

STUDENT ACTIVITY 5.1A KEY: 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.
Both
2. The application needs to be installed for all users on the target machine.
Windows Installer
3. The setup needs to add Internet Favorites on the target computer.
Windows Installer
4. An application that will need to be updated on a monthly basis.
ClickOnce
5. Users must be able to uninstall the application from the Add Or Remove Programs menu in the Control Panel.
Both

6. A simple application with no special installation requirements.
ClickOnce
Note: Windows Installer would also work; however, ClickOnce is generally considered the best choice when possible.
7. The setup needs to add the application to the Start menu.
Both
8. The setup files need to be distributed on a CD-ROM disc.
Both
9. Users may need to roll back to a previous version after trying the latest update.
ClickOnce
10. The application needs to start automatically when the user logs in.
Windows Installer
11. The application needs to install a driver for a proprietary piece of hardware.
Windows Installer
12. The setup program needs to check for a new release before installation.
ClickOnce
13. The setup requires extensive changes to the user's registry.
Windows Installer
14. The application needs to register a proprietary file extension with the operating system so those files open in the application when double-clicked.
Both
15. The setup needs to be as simple and streamlined as possible for the user.
ClickOnce