

CHAPTER ONE KNOWLEDGE ASSESSMENT

Multiple Choice

1. Which of the following Windows 10 Editions allow joining the system to a Domain?
(Choose all that apply) **Answer on page 7**
 - a. Windows 10 Home
 - b. **Windows 10 Pro**
 - c. **Windows 10 Enterprise**
 - d. **Windows 10 Education**
2. Which tool is used to download Windows 10 installation files and create a bootable USB flash drive so that it can be used to install Windows 10? **Answer on page 9**
 - a. **Windows 10 Media Creation Tool**
 - b. Setup.exe
 - c. USB Create tool
 - d. Express tool
3. The personal assistant used in Windows 10 to find things on a PC is known as which of the following? **Answer on page 6**
 - a. Indexer
 - b. Clippy
 - c. Siri
 - d. **Cortana**
4. Which type of computer is a laptop that can convert to a tablet? **Answer on page 3**
 - a. Laptop
 - b. Desktop PC
 - c. Smartphone
 - d. **Hybrid Computer**
5. Which of the following is the minimum amount of memory needed to run the 64-bit version of Windows 10? **Answer on page 3**
 - a. 512 MB
 - b. 1 GB
 - c. **2 GB**
 - d. 4 GB
6. Which of the following versions of Windows 10 support Client Hyper-V? (Choose all that apply) **Answer on page 7**
 - a. Windows 10 Home 64-bit
 - b. **Windows 10 Enterprise 64-bit**
 - c. Windows 10 Pro 32-bit
 - d. Windows Enterprise 32-bit
7. Which of the following editions of Windows 10 support Credential Guard and Device Guard?
(Choose all that apply) **Answer on page 7**
 - a. Windows 10 Home

- b. Windows 10 Pro
 - c. Windows 10 Enterprise
 - d. Windows 10 Education
8. Which of the following is the maximum amount of memory that is recognized by the 32-bit version of Windows 10? Answer on page 8
- a. 1 GB
 - b. 2 GB
 - c. 4 GB
 - d. 8 GB
9. Which of the following hardware is needed to use Windows Hello? Answer on page 8
- a. High-fidelity microphone
 - b. Illuminated infrared camera or fingerprint reader
 - c. Graphics card that is compatible with DirectX 10 or newer
 - d. A multi-touch monitor
10. Which of the following allows administrators to find, acquire, manage, and distribute apps to Windows 10 devices? Answer on page 6
- a. Windows Spotlight
 - b. Continuum
 - c. BranchCache
 - d. Business Store

BEST ANSWER

Choose the letter that corresponds to the best answer. More than one answer choice may achieve the goal. Select the BEST answer.

1. A user has a computer that is running Windows 7 and is approximately three years old. Because Windows is running a little bit slow, the user wants to install a fresh copy of Windows 10. Which kind of installation should be run?
- a. Migration
 - b. Upgrade
 - c. Clean
 - d. Replacement

A clean installation allows you to start as if the machine is new. A clean installation will also remove any corrupted files, problem programs, or erroneous settings. The drawback is you must reinstall programs, copy over desired data files from a backup, and reconfigure the system

MATCHING AND IDENTIFICATION

1. Specify the edition of Windows 10 to upgrade to (Home, Pro, or Educational)
- a. Windows 7 Pro / Windows 10 Pro
 - b. Windows 8 Pro / Windows 10 Pro

- c. Windows 8.1 Enterprise / Windows 10 Enterprise
- d. Windows 7 Home Premium / Windows 10 Home
- e. Windows 7 Ultimate / Windows 10 Pro

BUILD A LIST

1. Specify the order of the high-level steps necessary to use the Windows 10 Media Creation Tool to create a bootable USB flash drive. (Not all answers will be used)

2 Copy the Windows files onto the USB flash drive

___ Partition the USB flash drive

1 Format a USB flash drive

3 Make a USB flash drive bootable

BUSINESS CASE SCENARIOS

Scenario 1-1: Installing Windows 10

You are an administrator of an organization that has 150 client computers. Sixty systems are running Windows 7 Enterprise, 60 systems are running Windows 7 Professional, and 30 are systems are running Windows 8.1 Professional. You also need to purchase 25 more systems, which will run Windows 10. Which edition and version of Windows 10 should be deployed and how would you deploy Windows 10?

Answer: Assuming the 150 clients and 25 additional clients will meet the needs of Volume Licensing the easiest way is to migrate all the editions with a clean installation of Windows 10 Enterprise for all clients, or migrate each client with a clean install of Windows 10 Pro if that 175 clients would be for a small business

Scenario 1-2: Upgrading to Windows 10

You have a computer that is running Windows 8.1 Professional. You want to upgrade the computer to Windows 10 Enterprise.

Answer: This would not be possible since Windows 10 Enterprise is meant for large enterprises/businesses and is only available to Volume Licensing customers.