DURATION: 5 days
COURSE: 6439

COURSE OBJECTIVE

After completing the training, the participants will be able to:

- Configuring Storage for Windows Server 2008 and Windows Server 2008 R2 Applications
- Configuring High Availability for Windows Server 2008 and Windows Server 2008 R2 Applications
- RDS in the Single-Server Configuration
- RDS in the Multiple-Server Configuration
- Securely Delivering RDS Applications to the Internet
- IIS Web Applications
- IIS FTP and SMTP Services
- IIS Server and SSL Management
- Microsoft SharePoint Foundation
- Windows Streaming Media Services

WHO SHOULD ATTEND

This course is intended for IT Professional technical specialists who work in the complex computing environment of a medium to large company and are responsible for the underlying Microsoft technologies that support a business application infrastructure in Windows Server 2008 and Windows Server 2008 R2.

6439 - Configuring and Troubleshooting Windows Server® 2008 Application Infrastructure

INTRODUCTION

This course introduces students to a series of Windows Server 2008 technologies that are used in common business scenarios, and are often the technical underpinnings for business applications. It guides students through the installation, configuration, management and troubleshooting of a Windows Server 2008 technology infrastructure for a large, comprehensive business application, assisting them with the foundational knowledge required for success in supporting such technologies. It covers technologies in Windows Server 2008 and Windows Server 2008 R2 including Sp1.

COURSE OUTLINE

Module 1: Configuring Storage for Windows Server 2008 Applications

- Lesson 1: Storage Concepts in Windows Server 2008
- Lesson 2: Configuring iSCSI Storage for Windows Server
- Lesson 3: Working with Virtual Hard Disks

Module 2: Configuring High Availability for Windows Server 2008 Applications

- Lesson 1: Network Load Balancing Fundamentals
- Lesson 2: Implementing a Network Load Balancing Cluster
- Lesson 3: Windows Failover Cluster Fundamentals
- Lesson 4: Preparing for Failover Clustering
- Lesson 5: Implementing a Windows Failover Cluster

Module 3: Configuring Remote Desktop Services

- Lesson 1: Remote Desktop Services Overview
- Lesson 2: Configuring a Remote Desktop Services Host Server
- Lesson 3: Configuring the Remote Desktop User Experience
- Lesson 4: Deploying and Connecting to Remote App programs
- Lesson 5: Connecting Users to Applications with RD Web Access and RADC
- Lesson 6: Configuring Licensing for Remote Desktop Services

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PRE-REQUISITES

Before attending this course, students must have:

- Up to one year of experience managing Windows Server 2008 and/or Windows Server 2008 R2 in a medium-to-large networking environment of multiple physical locations.
- At least two years of experience configuring and managing Windows Vista or Windows 7 clients
- Experience managing applications and network technologies in an enterprise environment, which may include network services and resources such as messaging, databases, file and print, a firewall, Internet access, an intranet, Public Key Infrastructure, remote access, remote desktop, virtualization, and client computer management.
- Experience managing connectivity requirements such as connecting branch offices and individual users in remote locations to corporate resources and connecting corporate networks.

Module 4: RDS in the Multiple-Server Configuration

- Lesson 1: Building an RDS Server Farm
- Lesson 2: Monitoring the RDS Environment

Module 5: Securely Delivering RDS Applications to the Internet

- Lesson 1: Remote Desktop Gateway Fundamentals
- Lesson 2: Installing and Managing the RDG

Module 6: IIS Web Applications

- Lesson 1: IIS Functional Overview
- Lesson 2: Creating IIS Web Sites and Applications
- Lesson 3: Managing IIS Web Sites and Applications

Module 7: IIS FTP and SMTP Services

- Lesson 1: Implementing and Configuring IIS FTP Sites
- Lesson 2: Implementing and Configuring IIS SMTP Sites

Module 8: IIS Server and SSL Management

- Lesson 1: Monitoring and Logging IIS
- Lesson 2: Managing IIS and SSL Security
- Lesson 3: Managing IIS Administrative Delegation and Remote Administration

Module 9: Microsoft SharePoint Foundation

- Lesson 1: Installing and Configuring SharePoint Foundation
- Lesson 2: SharePoint Foundation Integration

Module 10: Windows Streaming Media Services

- Lesson 1: Installing and Configuring Streaming Media Services
- Lesson 2: Securing Streaming Media

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