

**STUDENT ACTIVITY 3.5\_KEY: UNDERSTAND APPLICATION  
VIRTUALIZATION**

MTA Course: 10753 Windows Operating System Fundamentals

Topic: Understand application virtualization

File name: 10753\_WindowsOS\_SA\_3.5\_key

**Lesson Objective**

**3.5:** Understand application virtualization. *This objective may include but is not limited to:* understanding Med-V and VDI.

**Resources, software, and additional files needed for this lesson:**

- Internet access for student workstations to view:<http://www.microsoft.com/showcase/en/US/details/40d695e1-e486-41ee-a085-71f7a7079142>
- A workstation with Microsoft® Windows® 7 Professional or Enterprise edition and speakers or headphones
- Access to Wordpad.rdp file for RemoteApp activity
- Alternative option:
  - A virtual machine with Windows 7 Professional or Enterprise edition

**Directions to the student:**

Complete the following hands-on activities. Note that the screenshots in this document may look different from your system. Request assistance from the instructor as needed.

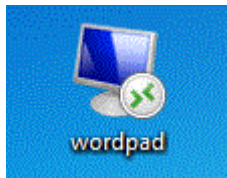
**Application Virtualization Video**

1. Authenticate into your system using the credentials provided by your instructor.
2. Browse to the following website and view the Microsoft webcast and answer the following questions regarding App-V:  
<http://www.microsoft.com/showcase/en/US/details/40d695e1-e486-41ee-a085-71f7a7079142>
  - a. What is the first step in desktop virtualization?  
Application virtualization

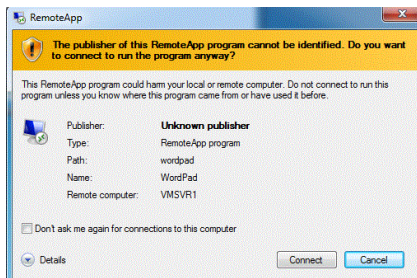
- b. Are applications installed on the client workstations when the users start the application?  
No, they are already installed on the application server.
- c. List three benefits of application virtualization.  
Reduces application conflict  
Centralizes and simplifies patch management  
Accelerates new application deployment
- d. What processor architecture does App-V run on?  
32- and 64-bit.

## Using RemoteApp

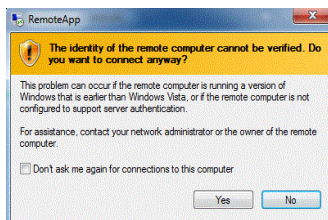
1. Obtain the **wordpad.rdp** file from your instructor and copy to your desktop.
2. Double-click wordpad, which will appear on the desktop as shown here.



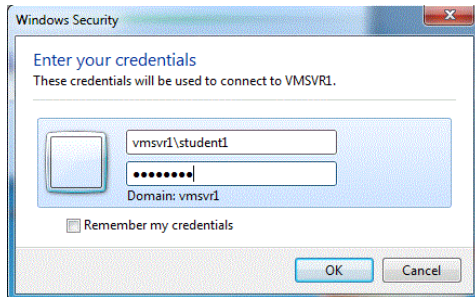
3. You will be warned that the publisher of the RemoteApp cannot be identified, as shown here. Click Connect.



4. You may be notified that the identity of the remote computer cannot be verified, as shown here. Click Yes to connect anyway.



5. You will be prompted to authenticate to the RemoteApp server. Input the credentials provided by your instructor in this format—***Servername\username***—as shown here.



6. Click OK after credentials have been provided. The application will take a few moments to start the first time. The application will open more quickly when it is started the second time.
7. Close the application.
8. Double-click wordpad again. Acknowledge warnings as stated above. The application should have started more quickly this time.
9. Ask the instructor to verify that you have accessed the RemoteApp successfully.