

MCSE + Exchange - 111hrs

Higher Certificate in Microsoft MCSE 2003 Network Engineer + Exchange System Engineer

課程簡介

於 2004 年，Microsoft 終於推出最新的 Email 及 Groupware 認證「MCSE 2003 Messaging」。在微軟的 Messaging 產品中，以 Exchange Server 為旗艦式產品，產品在推出近八年期間，在電郵群組伺服器中穩佔市場最高佔有率。很多大型企業及政府部門均採用 Exchange 作為其公司內部及對外的通訊橋樑。Exchange Server 不但是一個可靠及強力功能的電郵 Server，它更能提供一個 Collaboration (合作) 的電子平台，用家能在此平台上開發 Groupware (群組軟件)，加強公司的 workflow (工作流程) 效率。

課程目標

本課程針對系統工程人員，特別以電郵/群組 Server-Exchange 而設。課程將教授學員 Microsoft Server 2003 在網絡上的管理及設定，更特別教授在電郵/群組市場上佔有最高市場佔有率的 Microsoft Exchange 產品。修讀本課程後，除可支援及管理以 Microsoft 為主的網絡系統外，更可支援以 Exchange Server 為主的通訊平台，大大增加職場競爭力。修畢後，學員可考取以下專業資格：

1. MCP 2003
2. MCSA 2003
3. MCSE 2003
4. MCSA 2003 Messaging

課程內容

Exam 70-270: Installing, Configuring, and Administering Microsoft Windows XP Professional

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|---|---|
| ✧ Installing Windows XP Professional | ✧ Configuring Microsoft Internet Explorer and Application Compatibility |
| ✧ Adding Hardware to Microsoft Windows XP Clients | ✧ Configuring Microsoft Windows XP Professional to Operate in a Microsoft Network |
| ✧ Resolving Boot Process Issues | ✧ Configuring Windows for Mobile Computing |
| ✧ Configuring the Desktop Environment | |

Exam 70-290: Managing and Maintaining a Microsoft Windows Server 2003 Environment

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| ✧ Introduction to Administering Accounts and Resources | ✧ Managing Printing |
| ✧ Managing User and Computer Accounts | ✧ Managing Access to Objects in Organizational Units |
| ✧ Managing Groups | ✧ Implementing Group Policy |
| ✧ Managing Access to Resources | ✧ Managing the User Environment by Using Group Policy |
| ✧ Implementing Printing | ✧ Introduction to Security in Windows Server 2003 |

Exam 70-291: Implementing, Managing, and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

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| ✧ Configuring Routing by Using Routing and Remote Access | ✧ Managing and Monitoring Domain Name System (DNS) |
| ✧ Allocating IP Addressing by Using Dynamic Host Configuration Protocol (DHCP) | ✧ Resolving NetBIOS Names by Using Windows Internet Name Service (WINS) |
| ✧ Managing and Monitoring Dynamic Host Configuration Protocol (DHCP) | ✧ Securing Network Traffic by Using IPsec and Certificates |
| ✧ Resolving Names | ✧ Configuring Network Access |
| ✧ Resolving Host Names by Using Domain Name System (DNS) | ✧ Managing and Monitoring Network Access |

Exam 70-293: Planning and Maintaining a Microsoft Windows Server 2003 Network Infrastructure

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| ✧ Introducing Windows Server 2003 Network Infrastructure Planning, Tools, and Documentation | ✧ Planning and Optimizing WINS |
| ✧ Planning and Optimizing a TCP/IP Physical and Logical Network | ✧ Planning and Troubleshooting IPsec |
| ✧ Planning and Troubleshooting Routing and Switching | ✧ Planning Network Access |
| ✧ Planning, Optimizing, and Troubleshooting DHCP | ✧ Troubleshooting Network Access |
| ✧ Planning a DNS Strategy | ✧ Planning a Windows Server 2003 Network Infrastructure |
| ✧ Optimizing and Troubleshooting DNS | |

Exam 70-294: Planning, Implementing, and Maintaining a Microsoft Windows Server 2003 Active Directory Infrastructure

- ✧ Introduction to Active Directory Infrastructure
- ✧ Implementing an Active Directory Forest and Domain Structure
- ✧ Implementing an Organizational Unit Structure
- ✧ Implementing User, Group, and Computer Accounts
- ✧ Implementing Group Policy
- ✧ Deploying and Managing Software by Using Group Policy
- ✧ Implementing Sites to Manage Active Directory Replication
- ✧ Implementing the Placement of Domain Controllers
- ✧ Managing Operations Masters
- ✧ Maintaining Active Directory Availability
- ✧ Planning and Implementing an Active Directory Infrastructure

Exam 70-298: Designing Security for a Microsoft Windows Server 2003 Network

- ✧ Introduction to Designing Security
- ✧ Creating a Plan for Network Security
- ✧ Identifying Threats to Network Security
- ✧ Analyzing Security Risks
- ✧ Creating a Security Design for Physical Resources
- ✧ Creating a Security Design for Computers
- ✧ Creating a Security Design for Accounts
- ✧ Creating a Security Design for Authentication
- ✧ Creating a Security Design for Data
- ✧ Creating a Security Design for Data Transmission
- ✧ Creating a Security Design for Network Perimeters
- ✧ Designing Responses to Security Incidents

Exam 70-284: Implementing and Managing Microsoft Exchange Server 2003

- ✧ Install Exchange 2003
- ✧ Create and manage Storage Groups, Mailbox Stores, and Public Folder Stores
- ✧ Create and manage public folders, users, contacts, and distribution lists
- ✧ Configure full-text indexing
- ✧ Create and apply mailbox store and public folder store Policies
- ✧ Create a Simple Mail Transfer Protocol (SMTP) Connector to the Internet
- ✧ Create and connect Exchange Routing Groups
- ✧ Configure Microsoft Outlook® Web Access
- ✧ Install and configure Instant Messaging
- ✧ Implement and configure Exchange 2000 Conferencing Server
- ✧ Monitor and tune Exchange 2003 performance
- ✧ Backup Exchange 2003 data and restore Exchange 2003 after a disaster