

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.

Who Should Attend: 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 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, a minimum of one year of experience administering and supporting TS, a minimum of one year of experience administering and supporting Windows Server 2003 or Windows Server 2003 R2, a minimum of one year of administering certificate services, and Network+ certification.

Benefits of Attendance: Upon completion of 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.
- 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.

Course Outline:

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

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

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

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

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

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

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

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