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IBM i Network and Web Security
Information

Length: 3.0 Days
Ref: AS18G-X
Delivery method: Classroom
Price: EUR

Overview

This course covers the following TCP/IP network security features of IBM i. The course is not intended to teach firewall principles. Course IBM i TCP/IP is a prerequisite for this course.

- Digital Certificate Manager
- Securing the IBM i FTP server
- Securing applications other than HTTP with SSL
- IBM i IP filters
- OpenSSH
- IBM i virtual private networks
- Single sign-on

Public

This intermediate course is intended for individuals who implement and/or support IBM i TCP/IP security.

Prerequisites

You should have:

- Basic IBM i skills including knowledge of the IFS
- Basic System i Navigator skills
- Basic Windows skills
- IBM i TCP/IP knowledge
- Experience in accessing the Internet

Objective

- List the IBM i functions of TCP/IP that can enhance security
- Locate documentation resources available for IBM i TCP/IP security features
- Acquire a digital certificate from a certificate authority
- Secure an FTP server using System i Navigator, FTP exit programs, and the IBM i Digital Certificate Manager

- Secure Telnet
- Configure and activate IP filters
- Set up and use OpenSSH in an IBM i environment
- Define and configure VPN between IBM i systems
- Plan and configure single sign-on in a Windows / IBM i environment

Topics

Day 1

- Course Introduction
- Unit 1: TCP/IP, the Internet, your internet, and security
- Exercise 1: Setting up a TCP/IP LAN connection using System i Navigator
- Unit 2: Digital Certificate Manager

Day 2

- Unit 3: File Transfer Protocol
- Exercise 2: Securing IBM i FTP servers
- Unit 4: Securing IBM i applications other than HTTP with SSL Exercise 3: Securing IBM i Access with SSL
- Unit 5: IBM i IP packet filters

Day 3

- Unit 5: IBM i IP packet filters
- Exercise 4: IP packet filters Unit 6: OpenSSH
- Unit 7: IBM i virtual private networks
- Unit 8: Single sign on

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