

-Dokumentation



Zentrum für Informatik ZFI AG

Updating Systems Administrator Skills from

Win.2000 to Win.Server 2003 (W3UA) - IT

Ausbildung nach Mass

<http://www.zfi.ch/W3UA>

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Titel	Updating Systems Administrator Skills from Win.2000 to Win.Server 2003
Untertitel	Ein Workshop für Umsteiger
Einleitung	Dieser Kurs vermittelt Ihnen als Windows 2000 System-Administrator alles Notwendige um auch Windows Server 2003 Umgebungen zu verwalten und unterhalten.
Ihr Nutzen	Nach diesem Kurs sind Sie in der Lage (Originalbeschreibung):Identify the systems administration tasks in Windows Server 2003 that are new or different from the tasks performed in Windows 2000.Manage user, computer, and group accounts in a Windows Server 2003 Active Directory-based environment.Use the Group Policy Management Console (GPMC) to manage Group Policy.Manage resources and security.Configure and manage DNS.Manage servers in remote locations.Manage Terminal Services.Manage IIS 6.0 Web Services.Maintain computers that run Windows operating systems by implementing and managing Software Update Services.Prepare for and implement disaster recovery solutions.
Voraussetzungen	Dieser Kurs setzt einen Kenntnis- und Erfahrungsstand in Windows 2000 wie bei einem MCSE oder MCSA voraus..
Teilnehmerkreis	Der Kurs richtet sich an erfahrene Windows 2000 System-Administratoren die aktiv Netzwerkumgebungen auf Windows 2000 Active Directory verwalten und auf eine effiziente, übungsbetonte Weise den Umstieg auf die Windows Server 2003 Umgebung bewältigen wollen.
Unterlagen	Original Microsoft (in Englisch, auf Deutsch falls verfügbar)
Folgekurse	W3UE
Inhalt	Unit 1: Introduction to Systems Administration in Windows Server 2003This unit explains how to perform systems administration tasks in a Windows Server 2003 environment, and introduces the scenarios and tools that will be used throughout the workshop.Unit ObjectivesAfter completing this unit, students will be able to:Identify the products in the Windows Server 2003 family.Describe the tools and resources available to perform tasks throughout the workshop.Unit 2: Managing Users, Computers, and GroupsThis unit explains how to manage users, computers, and groups in an Active Directory directory service environment, taking advantage of the new capabilities available in Windows Server 2003.Unit ObjectivesAfter completing this unit, students will be able to:Create user accounts by using CSVDE.Create user accounts by using the dsadd command.Modify the properties of multiple accounts.Create computer accounts by using the dsadd command.Create groups by using the dsadd command.Add members to a group by using the dsmod command.Copy the properties from an existing account when creating a new account.Find Active Directory objects.Move an Active Directory object by using the drag and drop technique of management in Active Directory Users and Computers.Reset computer accounts.Describe the effect of resetting passwords in Windows Server 2003.Determine the effective permissions on an Active Directory object.Unit 3: Using the GPMC to Manage Group PolicyThis unit gives a hands-on, fast-paced opportunity to experienced users to orient themselves to Windows Server 2003 and learn how to use the Group Policy Management Console (GPMC) to manage Group

Policy.Unit ObjectivesAfter completing this unit, students will be able to:**Implement Group Policy by using the GPMC.**Use the gpupdate command to refresh a GPO.**Manage GPOs by using the GPMC, which includes:**Backing up a GPO.Copying a GPO.Importing a GPO.**Use Group Policy Results to troubleshoot Group Policy-related issues.**Use Group Policy Modeling to experiment with possible Group Policy configurations.**Unit 4: Managing Resources and Security**This unit explains how to use enhancements to the tools available in Windows Server 2003 to manage resources and security by using Windows Explorer, Group Policy management tools, and the Security Configuration and Analysis tool.**Unit Objectives**After completing this unit, students will be able to:**Determine the effective NTFS permissions for files and folders.**Change the owner for an existing file or folder.**Create custom security templates.**Apply security templates by using Group Policy.**Configure NTFS permissions by using security templates.**Audit security settings by using Security Configuration and Analysis.**Unit 5: Managing DNS**This unit gives a hands-on, fast-paced opportunity to experienced users to orient themselves to Windows Server 2003 and learn how to configure and manage DNS.**Unit Objectives**After completing this unit, students will be able to:**Install DNS by using the Manage Your Server tool.**Create forward lookup zones.**Create reverse lookup zones.**Configure DNS conditional forwarding.**Configure DNS zones, which includes:**Configuring zone options.**Configuring zones for secure dynamic update.**Configuring Active Directory integrated zones.**Create DNS stub zones.****Unit 6: Managing Servers**This unit explains how to manage servers remotely using secure best practices.**Unit Objectives**After completing this unit, students will be able to:**Create desktop shortcuts that run the Run as command.**Connect to a remote server by using MMC snap-in tools.**Connect to a remote server by using the Remote Desktop Connection utility.**Determine the best tool to use for remote administration in specific situation.**Configure client connection speed for the Remote Desktop Connection utility.**Configure auto reconnect for the Remote Desktop Connection utility.**Unit 7: Managing Terminal Services**This unit explains how to configure and manage Terminal Services and take advantage of the new capabilities available with that service.**Unit Objectives**After completing this unit, students will be able to:**Install Terminal Services.**Install a Terminal Services Licensing server.**Configure Terminal Services, which includes:**Setting the level of encryption for terminal server user sessions.**Controlling terminal server user connection access.**Configuring time-out settings from remote connections.**Monitoring remote desktop connection sessions.**Manage user sessions by using Terminal Services Manager.**Diagnose and resolve issues related to Terminal Services security.**Diagnose and resolve issues related to Terminal Server License issues.**Unit 8: Managing IIS 6.0 Web Services**This unit explores the new skills needed to manage and maintain the IIS service on Windows Server 2003. This unit will provide students with hands-on experience configuring and managing the IIS service, and highlights the default state of the service when Windows Server 2003 is installed.**Unit Objectives**After completing this unit, students will be able to:**Install IIS 6.0.**Configure authentication.**Install ASP.NET.**Allow ASP.NET in Web service extensions.**Manage ASP.NET configuration**

files. Implement Web applications. Implement application pooling. Manage the IIS 6.0 metabase. Manage an IIS server in a remote location. Monitor and optimize IIS 6.0. Unit 9: Maintaining Software by Using Software Update Services This unit explains how to use SUS to perform patch management for a networked environment. Unit Objectives After completing this unit, students will be able to: Install and configure SUS on a server. Configure automatic updates. Use Group Policy to configure SUS clients. Manage a software update infrastructure. Back up and restore an SUS configuration. Test an SUS implementation. Unit 10: Managing Disaster Recovery This unit explains how to use the new capabilities available with Windows Server 2003 to restore a system to a previous state. The students will practice troubleshooting and repairing a system by using features such as ASR and driver rollback in a lab environment to restore a system to a predefined state. Unit Objectives After completing this unit, students will be able to: Use Automatic System Recovery (ASR) to back up and restore a server. Restore data from shadow copies. Roll back to a previous version of a device driver. Configure security for backup operations. Troubleshoot problems associated with restoring data. Troubleshoot issues related to the boot process.

Beitrag

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