

STUDENT ACTIVITY 5.1A: CHOOSING A DEPLOYMENT TYPE

MTA Course: Windows Development Fundamentals

Topic: Understand application deployment methods (One 50-minute class period)

File name: WinDevFund_SA_5.1A

Lesson Objective:

5.1: Understand Windows® application deployment methods. *This objective may include but is not limited to:* different methods of deploying Windows applications; choosing the appropriate method for deployment; deploying an application by using ClickOnce.

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

- None

Directions to the student:

For each of the following, indicate the deployment type that *best* fits the situation, or offers the desired feature. Choose from ClickOnce, Windows Installer, or both.

1. The setup application needs to be hosted on a Web server.
2. The application needs to be installed for all users on the target machine.
3. The setup needs to add Internet Favorites on the target computer.
4. An application that will need to be updated on a monthly basis.
5. Users must be able to uninstall the application from the Add Or Remove Programs menu in the Control Panel.
6. A simple application with no special installation requirements.
7. The setup needs to add the application to the Start menu.

8. The setup files need to be distributed on a CD-ROM disc.
9. Users may need to roll back to a previous version after trying the latest update.
10. The application needs to start automatically when the user logs in.
11. The application needs to install a driver for a proprietary piece of hardware.
12. The setup program needs to check for a new release before installation.
13. The setup requires extensive changes to the user's registry.
14. The application needs to register a proprietary file extension with the operating system so those files open in the application when double-clicked.
15. The setup needs to be as simple and streamlined as possible for the user.