
- (00:30) Unit 7: Security auditing
- (01:00) Unit 8: Designing security

**Day 3**

- (02:00) Unit 9 - IBM Power based servers running IBM i availability overview
- (01:30) Unit 10 - Disk management
- (00:45) Unit 11 - Backup and recovery strategy using save/restore
- (00:25) Lab 7 - Media devices and virtual tape
- (00:45) Unit 11 - Backup and recovery strategy using save/restore (continued)

**Day 4**

- (00:25) Lab 8 - Save/restore
- (00:30) Unit 11 - Backup and recovery strategy using save/restore (continued)
- (01:00) Unit 12 - Journal management
- (00:50) Lab 9 - Journal management
- (00:30) Unit 12 - Journal management (continued)
- (01:00) Unit 13 - Commitment control overview
- (00:45) Lab 10 - Commitment control
- (01:00) Unit 14 - Backup and recovery planning

**Day 5**

- (01:20) Unit 15 - Problem determination
- (00:45) Lab 11 - Problem determination
- (00:45) Unit 16 - Overview of Systems Director Navigator for IBM i
- (00:45) Unit 17 - Introduction to Backup, Recovery, and Media Services (BRMS)

## 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

## Programme

- 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

## Session Dates

Ved forespørsel. Vennligst kontakt oss

## Tilleggsinformasjon

Denne treningen er også tilgjengelig som trening på stedet. Kontakt oss for å finne ut mer.