

## REMOTE DESKTOP SERVICES SERVER CONFIGURATION GUIDE

MTA Course: 10753 Windows Operating System Fundamentals

Lesson name: Windows Operating System Fundamentals 3.5

Topic: Understand application virtualization

File name: 10753\_WindowsOS\_RL\_3.5\_Server\_Configuration

### Note to the instructor:

You will need access to an existing system or virtual machine running Microsoft® Windows Server® 2008 R2 for demonstration purposes and the student activity. Please use these instructions in this document to configure the server for this demonstration and activity.

### Pre-demo tasks:

- Install Windows Server 2008 R2 on a dedicated machine or virtual machine.
- Configure the server to have a static Internet Protocol (IP) address.
- Create a group called Class and create user accounts for all your students.

### Demonstration to students:

#### Adding RD Session Host

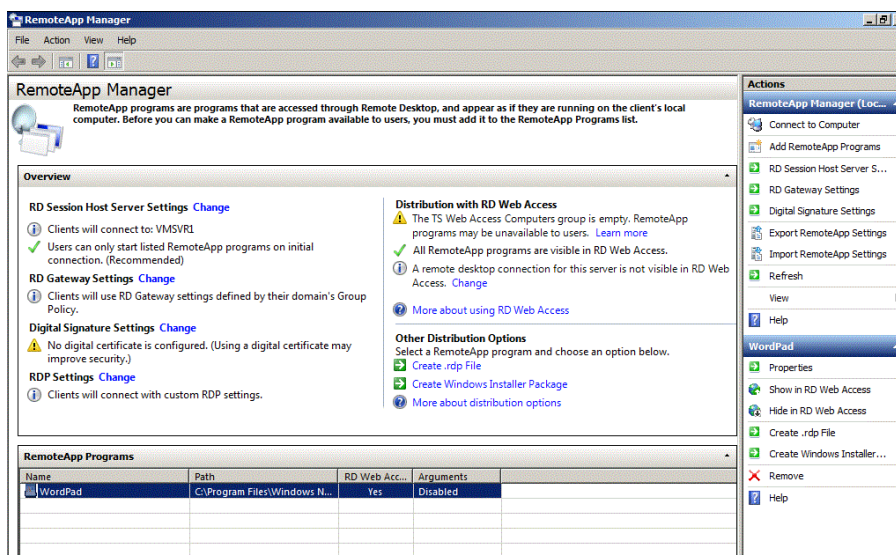
1. Authenticate to the server.
2. Open Server Manager, select Roles from the left pane, and click Add Roles.
3. On the Before You Begin screen, click Next.
4. On the Select Server Roles screen, select the Remote Desktop Services checkbox. Click Next.
5. On the Remote Desktop Services screen, click Next.
6. On the Select Role Services screen, select the checkboxes for the following roles for RDS:
  - a. Remote Desktop Session Host
  - b. Remote Desktop Licensing
7. On the Uninstall and Reinstall Applications for Compatibility screen, click Next.

8. Follow the wizard and make the following selections when prompted:
  - a. On the Specify Authentication Method for Remote Desktop Session Host page, select Do Not Require Network Level Authentication.
  - b. On the Specify Licensing Mode page, select Configure Later.
  - c. On the Select the User Groups Allowed Access To This RD Session Host Server page, add your Class group to the Remote Desktop Users group. On the Configure Client Experience page, click Next.
  - d. On the Configure Discovery Scope for RD Licensing page, review the information and make sure the checkbox for discovery scope is cleared.
9. Confirm Installation Selections. The server will restart, and the installation will complete when you log back in.

## Adding RDS RemoteApp applications

Complete the following steps to deploy an application as a RemoteApp. Use the following links for further reference:

- [http://technet.microsoft.com/en-us/library/cc730673\(WS.10\).aspx](http://technet.microsoft.com/en-us/library/cc730673(WS.10).aspx)
  - [http://technet.microsoft.com/en-us/library/dd560650\(WS.10\).aspx](http://technet.microsoft.com/en-us/library/dd560650(WS.10).aspx)
  - [http://technet.microsoft.com/en-us/library/dd772639\(WS.10\).aspx](http://technet.microsoft.com/en-us/library/dd772639(WS.10).aspx)
1. On the server, start RemoteApp Manager by clicking Start, Administrative Tools, Remote Desktop Services, and RemoteApp Manager.
  2. From the Actions pane on the right side of the page, click Add Remote App Programs.
  3. This will start the RemoteApp Wizard. On the Welcome To The RemoteApp Wizard page, click Next.
  4. From the Choose Program To Add To The RemoteApp Programs List screen, scroll down and select WordPad. Click Next.
  5. On the Summary page, click Finish. Your screen should look similar to the image here:



**Creating .RDP Files for RemoteApp Programs**

1. Start RemoteApp Manager by clicking Start, Administrative Tools, Remote Desktop Services, and RemoteApp Manager.
2. There should be a list of applications at the bottom of the RemoteApp Manager.
3. You will receive a warning about a digital certificate. Click Change to add the digital certificate, select Sign With Digital Certificate, and then click Change.
4. Click OK to confirm.
5. Locate WordPad in the Remote Applications list and select Create .RDP File from the Actions pane on the left side of the page.
6. Click Next on the RemoteApp Wizard page after you have selected the application.
7. After reviewing the Specify Package Settings page, click Next.
8. On the Review Settings page, click Finish.
9. The created package will be saved in the C:\Program Files\Packaged Programs. It can now be copied to other desktops or shares. This package will start the remote application. Copy this file to the student computers or make it available through a drive share. A user account is required for the students to authenticate to the Remote Desktop Services server.