

STUDENT ACTIVITY 1.3: SERVER INSTALLATION OPTIONS

MTA Course: 98-365 Windows Server® Administration Fundamentals

Topic: Understanding server installation options

File name: WinServerFund_SA_1.3

Lesson Objective

1.3: Understand server installation options. *This objective may include but is not limited to:* choosing correct OS version; partitioning; F8 options; server core vs. full; interactive install; unattended install; automated install using Windows® Deployment Service (WDS); upgrade vs. clean install; and firmware updates including BIOS.

Resources, software, and additional files needed for this lesson

- Students will need access to the Internet.
- Bootable device/CD ROM
- Windows 7® or Windows Server 2008 R2

Directions to the student

1. With a partner, answer the following questions and scenarios.
2. Complete the section labeled “On Your Own” outside of class.

Content:

1. Create a server installation questionnaire and installation documentation sheet.
 - a. Items to consider for the installation questionnaire:
 - i. Role of server
 - ii. Application(s) running on server
 - iii. Hardware requirements based on role and applications
 - iv. Other details?

b. Items to consider for the server installation documentation sheet:**i. Unique identifiers**

1. Model
2. Serial number
3. Manufacture information (warranty, technical support, etc.)
4. Others?

ii. Configuration options

1. RAM
2. Drive space
3. Others?

iii. Server specific information

1. Server name
2. Network configuration
3. Local administrator information
4. Installed roles/features
5. Others?

On Your Own

1. Use the following TechNet site to create a bootable device with Microsoft®'s imaging application, ImageX.exe, copied to it.
 - a. [http://technet.microsoft.com/en-us/library/cc766092\(WS.10\).aspx](http://technet.microsoft.com/en-us/library/cc766092(WS.10).aspx)
2. Be sure to test the bootable device/CD to ensure it works.
3. Be prepared to discuss this exercise at the next session. What worked, what didn't work, etc.?
4. Research three alternatives to Microsoft's ImageX imaging tool.