



Configuring and Troubleshooting Windows Server 2008 Terminal Services

Days:	2
Format:	Instructor-Led
Class Code	6428
Certification Exams:	None
Certification Track:	None

Recommended Course Sequence

Knowledge of prerequisites noted below.

Course content is subject to change without notice.

Course Description:

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.

Target Student:

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, the student must have a basic knowledge of Microsoft Windows operating and its core functionality, a working knowledge of Transact-SQL, a working knowledge of relational databases, and some experience with database design.

- 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.

Delivery Method:

Instructor led, group-paced, classroom-delivery learning model with structured hands-on activities.

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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.
- Exercise 2: (Level 200) Configuring SQL Server.
- Configure TS connection properties using TS console and Group Policy.
- 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.
- 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.

Course Outline

Module 1: Configuring Terminal Services Core Functionality

This module explains how to install TS and configure core functionality.

Lessons
<ul style="list-style-type: none">■ Configuring TS Role.■ Configuring TS Settings.
Lab: Configuring TS Core Functionality
<ul style="list-style-type: none">■ Installing and Configuring TS Role.■ Configuring TS Settings.

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Module 2: Configuring and Managing Terminal Services Licensing

This module explains how to configure and manage TS Licensing.

Lessons
<ul style="list-style-type: none">■ Configuring TS Licensing.■ Managing TS Licenses.
Lab: Configuring and Managing TS Licensing
<ul style="list-style-type: none">■ Installing the TS Licensing Role.■ Configuring TS Licensing.■ Managing TS Licensing

Module 3: Configuring and Troubleshooting Terminal Services Connections

This module explains how to configure and troubleshoot connection properties using TS.

Lessons
<ul style="list-style-type: none">■ Configuring TS Connection Properties■ Configuring TS Properties Using Group Policy.■ Troubleshooting TS.
Lab: Configuring and Troubleshooting TS Connections
<ul style="list-style-type: none">■ Installing the TS Connection Properties.■ Troubleshooting Connectivity Issues.

Module 4: Configuring Terminal Services Resources

This module explains how to configure TS Easy Print and TS RemoteApp.

Lessons
<ul style="list-style-type: none">■ Installing Applications.■ Configuring Remote Applications.■ Configuring Printers.
Lab: Configuring and Troubleshooting TS Connections
<ul style="list-style-type: none">■ Configuring and Deploying TS RemoteApp Programs.■ Configuring TS Easy Print.

Module 5: Configuring Terminal Services Web Access

This module explains how to configure TS Web Access.

Lessons
<ul style="list-style-type: none">■ Installing the TS Web Access Role Service
Lab: Configuring and Troubleshooting TS Connections
<ul style="list-style-type: none">■ Configuring TS Web Access.■ Configuring TS RemoteApp Programs for TS Web Access.

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Module 6: Configuring Session Broker

This module explains how to configure TS Session Broker.

Lessons
<ul style="list-style-type: none">■ Configuring a TS Session Broker for a Load-Balanced Farm
Lab: Configuring a Session Broker
<ul style="list-style-type: none">■ Configuring a Session Broker to Manage Traffic to Servers.

Module 7: Configuring and Troubleshooting Terminal Services Gateway

This module explains how to configure and troubleshoot TS Gateway.

Lessons
<ul style="list-style-type: none">■ Configuring TS Gateway.■ Troubleshooting TS Gateway Connectivity Issues.
Lab: Configuring and Troubleshooting TS Connections
<ul style="list-style-type: none">■ Configuring and Monitoring TS Gateway.■ Troubleshooting TS Gateway Connectivity.

Module 8: Managing and Monitoring Terminal Services

This module explains how to manage and monitor TS connections post installation and configuration. The students will also be introduced to configuring WSRM for TS.

Lessons
<ul style="list-style-type: none">■ Managing Current TS Connections.■ Monitoring TS Connections.■ Configuring WSRM for TS.
Lab: Managing and Monitoring TS
<ul style="list-style-type: none">■ Managing TS Connections.■ Monitoring TS Connections.■ Configuring WSRM for TS.