Managing Windows 2003 Environment

Meet the expert: Rafiq Wayani has extensive experience including more than 20 years in IT as Systems Architect, Software Engineer, DBA, and Project Manager. Wayani has instructed in a variety of technical areas, has designed and implemented network and information systems, and is certified across a wide range of platforms and systems including Microsoft Solutions Developer, Systems Engineer, Application Developer, Database Administrator, Trainer; Novell Netware Administrator and Engineer; Master Certified Netware Engineer; and A Certified.

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Course description: Managing and Maintaining a Microsoft Windows Server 2003 Environment course will give you the knowledge and skills necessary to prepare to pass Microsoft exam 70-290. This course is intended for individuals pursuing the MCSA or MCSE on Windows Server 2003 certification.

Course outline:

Server Roles / Logon Process
- Introduction
- Computer Roles
- Windows Server 2003 Editions
- Directory Services
- Active Directory Demo
- Organize / Manage Resources
- Logon Process
- Local / Domain Logon Demo
- Secondary Logon Demo
- Summary

AD Users and Computers / DNS
- Introduction
- AD Users and Computers
- AD Users and Computers Demo
- Adding a New User in AD
- Adding a New Computer in AD
- Insert Client into a Domain
- AD Sites and Services
- AD Domains and Trusts
- Computer Management
- Tools
- Domain Name Service (DNS)
- DNS Demo
- Add an Alias
- Best Practices
- Summary

AD Terms / Remote / MMC
- Introduction
- Active Directory Terms
- Remote Desktop
- Enable Remote Desktop
- Remote Desktop Options
- Save Rem. Desktop Shortcuts
- Adminpak.msi
- Install Adminpak.msi
- Adminpak Demo
- MS Management Console
- MMC Demo
- Add Snap-Ins to MMC
- Disable User Account
- Create User Template
- Add New User Using Template
- Create User Using DSADD
- Remove User Using DSRM
- Best Practices
- Summary

OUs / Searching / Groups
- Introduction
- Organization Unit Models (OU)
- Organization Unit Demo
- Names Associated with OUs
- Searching in Active Directory
- Searching in AD Demo
- Using the Find Tool in AD
- Using Custom Search
- Using Common Queries
- Create/Use Saved Queries
- Domain Functional Levels
- Groups in Active Directory
- Create a New Group
- Domain/Forest Levels
- Add a Group Using DSADD
- Remove a Group Using DSRM
- Find a User in a Group Visually
- Work with Groups Using dsget
- Modifying Group Scope
- Best Practices
- Summary

Security / Shared Folders
- Introduction
- Access to Resources
- User SID, ACE, and DACL Info
- Folder and File Security
- Well-Known SIDs
- Well-Known SIDs Demo
- Permissions
- Permissions Demo
- Permission Types
- Permissions in AD
- Shared Folders
- Shared Folders Demo
- Network vs NTFS Permissions
- Shared Folder Permissions
- Hide a Shared Folder
- View a Hidden Shared Folder
- Naming a Share
- Create Shares from cmd
- Best Practices
- Summary

Shares / NTFS
- Introduction
- Administrative Shares
- View all Local Drive Shares
- Administrative Shares cont.
- View Administrative Shares
- Shared Folders
- Perm. to Create Shared Folder
- Create Shared Folders
- Publish Shared Folders
- Publish a Shared Folder in AD
- Map a Drive to a Shared Folder
- Shared Folder Permissions
- Shared Folder Perm. Demo
- NTFS
- File and Folder Permissions
- NTFS Permissions Demo
- Best Practices
- Summary

Perm. / Caching / Printing
- Introduction
- Copy/Move Data Within NTFS
- Copy/Move Folders Demo
- Effective Permissions
- Determine Effective Permission
- Offline Files
- Offline Folder Caching
- Offline Caching Demo
- Printing Terminology
- Clients that Can Print
- Printing Methods
- Connect Printer Using TCP/IP
- Shared Network Printer
- Shared Printer Permissions
- Setting Shared Printer Perm.
- Printer Drivers

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