
Fundamentals of a Windows Server 2008 Network Infrastructure and Application Platform

Varighed: 5 Days Kursus Kode: M6420

Beskrivelse:

This five-day instructor-led course introduces students to network infrastructure and application platform concepts and configurations provided by Windows Server 2008. Students will be able to acquire a fundamental understanding in order to pursue advanced topics available for certification in the infrastructure or application platform services.

Målgruppe:

This course is intended for new IT employees or Desktop Support workers moving into server support. The information in this course allows them acquire a fundamental understanding of Windows networks to pursue advanced topics. This course is also useful for those migrating from competitive platforms to Windows Server 2008.

Agenda:

- Describe the fundamentals of an enterprise networking environment.
 - Describe the typical roles of IT Professionals in an enterprise environment.
 - Describe TCP/IPv4 configurations, protocols, and tools.
 - Describe the fundamentals of communication technologies.
 - Create an IPv4 address range and subnet.
 - Configure IPv6 addresses.
 - Administer a Windows 2008 server.
 - Describe basic security concepts for server roles.
 - Describe how to secure network traffic by using certificates.
 - Configure Windows Firewall.
 - Configure and troubleshoot remote access.
 - Describe routing concepts, protocols, and quality of service.
 - Configure and test network load balancing.
 - Configure network print resources and printing pools.
 - Describe the functions included with Windows Server Virtualization (WSV).
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Forudsætninger:

Before attending this course, students must have:

- A+, Server+, hardware portion of Net+, and familiarity with Windows (client side)
 - Working knowledge of a Windows 2003 environment
 - Working knowledge of networking technologies
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Indhold:

Module 11: Remote Access Fundamentals

This module explains how to configure network policies, configure a radius proxy, and how to troubleshoot NPS as a radius proxy.

- Remote Access Overview
- RADIUS Overview
- Network Policy Server
- Troubleshooting Remote Access
- Module 12: Routing Fundamentals
This module describes routing concepts and protocols, and explains how quality of service can be used within a network environment.
- Routing Fundamentals
- What Is a Router?
- Configuring RRAS as a Router
- Quality of Service
- Module 13: Network Load Balancing Fundamentals
This module explains how to configure and test network load balancing.
- Network Load Balancing Fundamentals
- Server Availability and Scalability Overview
- Windows Network Load Balancing
- Configuring Windows Network Load Balancing .
- Module 14: Configuring Print Resources and Printing Pools
This module explains how to configure network print resources and printing pools.
- Configuring Print Resources and Printing Pools
- Printing Overview
- Configuring Network Printers
- Using Print Management
- Managing Printers
- Troubleshooting Network Printing
- Module 15: Server Virtualization Overview
This module describes the fundamental functions included with Windows Server Virtualization (WSV).
Lessons
- Server Virtualization Overview
- Creating a Virtual Environment

Flere Informationer:

For yderligere informationer eller booking af kursus, kontakt os på tlf.nr.: 44 88 18 00

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