

Course Outline: 6428 _ Configuring and Troubleshooting Windows Server 2008 Terminal Services

Learning Method: Instructor-led Classroom Learning

Duration: 2.00 Day(s)/ 16 hrs

Overview:

This two-day instructor-led course provides students with the knowledge and skills to configure, manage, monitor, and troubleshoot a Terminal Services (TS) environment. The course focuses on configuring of TS core functionality, licensing, Gateway, and Web Access. This is the second course in the Windows Application Platform Services Technology Specialists Who Use Windows Server 2008 curriculum and will introduce the students to the Windows 2008 Terminal Services.

Who Should Attend: This course is intended for individuals who are employed as a Systems Administrator, Systems Engineer and IT Manager

At Course Completion:

After completing this course, students will be able to:

- Install and configure the TS role
- Configure TS settings.
- Identify the appropriate licensing scope and configure forest, domain, and workgroup licensing.
- Identify when to use the per-user and per-device licensing modes.
- Install the TS Licensing Role.
- Configure TS licensing for per-user and device licenses.
- Manage the licensing lifecycle.
- Configure TS connection properties using TS console and Group Policy.
- Troubleshoot TS connection properties for a single user and multiple users.
- Identify the considerations for the types of applications that can be installed in a TS environment.
- Install applications on TS.
- Configure TS Web Access to make TS RemoteApp programs available through a Web site.
- Configure TS Easy Print.

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- Install and configure TS Web Access role service.
- Configure a TS session broker for a load-balanced TS farm.
- Configure TS Gateway properties
- Monitor active connections using TS Gateway console.
- Troubleshoot a TS Gateway connectivity issue.
- Manage TS connections to ensure availability of the TS.
- Resolve client connectivity issues by verifying end-user configuration using Remote Desktop Connection (RDC).
- Monitor TS connections to determine when to force client disconnect.
- Identify monitoring methods for TS services role.
- Configure resource allocation policies using WSRM based on the environment.
- Monitor WSRM performance using the WSRM Monitoring TS tool.

Outline:

Module 1: Configuring Terminal Services Core Functionality

Lessons

- Configuring TS Role
- Configuring TS Settings

Lab: Configuring TS Core Functional

- Installing and Configuring TS Role
- Configuring TS Settings

Module 2: Configuring and Managing Terminal Services Licensing

Lessons

- Configuring TS Licensing
- Managing TS Licenses

Lab: Configuring and Managing TS Licensing

- Installing the TS Licensing Role
- Configuring TS Licensing
- Managing TS Licensing

Module 3: Configuring and Troubleshooting Terminal Services Connections

Lessons

- Configuring TS Connection Properties
- Configuring TS Properties Using Group Policy
- Troubleshooting TS

Lab: Configuring and Troubleshooting TS Connections

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- Installing the TS Connection Properties
- Troubleshooting Connectivity Issues

Module 4: Configuring Terminal Services Resources

Lessons

- Installing Applications
- Configuring Remote Applications
- Configuring Printers

Lab: Configuring TS Resources

- Configuring and Deploying TS RemoteApp Programs
- Configuring TS Easy Print

Module 5: Configuring Terminal Services Web Access

Lessons

- Installing the TS Web Access Role Service

Lab : Configuring TS Web Access

- Configuring TS Web Access
- Configuring TS RemoteApp Programs for TS Web Access

Module 6: Configuring Session Broker

Lessons

- Configuring a TS Session Broker for a Load-Balanced Farm

Lab : Configuring a Session Broker

- Configuring a Session Broker to Manage Traffic to Servers

Module 7: Configuring and Troubleshooting Terminal Services Gateway

Lessons

- Configuring TS Gateway
- Troubleshooting TS Gateway Connectivity Issues

Lab : Configuring and Troubleshooting TS Gateway

- Configuring and Monitoring TS Gateway
- Troubleshooting TS Gateway Connectivity

Module 8: Managing and Monitoring Terminal Services

Lessons

- Managing Current TS Connections
- Monitoring TS Connections
- Configuring WSRM for TS

Lab : Managing and Monitoring TS

- Managing TS Connections

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- Monitoring TS Connections
- Configuring WSRM for TS

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