

-Dokumentation



Zentrum für Informatik ZFI AG

Managing a Microsoft Windows 2000 Network Environment (W2MN) - IT Ausbildung nach Mass

<http://www.zfi.ch/W2MN>

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Titel	Managing a Microsoft Windows 2000 Network Environment
Untertitel	
Einleitung	Das Ziel dieses Kurses ist, Ihnen das Wissen zu vermitteln um Windows 2000 basierte Netzwerk- und Server-Umgebungen zu implementieren, verwalten und unterstützen.
Ihr Nutzen	Nach diesem Kurs sind Sie in der Lage (Originalbeschreibung): Publish and maintain printers and shared folders. Delegate administrative control of an organizational unit. Install and configure the Domain Name System (DNS) service. Identify Active Directory® directory service replication latency issues and resolve conflicts that result from replication. Implement Group Policy to centrally manage users and computers. Manage users' desktops and software by using Group Policy. Implement security settings and account policies by using Group Policy. Implement and manage Web-based services in an intranet. Implement Remote Access Service (RAS) and manage remote access by using remote access policies. Implement and manage the Dynamic Host Configuration Protocol (DHCP) service. Implement name resolution for client computers by using DNS and Windows Internet Name Service (WINS). Troubleshoot client computer startup and user logon problems.
Voraussetzungen	Dieser Kurs setzt voraus, das Sie folgende Seminare erfolgreich absolviert haben: "Microsoft Windows 2000 Network and Operating System Essentials" (ZFI-Kurs: W2NE) "Implementing Microsoft Windows 2000 Professional and Server" (ZFI-Kurs: W2IM)
Teilnehmerkreis	System- und Network-Administratoren, IT Professionals und Technical Support Specialists
Unterlagen	Original Microsoft (in Englisch, auf Deutsch falls verfügbar)
Folgekurse	
Inhalt	Module 1: Introduction to Managing a Windows 2000 Network Windows 2000 Network Management Tasks Using Active Directory for Centralized Management Delegating Administrative Control Managing Network Resources This module provides students with an introduction to administering a Windows 2000 network. The module provides a foundation for the course by introducing the concepts of centralized management and decentralized administration of a Windows 2000 network. Module 2: Introducing Active Directory Overview of Active Directory Active Directory Logical Structure Active Directory Physical Structure This module provides students with an introduction to implementing and administering a Windows 2000 network by using Active Directory. The module introduces the concepts of Active Directory and its logical and physical structures. This module also provides an overview of how Active Directory enables the centralized management and decentralized administration. Module 3: Managing Shared Network Resources Introduction to Publishing Resources Setting Up and Managing Published Printers Implementing Printer Locations Maintaining Printer Resources Setting Up and Administering Published Shared Folders Monitoring Access to Shared Folders Troubleshooting User Access to Network File Resources Troubleshooting Published

Resources
Best Practices
Module 4: Delegating Administrative Control
Introduction to Delegating Administrative Control
Controlling Access to Active Directory Objects
Delegating Administrative Control of Active Directory Objects
Managing Computer Accounts
Customizing Microsoft Management Consoles (MMCs)
Setting Up Taskpads
Best Practices
Module 5: Managing DNS
Overview of the DNS Query Process
Creating Zones
Configuring Zones
Configuring DNS Updates
DNS Name Resolution in Active Directory
Maintaining and Troubleshooting DNS Servers
Best Practices
Module 6: Examining Active Directory Replication
Introduction to Active Directory Replication
Replication Components and Processes
Using Sites to Optimize Active Directory Replication
Identifying Replication Problems by Using Event Viewer
Backing Up and Restoring Active Directory
Module 7: Implementing Group Policy
Group Policy Structure
Working with Group Policy Objects
How Group Policy Settings Are Applied in Active Directory
Modifying Group Policy Inheritance
Troubleshooting Group Policy
Best Practices
Module 8: Using Group Policy to Manage the Desktop Environment
Introduction to Managing User Environments
Using Administrative Templates in Group Policy
Assigning Scripts by Using Group Policy
Using Group Policy to Redirect Folders
Troubleshooting User Environment Management
Introduction to Managing Software Deployment
Deploying Software
Managing Software
Identifying Solutions to Software Deployment Problems
Best Practices
Module 9: Managing Network Security
Securing the User Environment by Using Group Policy
Configuring Account Policies by Using Group Policy
Analyzing Security Log Files to Detect Security Breaches
Helping to Protect the Logon Process
Examining Service Packs, Hotfixes, and Antivirus Software
Best Practices
Module 10: Managing Web Services
Overview of Internet Information Services
Configuring Web Server Properties
Creating Web Sites and Virtual Directories
Managing Web Site Content
Identifying and Configuring User Authentication
Configuring User Access to Web Pages
Configuring Web Browsers
Maintaining a Web Server
Module 11: Managing Remote Access
Overview of Remote Access in Windows 2000
Configuring the Remote Access Server
Configuring Authentication Protocols
Configuring Encryption Protocols
Configuring Routing and Remote Access for DHCP Integration
Examining Remote Access Policies
Examining Remote Access Policy Evaluation
Creating a Remote Access Policy
Configuring the Remote Access Client
Best Practices
Module 12: Implementing and Managing DHCP
Overview of DHCP
Installing the DHCP Service
Authorizing the DHCP Service
Creating and Configuring a Scope
Configuring DHCP in a Routed Network
Support DHCP
Best Practices
Module 13: Implementing Name Resolution
Introduction to Name Resolution
NetBIOS Name Resolution
Using WINS for NetBIOS Name Resolution
Host Name Resolution
Configuring Name Resolution for Client Computers
Using DNS for Host Name Resolution
Troubleshooting Name Resolution
Best Practices
Module 14: Troubleshooting Client Computer Startup and User Logon Problems
The Startup Process for Clients Running Windows 95 and Windows 98
The Windows NT-Based Startup Process
Using Advanced Startup Options to Start the Computer
Using the Last Known Good Configuration to Start the Computer
Using the Recovery

Beitrag

ConsoleTroubleshooting the User Logon ProcessThis module provides students with the skills and knowledge necessary to troubleshoot client startup and user logon problems.

Der Teilnehmerbeitrag versteht sich rein netto. Das ZFI ist (gemäss MwSt-Gesetz) nicht Mehrwertsteuerpflichtig und erhebt somit keine MwSt. Bei länger als einen Monat dauernden Lehrgängen ist die Zahlung des Teilnehmerbeitrages in mehreren Raten möglich (pro rata temporis).