
Fundamentals of Windows Server 2008

Dauer: 5 Tage Kurscode: M6420

Kursbeschreibung:

In diesem 5-tägigen Kurs MOC6420 erlangen Sie die Grundkenntnisse und erlernen Konzepte zur Konfiguration und Wartung des Netzwerkes unter MS Windows Server 2008R2. Das Seminar ist auch IT Professionals geeignet, die aus anderen Bereichen kommen, um einen Überblick über Windows Server 2008 zu erhalten.

Zielgruppe:

Dieses Seminar richtet sich an IT-Professionals und Supportmitarbeiter.

Kursziele:

- Beschreibung der Netzwerk Grundlagen zur Erfassung passender Netzwerkkomponenten in einem bestimmten Szenario
 - Einrichten eines Netzwerkes unter Auswahl von Netzwerk-Hardware Komponenten und Technologien und Bestimmung der entsprechenden Komponenten
 - Beschreibung von TCP/IP und Einrichten von IPv4 innerhalb einer Windows Server Umgebung
 - Auswahl der passenden Storage Technologie und Konfigurieren von Storage mit Windows Server
 - Installation von Windows Server2008R2 von CD
 - Beschreibung von Server Rollen Implementieren und Konfigurieren eines Active Directory DS Verzeichnisbaumes
 - Beschreibung des defense in depth Konzeptes und seiner Implementierung in Windows Server Identifizieren der Security Features in Windows Server, die defense in depth unterstützen
 - Identifizieren der Netzwerk Sicherheits Komponenten zum Minimieren der Bedrohung
 - Identifizieren und Implementieren von zusätzlicher Software zur Erweiterung der Sicherheit des Unternehmensnetzwerkes
 - Sicherstellung von Performance
 - Identifizieren der Windows Server Tools zur Wartung und zum Troubleshoot von Windows Server
 - Erstellen und Konfigurieren von virtuellen Maschinen mit Hyper-V
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Voraussetzungen:

A -, Server - und Network -Zertifizierung, Erfahrung mit einer MS Windows 2003-Umgebung und mit Netzwerktechnologien

Tests und Zertifizierungen

MCTS: Windows Server 2008 Networking Infrastructure Configuration;
Examen: 70-642

Folgekurse:

M6421 - Configuring and Troubleshooting a Windows Server 2008 Network Infrastructure

Schulungsinhalt:

Module 1: Understanding Network Infrastructure

In this module, students will learn how to describe fundamental network component and terminology thus enabling the student to select an appropriate network component in a particular scenario. Students will also learn to determine the appropriate network infrastructure component for a given scenario.

Module 2: Connecting Network Components

In this module, students will learn to build a network using network hardware components and technologies. The student will also learn to determine the appropriate network hardware and wiring components for a given situation.

Module 3: Implementing TCP/IP

In this module, students will describe the protocols and services within the TCP/IP suite of protocols. Students will also learn to implement IPv4 within a Windows environment.

Module 4: Implementing Storage in Windows Server

This module will introduce students to different storage technologies, discuss how to implement the storage solutions in Windows Server 2008 R2 and will finish with helping you detail a resilient strategy for your storage that will be tolerant in various ways, helping to avoid unplanned downtime and loss of data.

Module 5: Windows Server Installation and Configuration

In this module, students will learn to understand the various options available for installing Windows Server and to complete an installation. Students will also launch a local media setup and then perform the post-installation configuration of a server.

Module 6: Windows Server Roles

In this module, students will learn to deploy server roles to support a business scenario.

Students will also learn to implement appropriate server roles to support a given scenario.

Module 7: Implementing Active Directory Domain Services

In this module, students will learn to implement an AD DS forest.

Students will also create and configure an AD DS forest.

Module 8: Implementing IT Security Layers

In this module, students will learn the concept of defense-in-depth and how to implement this approach with Windows Server. Students will also learn to implement security best practices to help to secure the network.

Module 9: Implementing Windows Server Security

In this module, students will understand security features in Windows Server to help to provide defense-in-depth. Students will also implement some of the Windows Server security features.

Module 10: Implementing Network Security

In this module, students will describe the security-related threats to an organization's network and the technologies available in Windows Server to mitigate these risks.

Students will also implement network-related security features in Windows Server.

Module 11: Implementing Security Software

In this module, students will identify and implement additional software components to enhance an organization's security. Students will also analyze and secure a Windows Server.

Module 12: Monitoring Server Performance

In this module, students will identify a poorly performing server. Students will also monitor a server to determine the performance level.

Module 13: Maintaining Windows Server

In this module, students will understand the tools available and the methods to employ to maintain and troubleshoot Windows Server. Students will also learn how to maintain and troubleshoot Windows Server systems.

Module 14: Implementing Virtualization

In this module, students will understand the virtualization technologies provided by Microsoft. Students will also create and configure a virtual machine with Hyper-V.

Hinweis:

Es werden original Microsoft MOC 6420 Unterlagen verwendet.

Weitere Informationen:

Für weitere Informationen oder Buchung kontaktieren Sie uns bitte unter 0800 / 295 26 33

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