

STUDENT ACTIVITY 3.4_KEY: UNDERSTAND SERVICES

MTA Course: 10753 Windows Operating System Fundamentals

Topic: Understand services

File name: 10753_WindowsOS_SA_3.4_key

Lesson Objective

3.4: Understand services. *This objective may include but is not limited to:* understanding service startup types, service accounts, and service dependencies

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

- A workstation with Windows 7 Professional or Enterprise edition installed
- Alternative option:
 - A virtual machine with Windows 7 Professional or Enterprise edition installed

Directions to the student:

Complete the following hands-on activities. The screenshots in the activity may look different from your system. Answer the questions as you work through the activities. Verify your answers with the instructor.

Managing Windows Services

1. Authenticate into your system using the credentials provided by the instructor.
2. Click Start, type **services** in the Search programs and files field, and hit ENTER. This will open the Services console.
3. In the Services (Local) pane, scroll down and select the Print Spooler service. Note that most services, when selected, will display a description of the service. This description is visible only when the Extended tab (at the bottom of the screen) is selected.
4. What is the description of the Print Spooler service?
Loads files to memory for later printing
5. Double-click the Print Spooler service.

6. What is the Service Name located at the top of the dialog box?

Spooler

7. Close the Print Spooler Properties (Local Computer) dialog box.
8. Find the Secondary Logon service. Read the description for this service's responsibility.
9. Double-click this service. What is the Status of this service?

Not Started

10. What is the Startup Type for this service?

Manual

11. What account is this service logging on as?

Local System account

12. Right-click the Secondary Logon service and note the options that you can execute from the Action menu.

13. Select the Start option to start the service. What has the Status of this service changed to?

Started

14. Right-click the Secondary Logon service and select Properties from the Action menu.

15. Stop the Secondary Logon service by clicking Stop on the General tab.

16. What is the Service Name located at the top of the dialog box?

Seclogon

17. Click the drop-down arrow next to the Startup Type option. List the four Startup Types:

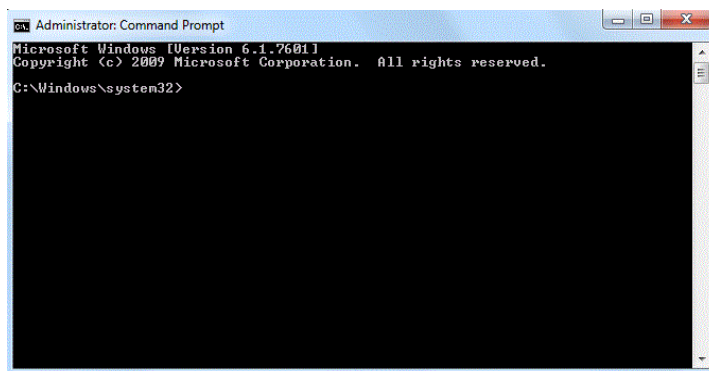
a. Manual

b. Automatic

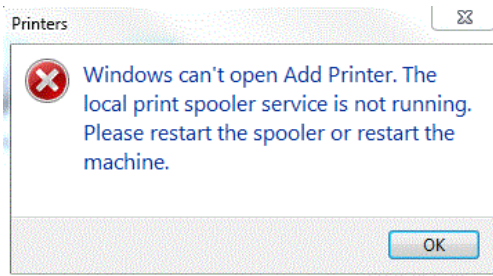
c. Automatic (Delayed Start)

d. Disabled

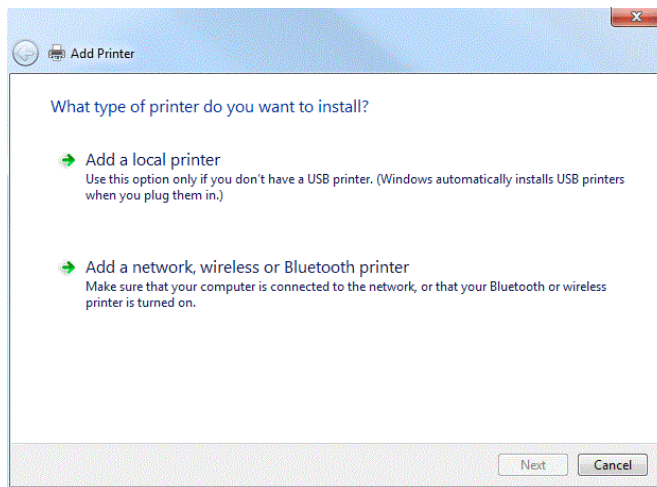
18. Open an administrative command prompt by clicking Start; select All Programs and then Accessories. Right-click Command Prompt and select Run As Administrator. In the User Account Control window, click Yes. This should open a command prompt as shown here.



19. Using the information obtained above, stop the Print Spooler service by typing the following at the command prompt: **net stop *service name*** and then press ENTER.
 - a. *Service name* is the information found in step 6.
20. You should see a message that the service has stopped.
21. Click Start and select Devices And Printers.
22. Click Add Printer. A message will appear as shown here.



23. Start the Print Spooler service in the Command Prompt window by typing **net start *service name*** and press ENTER.
24. Return to the Devices And Printers console and click Add Printer again. The Add Printer wizard will appear, as shown here.



25. Verify your answers with the instructor.