

Module 4 – Remote Desktop Services

In Module 4 students will learn how to run applications remotely using Remote Desktop and RemoteApp. RD Connection Broker can be used to optimize connections and RD Gateway can be used to allow users with the Remote Desktop client to connect to computers on an internal network.

Section 4.1: Remote Desktop Services

Summary

This section covers using Remote Desktop Services (formerly Terminal Services) to allow remote clients to run applications remotely on a session host server or to access the desktop of the server. Details include:

- The role of Remote Desktop Services
- Role services for Remote Desktop Services with Windows Server 2008 R2:
 - Remote Desktop Session Host
 - Remote Desktop Virtualization Host
 - Remote Desktop Licensing
 - Remote Desktop Connection Broker
 - Remote Desktop Web Access
 - Remote Desktop Gateway
- Remote Desktop Client Access License (RD CAL)
- RD Web Access
- Recommendations for the session host



Students will learn how to:

- Add the Remote Desktop Services role and role services.
- Configure the Remote Desktop Session Host role service.
- Configure Windows System Resource Manager for allocating resources to session host sessions.

Windows Server 2008 Server Administrator

- 401. Provision applications.

Video/Demo

	Time
<input type="checkbox"/>  4.1.1 Remote Desktop Services	5:04
<input type="checkbox"/>  4.1.2 Installing RD Session Host	<u>5:55</u>

Total**10:59****Lab/Activity**

- Add Remote Desktop Role Services

Number of Exam Questions: 3 questions

Total Time: About 20 minutes**Section 4.2: RemoteApp****Summary**

This section discusses using RemoteApp to allow a user to launch a program on a session host and run that program directly within a window on the client desktop. The following concepts are discussed:

- The benefits of using RemoteApp
- Methods to make the application available to end users when configuring the application for RemoteApp:
 - .rdp Shortcut File
 - .msi Installer Package
 - RD Web Access application list
 - RemoteApp and Desktop Connection
- Using RemoteApp and Desktop Connection to group and personalize RemoteApp programs or virtual desktops and make them available to end users
- Remote Desktop Virtualization Host (RD Virtualization Host)
 - Types of user accounts
 - Personal virtual desktop
 - Virtual desktop pool



Students will learn how to:

- Make applications available through RemoteApp and Desktop Connection.
- Create .rdp and .msi files for RemoteApp applications.

Windows Server 2008 Server Administrator

- 401. Provision applications.

Video/Demo**Time**

-  4.2.1 RemoteApp and Desktop Connection
-  4.2.2 Configuring RemoteApp

2:41

6:09

Total**8:50****Lab/Activity**

- Configure RemoteApp

Number of Exam Questions: 4 questions

Total Time: About 20 minutes**Section 4.3: RD Connection Broker****Summary**

In this section students will learn about using the RD Connection Broker role service to create a session host server farm, where multiple session hosts are grouped together to provide load balancing and fault tolerance. Details include:

- The role of RD Connection Broker (formerly Terminal Services Session Broker)
- Configuring Remote Desktop Services to use a connection broker

Windows Server 2008 Server Administrator

- 401. Provision applications.

Video/Demo**Time**

 4.3.1 RD Connection Broker

3:23

Number of Exam Questions: 2 questions

Total Time: About 10 minutes**Section 4.4: RD Gateway****Summary**

This section provides the basics of using the Remote Desktop Gateway (RD Gateway) role service to allow users with the Remote Desktop client and an Internet connection to connect to computers on an internal network. Students will also learn about the following:

- The role of RD Gateway
- Policies the RD Gateway server uses to control access to resources on the private network:
 - Connection Authorization Policy (RD CAP)
 - Remote Authorization Policy (RD RAP)

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- Configuring access using RD Gateway
- Using RD Gateway

Students will learn how to:

- Add the RD Gateway role service.
- Create RD connection authorization policies (RD CAPs) and resource authorization policies (RD RAPs) to control session host access.

Windows Server 2008 Server Administrator

- 201. Plan server management strategies.
- 401. Provision applications.

Video/Demo



4.4.1 RD Gateway

Time

6:12



4.4.2 Configuring RD Gateway

14:47

Total

20:59

Lab/Activity

- Configure RD Gateway Policies



Number of Exam Questions: 4 questions

Total Time: About 35 minutes