OS/400 Security Course

Course Duration: 3 days

Upon completion of this course, candidates are expected to be able to:

- Develop policies for securing objects
- Create, maintain, and delete user profiles, group profiles, and authorisation lists
- Protect objects with explicit authority, group profiles, and authorisation lists
- Set security-related system values referenced by user profiles with security policies
- Determine when adopted authority should be used
- Perform security audits
- Perform security tests such as stealing of user ID & password, elevation of user privileges, remote command execution, stealing of data, etc.

Course Outline:

1. *Introduction to Operating System/400*
    System Overview
    System Components
    System Commands
    Control Language

2. *User Profiles*
    User Classifications
    Special Authorities
    Limiting Capabilities
    User Control Over Own Profile
    IBM-supplied User Profiles
    Creating, Changing, and Deleting Profiles
    Using Model Profiles
    Group Profiles

3. *Object Authority*
    Object and Data Rights
    Authority Search Sequence
    Granting and Revoking Authority
    Libraries, Files, and Output Queues
    DLO and IFS Security
    Group Authority
    Object Ownership
    Public Authority
    Adopting Authority

4. *Security Controls*
    Setting the Security Level
    Limiting Device Sessions
    Invalid Sign-on Attempts
    Inactive Display Sessions
    Remote Sign On
    Password Rules
    Adopted Authority

5. *Security Strategies*
    Password, Menu, and Resource Security
    Using Group Profiles
    Using Authorisation Lists
    Object Ownership Policies
    Restricting Devices and Subsystems
    Security Officers and Administrators

6. *Security audit and testing*
    Building the Policy and Checklist
    Information Gathering
    Security Issues
    Exploits

The course is designed so that it can be of immediate use to attendees, and as such each modules has extensive hands-on exercises.

Who Should Attend?

- Internal auditors & IT security staff. If you are proficient in Wintel and UNIX security, you should probably learn AS/400 too so as not to be controlled by your AS/400 engineers!
- External auditors & pen-testers.

The course can be customised according to the attendees' profiles.

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