

Chapter 1: Introducing Windows Server 2008

TRUE/FALSE

1. A Windows 2008 server that participates in a workgroup is referred to as a stand-alone server.

ANS: T PTS: 1 REF: 14

2. You need to support a large disk volume of 200 GB or more and apply permissions to various sensitive files and folders that will be hosted on the volume. The FAT file system is ideal for this purpose.

ANS: F PTS: 1 REF: 6

3. A member server is a Windows Server that has Active Directory installed and is responsible for allowing client computers access to domain resources.

ANS: F PTS: 1 REF: 14

4. Windows Web Server 2008 does not come in a 64-bit version.

ANS: F PTS: 1 REF: 5

5. NTFS includes features such as native support for long filenames, file and folder permissions, support for large files and volumes, reliability, compression, and encryption.

ANS: T PTS: 1 REF: 6

MULTIPLE CHOICE

1. Carl works as a system administrator for a medium sized corporation. Recent green-awareness meetings and funding cutbacks within the corporation have increased the need for resource consolidation. With an increase in demand for a reduction in environmental impact, Carl is looking to virtualize five separate servers and host them on a single server running Hyper-V.

Carl receives a volume license copy of Windows Server 2008 32-bit Enterprise Edition. He installs it on a machine with the following specifications:

Processor: 64-bit Xeon Quad core 2.66 GHz

Memory: 16 GB

Available disk space: 50 GB

Additional Drives: DVD-ROM

During installation, default settings are accepted. After Carl has installed Windows Server 2008, he finds that he is unable to use Hyper-V. What is the problem?

- a. Server hardware does not meet specifications for running Hyper-V
- b. Hyper-V cannot run on multi-core processors without additional license purchases
- c. Hyper-V requires a 64-bit edition of Windows Standard or better
- d. Carl has installed Windows Server 2008 Core by accident

ANS: C PTS: 1 REF: 27

2. Which of the following server roles is not available within a Windows Server 2008 Core installation?
- a. File Services
 - b. Terminal Services
 - c. Hyper-V
 - d. Web Server (IIS)

ANS: B PTS: 1 REF: 25

3. The main purpose of Active Directory is to ____.
- a. Provide authentication and authorization to users and computers
 - b. Provide File and Print services
 - c. Give administrators the ability to control access to restricted hardware
 - d. Allow users to organize their file systems into a cohesive and high performance directory structure

ANS: A PTS: 1 REF: 19

4. Which of the following Windows Server 2008 editions supports the hot-add processor feature?
- a. Windows Web Server 2008
 - b. Standard Edition
 - c. Enterprise Edition
 - d. Datacenter Edition

ANS: D PTS: 1 REF: 5

5. A DNS Server is used to ____.
- a. Resolve NetBios names to IP addresses
 - b. Assign IP addresses to client machines
 - c. Resolve names of Internet computers and domain computers to their assigned IP addresses
 - d. Consolidates user accounts

ANS: C PTS: 1 REF: 20

6. You work for a large corporation with several branch offices that have varying requirements in regards to security. Your boss has informed you that a new branch office is in need of a domain controller, but has stressed that due to security reasons, he doesn't want the server to have the ability to make changes to any domain related information. What can you install to satisfy the needs of the branch office?
- a. Active Directory Certificate Services
 - b. Host Credential Authorization Protocol
 - c. Windows Deployment Services
 - d. Read only domain controller (RODC)

ANS: D PTS: 1 REF: 19

7. Windows Server 2008 Enterprise is capable of being configured with failover clustering for up to how many nodes?
- a. 4 nodes
 - b. 8 nodes
 - c. 16 nodes
 - d. 20 nodes

ANS: C PTS: 1 REF: 5

8. A network client serves what purpose?
- a. Responds to requests for resources
 - b. Provides a graphical interface representation of the network
 - c. Allows the user to configure aspects of the network
 - d. Sends requests to access network resources

ANS: D PTS: 1 REF: 15

9. One of your partner organizations currently has to provide logon credentials to access critical applications on your extranet's web site. While this has worked in the past, a recent meeting has brought to light the need for single sign-on capabilities for the website.

After researching the issue, you discover that one of Windows Server 2008's new Active Directory roles can help solve the problem. Which of the following answers allows you to create a trust relationship between your extranet and your partner organization?

- a. Active Directory Federation Services (AD FS)
- b. Active Directory Lightweight Directory Services (AD LDS)
- c. Active Directory Rights Management Services (AD RMS)
- d. Active Directory Advanced Integration Services (AD AIS)

ANS: A PTS: 1 REF: 29

10. What version of Internet Information Services (IIS) is included with Windows Server 2008?
- a. IIS 6.9
 - b. IIS 7.0
 - c. IIS 6.9.1
 - d. IIS 7.5

ANS: B PTS: 1 REF: 17

11. You have a copy of Windows Server 2008 64-bit Standard edition, and are in the process of purchasing server equipment. What is the maximum amount of RAM you can install on the server?
- a. 32 GB
 - b. 64 GB
 - c. 128 GB
 - d. 2 TB

ANS: A PTS: 1 REF: 5

12. Which of the following tools is the basic application responsible for loading more useful management related snap-ins?
- a. Microsoft Management Console
 - b. Disk Management
 - c. Internet Information Services Manager
 - d. Hyper-V Manager

ANS: A PTS: 1 REF: 8

13. Which of the following is not a feature or function provided by Active Directory?
- a. Provides single point of administration for network resources
 - b. Provides centralized authentication and authorization of users to network resources
 - c. Enables administrators to assign policies and deploy software to client computers
 - d. Assists in maintaining a network architecture design by assigning addresses to client machines that request them

ANS: D PTS: 1 REF: 8

14. Using this tool, administrators can create policies that require computers to have the latest anti-virus and OS updates, as well as compliant firewall settings.
- a. Network Access Protection (NAP)
 - b. Terminal Services
 - c. Network Address Translation (NAT)
 - d. Secure Socket Tunneling Protocol (SSTP)

ANS: A PTS: 1 REF: 28

15. When examining the Workgroup Model, a Windows Server 2008 server that participates in a workgroup is referred to as a ____.
- a. domain controller
 - b. member server
 - c. stand-alone server
 - d. stand-alone member server

ANS: C PTS: 1 REF: 14

16. Terminal Services Gateway (TS Gateway) adds to TS web Access functionality by allowing a secure, encrypted connection using ____.

- a. Virtual Private Network (VPN)
- b. Secure Socket Tunneling Protocol (SSTP)
- c. Secure HTTP (HTTPS)
- d. Network Address Translation (NAT)

ANS: C PTS: 1 REF: 30

17. Which is not a benefit of using virtual machines?
- a. Virtual machines consolidate resources
 - b. Virtualization isolates critical applications for testing and troubleshooting purposes
 - c. Virtual machines can be used to provide access to multiple OSs in an educational environment
 - d. Virtual machines have reduced hardware and software requirements

ANS: D PTS: 1 REF: 27

18. File Server Resource Manager (FSRM) provides ____.
- a. storage reports, configuration of disk quotas, and use of filters for files users can store on the server
 - b. An interface for viewing status and monitoring and configuring shared folders and server volumes
 - c. high availability, reliable, shared storage
 - d. a method to perform complete server backups from a simplified and centralized interface

ANS: A PTS: 1 REF: 27

19. A network interface is composed of two parts:
- a. Device driver software and network medium
 - b. Network interface and network medium
 - c. Device driver software and network interface
 - d. Network interface and client software

ANS: C PTS: 1 REF: 14

20. This server role provides automatic IP address assignment and configuration for client computers.
- a. Dynamic Name Resolution (DNS)
 - b. Dynamic Host Configuration Protocol (DHCP)
 - c. Network Address Translation (NAT)
 - d. Dynamic Network Address Translation (DNAT)

ANS: B PTS: 1 REF: 20

21. This role service enables users and administrators to control a Windows desktop remotely or run applications hosted on a Windows server remotely.
- a. UDDI Services
 - b. Application Server
 - c. IIS
 - d. Terminal Services

ANS: D PTS: 1 REF: 22

COMPLETION

1. A _____ is a Windows server that's in the management scope of a Windows domain but doesn't have Active Directory installed.

ANS: member server

PTS: 1 REF: 14

2. _____ are services that can be installed in Server Manager to add functions to the main server role.

ANS: role services

PTS: 1 REF: 19

3. An _____ provides the same authentication and authorization services as a standard domain controller, but administrators can't make changes directly on the server.

ANS:
RODC
read only domain controller

PTS: 1 REF: 19

4. A _____ is a major function or service that a server provides.

ANS:
server role
role

PTS: 1 REF: 19

5. The _____ Edition of Windows Server 2008 is suitable for medium to large businesses and supports up to eight processors as well as up to 2 TB of RAM.

ANS: enterprise

PTS: 1 REF: 4

MATCHING

- | | |
|----------------------|---------------------------------------|
| a. role services | f. Enterprise edition |
| b. Windows workgroup | g. Read-Only Domain Controller (RODC) |
| c. domain controller | h. Windows domain |
| d. Standard edition | i. Single sign-on (SSO) |
| e. server role | |
-
1. Provides the same authentication and authorization as a standard domain controller, but administrators can't make changes
 2. Also called a peer-to-peer network
 3. A major function or service that a server provides
 4. Services that can be installed in Server Manager to add functions to the main server role.
 5. A Windows server that has Active Directory installed and is responsible for allowing client computers access to domain resources
 6. A Windows Server 2008 edition suitable for most small to medium businesses that need a robust solution for file and printer sharing, centralized control over user accounts and network resources, and common services found in most networks.
 7. A Windows Server 2008 edition suitable for medium to large businesses that need high availability network services.

8. A group of Windows computers that share common management and are subject to rules and policies that an administrator defines.
9. An authentication feature that makes it possible for users to access resources in their own organization as well as partner organizations

| | | |
|-----------|--------|---------|
| 1. ANS: G | PTS: 1 | REF: 19 |
| 2. ANS: B | PTS: 1 | REF: 14 |
| 3. ANS: E | PTS: 1 | REF: 19 |
| 4. ANS: A | PTS: 1 | REF: 19 |
| 5. ANS: C | PTS: 1 | REF: 14 |
| 6. ANS: D | PTS: 1 | REF: 4 |
| 7. ANS: F | PTS: 1 | REF: 4 |
| 8. ANS: H | PTS: 1 | REF: 14 |
| 9. ANS: I | PTS: 1 | REF: 29 |

SHORT ANSWER

1. When Active Directory is first installed on a server, you are given an opportunity to simultaneously install this server role. It handles resolution of Internet names and computers that are members of a domain to their assigned IP addresses.

ANS:
DNS server

PTS: 1 REF: 20

2. What is the minimum amount of required hard drive space for installing Windows Server 2008?

ANS:
10 GB

PTS: 1 REF: 5

3. Based on the following features, what Windows Server 2008 edition is being described?

Maximum RAM (32-bit): 64 GB
Failover clustering: 16 nodes
X86 sockets: 8
X64 sockets: 8
Virtual licenses: 4

ANS:
Windows Server 2008 Enterprise Edition

PTS: 1 REF: 5

4. What is the recommended memory requirement for Windows Server 2008?

ANS:
2 GB RAM or more

PTS: 1 REF: 5

5. Enter the term that corresponds to the following description:

A group of Windows computers that share common management and are subject to rules and policies that an administrator defines.

ANS:

Windows domain

PTS: 1

REF: 14

6. Enter the term that corresponds to the following description:

Also called a peer-to-peer network, it's a small collection of Windows computers whose users typically have something in common, such as the need to share files or printers with each other.

ANS:

Windows workgroup

PTS: 1

REF: 14

7. Enter the term that corresponds to the following description:

A file system used on Windows OSs that supports compression, encryption, and fine-tuned permissions.

ANS:

NTFS

PTS: 1

REF: 6

8. What Windows Server 2008 edition lacks many of the features present in other editions, and is more suited to a small business that doesn't require Active Directory?

ANS:

Windows Web Server 2008

PTS: 1

REF: 5

9. Enter the term that corresponds to the following description:

A new Windows Server 2008 installation option that uses a limited version of the GUI to take up fewer resources.

ANS:

Server Core

PTS: 1

REF: 32

10. What does DHCP stand for?

ANS:

Dynamic Host Configuration Protocol

PTS: 1

REF: 20