

TEST BANK

Microsoft

Official Academic Course

Windows Server® 2008

Network Infrastructure Configuration

Microsoft Certified Technology Specialist **Exam 70-642**

Windows Server 2008 Enterprise
Evaluation Software Inside

Lesson: Lesson 2: Installing Microsoft Windows Server 2008

Multiple Choice

1. Each host on a TCP/IP network should be configured with a number of mandatory and optional configuration items except for which of the following?

- a) routing method
- b) subnet mask
- c) default gateway
- d) DNS/WINS servers

Ans: a

Difficulty: Easy

Section Ref: Installing the Software

Each host on a TCP/IP network should be configured with a number of mandatory and optional configuration items, including an IPv4 or IPv6 address, subnet mask, default gateway, and WINS/DNS servers.

2. If a system will be a DHCP server, what type of address should you set?

- a) automatic private IP address
- b) fixed IP address
- c) static IP address
- d) none of the above

Ans: c

Difficulty: Easy

Section Ref: Installing the Software

If a system will be a DHCP server, you should set a static IP address because that will be required when you try to set up the DHCP server role.

3. Windows Server 2008 (and all Microsoft operating systems going back to Windows 2000) supports which two types of hard disks?

- a) partitioned and virtual
- b) basic and virtual
- c) partitioned and dynamic

d) basic and dynamic

Ans: d

Difficulty: Easy

Section Ref: Installing the Software

Windows Server 2008 (and all Microsoft operating systems going back to Windows 2000) supports two types of hard disks, basic and dynamic.

4. What is made up of free space from multiple physical disks?

- a) striped volume
- b) simple volume
- c) spanned volume
- d) mirrored volume

Ans: c

Difficulty: Medium

Section Ref: Installing the Software

A spanned volume is made up of free space from multiple physical disks. For example, if you have two physical disks in a server that are each 500GB in size, you can combine them into a single spanned volume that is 1TB in size.

5. Which type of volume is made up of free space from multiple disks and uses RAID-0 striping to interleave data across the disks, thus improving the read performance of the volume?

- a) striped volume
- b) simple volume
- c) spanned volume
- d) mirrored volume

Ans: a

Difficulty: Easy

Section Ref: Installing the Software

A striped volume is similar to a spanned volume in that it is made up of free space from multiple disks. Unlike a spanned volume, however, a striped volume uses RAID-0 striping to interleave data across the disks, thus improving the read performance of the volume.

6. Which type of volume consists of free space contained on a single physical disk?

- a) striped volume
- b) simple volume
- c) spanned volume
- d) mirrored volume

Ans: b

Difficulty: Easy

Section Ref: Installing the Software

A simple volume consists of free space contained on a single physical disk. You can configure all of the available space on a disk as a simple volume, or you can configure multiple simple volumes using the space on a single disk.

7. Which partition style is recommended for disks larger than 2TB or for disks that are used in Itanium computers?

- a) MBR
- b) NTFS
- c) FAT
- d) GPT

Ans: d

Difficulty: Medium

Section Ref: Installing the Software

The GPT partition style is recommended for disks larger than 2TB or for disks that are used in Itanium computers.

8. A computer running Server Core will allow you to launch which of the following consoles?

- a) Computer Management
- b) Active Directory Users and Computer
- c) Windows Registry Editor
- d) None of the above

Ans: c

Difficulty: Hard

Section Ref: Installing the Software

A Server Core computer will allow you to launch the Windows Registry Editor, Notepad, and a number of Control Panel applets. However, it does not include a Start menu and does not allow you to install or run any of the MMC consoles, such as Computer Management or Active Directory Users and Computer.

9. A Server Core installation includes which of the following programs?

- a) Windows Explorer
- b) Outlook Express
- c) Windows Notepad
- d) Start menu

Ans: c

Difficulty: Medium

Section Ref: Installing the Software

A Server Core computer will allow you to launch the Windows Registry Editor, Notepad, and a number of Control Panel applets. However, it does not include a Start menu and does not allow you to install or run any of the MMC consoles, such as Computer Management or Active Directory Users and Computer.

10. Best practices when installing Windows Server 2008 recommends installing the software onto which type of media?

- a) fresh or previously used media
- b) previously used or partitioned media
- c) fresh or partitioned media
- d) none of the above

Ans: a

Difficulty: Medium

Section Ref: Installing the Software

When installing Windows Server 2008, you have the option of installing onto fresh media that has never been used before or onto previously used media containing existing files. If Windows Server 2008 is installed onto a disk partition containing a previous version of Windows, the files will be preserved but the software will not be usable.

11. You can configure network settings on a Windows Server 2008 computer by using a number of different tools with the exception of which of the following?

- a) Initial Configuration Tasks
- b) Server Manager consoles
- c) Windows Command Line
- d) File and Print Sharing Wizard

Ans: d

Difficulty: Medium

Section Ref: Installing the Software

You can configure network settings on a Windows Server 2008 computer by using a number of different tools, including the Initial Configuration Tasks or the new Server Manager consoles, as well as the Windows command line.

12. The default installation of Windows Server 2008 Enterprise Edition allows you to install 17 different server roles. Which of the following is *not* a role that you can install?

- a) Fax Services
- b) System File Services
- c) Application Server
- d) Windows Sharepoint Services

Ans: b

Difficulty: Hard

Section Ref: Installing the Software

The default installation of Windows Server 2008 Enterprise Edition allows you to install 17 different server roles. System File Services is not one of these.

13. You can configure the DNS Server role by using which console?

- a) Remote Server
- b) Terminal Services
- c) Windows Manager
- d) Server Manager

Ans: d

Difficulty: Easy

Section Ref: Installing the Software

The DNS Server role can be configured from the Server Manager console.

14. Which feature allows recovery of operating system state, files, folders, and application data by periodically creating a snapshot of the full server or selected volumes?

- a) WINS Server
- b) Remote Server Administration Tools
- c) Windows Server Backup
- d) Wireless Networking

Ans: c

Difficulty: Medium

Section Ref: Installing the Software

The Windows Server Backup feature allows recovery of operating system state, files, folders, and application data by periodically creating a snapshot of the full server or selected volumes.

15. You can manage disks and partitions in Windows Server 2008 by using which tool?

- a) Remote Server Administration tools
- b) Disk Management tools
- c) Server Management tools
- d) Computer Management tools

Ans: b

Difficulty: Hard

Section Ref: Installing the Software

You can manage disks and partitions in Windows Server 2008 by using the Disk Management GUI tool or the diskpart command-line utility.

16. A striped volume uses which type of striping to interleave data across the disks?

- a) RAID-6
- b) RAID-4
- c) RAID-0
- d) RAID-5

Ans: c

Difficulty: Medium

Section Ref: Installing the Software

A striped volume is similar to a spanned volume in that it is made up of free space from multiple disks. Unlike a spanned volume, however, a striped volume uses RAID-0 striping to interleave data across the disks, thus improving the read performance of the volume.

17. Which operating system does *not* support dynamic disks?

- a) Windows NT
- b) Windows 2000 Professional
- c) Windows Vista Business
- d) Windows XP Professional

Ans: a

Difficulty: Hard

Section Ref: Installing the Software

Dynamic disks provide access to more advanced configuration features. Once a basic disk is converted to a dynamic disk, that disk can be accessed only by operating systems that support dynamic disks: Windows 2000 Professional; Windows XP Professional; Windows Vista Business, Enterprise or Ultimate; Windows 2000 Server; Windows Server 2003; and Windows Server 2008.

18. What is the minimum number of physical computers required to allow you to use a KMS key?

- a) 20 Vista and ten Windows Server 2008 computers
- b) 20 Vista and five Windows Server 2008 computers
- c) 15 Vista and ten Windows Server 2008 computers

d) 25 Vista and five Windows Server 2008 computers

Ans: d

Difficulty: Easy

Section Ref: Installing the Software

The minimum number of physical computers required to allow you to use a KMS key is 25 Vista computers and five Windows Server 2008 computers. Any computer on your network that has been activated by an internal KMS host will attempt to “check in” with the KMS host every seven days and will be required to connect to that host at least once every 180 days to maintain its license.

19. Which method is *not* a possibility when activating A MAK key?

- a) telephone
- b) Internet
- c) e-Mail
- d) Volume Activation Management Tool (VAMT)

Ans: c

Difficulty: Easy

Section Ref: Installing the Software

A Multiple Activation Key (MAK) is used for a one-time activation with Microsoft’s hosted activation service. A MAK key can be activated via the Internet, over the phone, or by using the Volume Activation Management Tool (VAMT).

20. Once a Server Core computer is installed, how can it be managed locally?

- a) Windows Console
- b) Start menu
- c) command-line utilities
- d) Computer Management Console

Ans: c

Difficulty: Medium

Section Ref: Installing the Software

The installation process for Server Core is identical to the installation of a full version of Windows Server 2008. Once a Server Core computer is installed, however, it can be managed locally using only command-line utilities and the limited GUI facilities installed on a Server Core computer.

True/False

21. Because the software is installed into a single partition, the specified minimum storage requirements actually apply to the space within the partition being used and not to the total drive size.

Ans: True

Difficulty: Easy

Section Ref: Installing the Software

22. If you set the IP address manually, you will not need to provide DNS server information manually.

Ans: False

Difficulty: Easy

Section Ref: Installing the Software

23. ICS turns your computer into a router so that other computers on the local network can access its Internet connection.

Ans: True

Difficulty: Easy

Section Ref: Installing the Software

24. By default, the Windows Firewall is turned off.

Ans: False

Difficulty: Easy

Section Ref: Installing the Software

25. If you inappropriately allowed network discovery in a public network environment (for example, an Internet café), you would allow total strangers to see and access any file shares on your system.

Ans: True

Difficulty: Easy

Section Ref: Installing the Software

Fill-in-the-Blank

26. You can also use the Connection Properties screen to control Internet Connection _____, which allows other users on your network to access the Internet through your computer.

Ans: Sharing

Difficulty: Easy

Section Ref: Installing the Software

27. Network _____ finds and accesses other computers and shared resources on the network.

Ans: discovery

Difficulty: Easy

Section Ref: Installing the Software

28. The _____ location setting characterizes the network environment to which you are connected—for example “work” or “public network.”

Ans: network

Difficulty: Easy

Section Ref: Installing the Software

29. A(n) _____ volume is a fault-tolerant volume consisting of two physical disks in which the data on one disk is copied exactly onto the second disk. This provides data redundancy such that if one disk in the mirror fails, the other disk will continue to function without loss of data.

Ans: mirrored

Difficulty: Easy

Section Ref: Installing the Software

30. When you create a new partition, you can either assign a drive letter to the partition, or else you can configure it as a(n) _____ point that will appear as a folder within an existing drive letter.

Ans: mount

Difficulty: Easy

Section Ref: Installing the Software

31. _____ Activation is used to manage the licensing process for volume licenses of both Vista as well as Windows Server 2008.

Ans: Volume

Difficulty: Hard

Section Ref: Installing the Software

32. A Multiple _____ Key is used for a one-time activation with Microsoft's hosted activation service.

Ans: Activation

Difficulty: Medium

Section Ref: Installing the Software

33. A MAK key can be activated via the Internet, over the phone, or by using the Volume Activation _____ Tool.

Ans: Management

Difficulty: Easy

Section Ref: Installing the Software

34. A(n) _____ Management Service license key allows you to host an activation service locally within your own network.

Ans: Key

Difficulty: Easy

Section Ref: Installing the Software

35. Installation of Windows Server 2008 software can produce a system configuration containing only the specific facilities required for a specific role, called Server _____, or a full server installation containing all of the available Windows Server 2008 functionality.

Ans: Core

Difficulty: Easy

Section Ref: Installing the Software

Short Answer

36. What mode provides a minimal execution environment to allow running software that may be required or useful in attempting to recover a damaged Windows system?

Ans: Repair mode

Difficulty: Easy

Section Ref: Installing the Software

37. What allows you to set the network location and access the Windows Firewall screen, which has a link to access the Network Center?

Ans: Network and Sharing Center

Difficulty: Easy

Section Ref: Installing the Software

38. What is a fault-tolerant volume in which data is interleaved across three or more disks much in the same way as in a striped volume, but with additional information known as parity?

Ans: RAID-5 volume

Difficulty: Easy

Section Ref: Installing the Software

39. When you create a new partition, you can either assign a drive letter to the partition, or you can configure it to appear as a folder called a what within an existing drive letter?

Ans: mount point

Difficulty: Medium

Section Ref: Installing the Software

40. What command-line utility is used to manage disks and partitions in Windows Server 2008?

Ans: diskpart

Difficulty: Easy

Section Ref: Installing the Software

41. What type of disk does *not* support advanced storage options such as striped volumes, spanned volumes, and RAID-5 volumes?

Ans: basic disk

Difficulty: Easy

Section Ref: Installing the Software

42. What tool is used to manage the licensing process for volume licenses of both Vista as well as Windows Server 2008?

Ans: Volume Activation

Difficulty: Medium

Section Ref: Installing the Software

43. How often will any computer on your network that has been activated by an internal KMS host need to “check in” with the KMS host?

Ans: every 7 days

Difficulty: Easy

Section Ref: Installing the Software

Essay

44. When Windows Server 2008 software is installed onto previously unused hardware (or previously used hardware that is being completely reinitialized), several actions must be taken to initialize the hardware and prepare it for use. What are these actions?

Ans: A partition structure must be created on the physical hard drive to provide a logical addressing structure that organizes it into usable storage areas. A file volume structure must then be created to manage the contents of a partition to allow the storage of files within it.

Difficulty: Hard

Section Ref: Installing the Software

45. Why is installing Server Core advantageous?

Ans: Because it includes only what is required for the designated roles, a Server Core installation will typically require less maintenance and fewer updates because there are fewer components to manage. Security is improved. Because there are fewer programs and components installed and running on the server, there are fewer attack vectors exposed to the network, resulting in a reduced attack surface. Because there are fewer components installed, minimum resources are required than for a full installation, and there may be less overhead during normal processing.

Difficulty: Easy

Section Ref: Installing the Software

46. What are some disadvantages associated with Server Core?

Ans: Disadvantages include not having familiar GUI options available during system administration and not being as well suited for small networks in which a single server might be used for several roles.

Difficulty: Hard

Section Ref: Installing the Software

47. Windows Server 2008 allows you to configure various types of storage. Name three types of arrays that can be configured.

Ans: RAID-0, RAID-1, and RAID-5

Difficulty: Hard

Section Ref: Installing the Software

48. Name the two partition styles that can be used when initializing a new disk.

Ans: clients MBR (Master Boot Record) and GPT (GUID Partition Table)

Difficulty: Medium

Section Ref: Installing the Software

49. What is a benefit of Volume Activation?

Ans: Volume Activation can eliminate the need to manually enter a product key when the operating system software is installed, and it allows you to protect and manage volume license keys throughout an organization.

Difficulty: Easy

Section Ref: Installing the Software

50. You must do one of two things when you create a new partition. What are they?

Ans: You can either assign the partition a drive letter, or you can configure it as a mount point that will appear as a folder within an existing drive letter.

Difficulty: Easy

Section Ref: Installing the Software