

Course Outline

6428- Configuring and Troubleshooting Windows Server 2008 Terminal Services



Duration: 2 day (12 hours)

Target Audience:

This course is intended for an individual whose primary role is a Technology Specialist in an enterprise environment. Also, individuals who are assuming a new role requiring skills to manage connections served by a terminal server session over the intranet, extranet, and Internet would be interested in this course.

Prerequisites:

Before attending this course, students must have technical knowledge equivalent to the following course:

- Course 6420 Foundational Series: Fundamentals of a Windows Server 2008 Network Infrastructure and Application Platform

Or

- Windows Server 2003 Terminal Server experience in an enterprise environment
- Minimum of one year of experience administering and supporting TS
- Minimum of one year of experience administering and supporting Windows Server 2003 or Windows Server 2003 R2
- Minimum of one year of administering certificate services
- Network + certification

Topics Covered:

- Module 1: Configuring Terminal Services Core Functionality
 - Configuring TS Role
 - Configuring TS Settings
 - Lab: Configuring TS Core Functionality
 - Installing and Configuring TS Role
 - Configuring TS Settings

After completing this module, students will be able to:

- Install and configure the TS role.
- Configure TS settings.

- Module 2: Configuring and Managing Terminal Services Licensing
 - Configuring TS Licensing
 - Managing TS Licenses
 - Lab: Configuring and Managing TS Licensing
 - Installing the TS Licensing Role
 - Configuring TS Licensing
 - Managing TS Licensing

After completing this module, students will be able to:

- Identify the appropriate licensing scope.
- Configure the license server scope: 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 licenses.
- Identify considerations when configuring TS licensing for per-device licenses.
- Manage the licensing lifecycle.

➤ Module 3: Configuring and Troubleshooting Terminal Services Connections

- Configuring TS Connection Properties
- Configuring TS Properties Using Group Policy
- Troubleshooting TS
 - Lab: Configuring and Troubleshooting TS Connections
 - Installing the TS Connection Properties
 - Troubleshooting Connectivity Issues

After completing this module, students will be able to:

- Configure TS connection properties using the TS console.
- Configure TS properties using Group Policy.
- Troubleshoot TS connection properties for a single-user
- Troubleshoot TS connection properties for multiple- users.

➤ Module 4: Configuring Terminal Services Resources

- Installing Applications
- Configuring Remote Applications
- Configuring Printers
 - Lab: Configuring TS Resources
 - Configuring and Deploying TS RemoteApp Programs
 - Configuring TS Easy Print

After completing this module, students will be able to:

- Identify the considerations for the types of applications that can be installed in a TS environment.
- Install applications in a TS environment.
- Configure TS Web Access to make TS RemoteApp programs available through a Web site.
- Configure TS Easy Print.

➤ Module 5: Configuring Terminal Services Web Access

- Installing the TS Web Access Role Service
 - Lab: Configuring TS Web Access
 - Configuring TS Web Access
 - Configuring TS RemoteApp Programs for TS Web Access

After completing this module, students will be able to:

- Install the TS Web Access role service.
- Configure TS Web Access.
- Configure TS RemoteApp programs for TS Web Access.

- Module 6: Configuring Session Broker
 - Configuring a TS Session Broker for a Load-Balanced Farm
 - Lab: Configuring a Session Broker
 - Configuring a Session Broker to Manage Traffic to Servers

After completing this module, students will be able to:

- Configure a TS session broker for a load-balanced TS farm.
- Module 7: Configuring and Troubleshooting Terminal Services Gateway
 - Configuring TS Gateway
 - Troubleshooting TS Gateway Connectivity Issues
 - Lab: Configuring and Troubleshooting TS Gateway
 - Configuring and Monitoring TS Gateway
 - Troubleshooting TS Gateway Connectivity

After completing this module, students will be able to:

- Define when to use TS Gateway.
- Configure TS Gateway properties.
- Monitor active connections using TS Gateway console
- Troubleshoot a TS Gateway connectivity issue.

- Module 8: Managing and Monitoring Terminal Services
 - Managing Current TS Connections
 - Monitoring TS Connections
 - Configuring WSRM for TS
 - Lab: Managing and Monitoring TS
 - Managing TS Connections
 - Monitoring TS Connections
 - Configuring WSRM for TS

After completing this module, students will be able to:

- Manage TS connections to ensure availability of the TS.
- Resolve client connectivity issues by verifying end-user configuration using RDC.
- Monitor TS connections to determine when to force client disconnect.
- Identify monitoring methods for TS role specific instances.
- Configure resource allocation policies using WSRM based on the environment.
- Monitor WSRM performance using the WSRM Monitoring TS tool.