

Questions

1. In case you want to resize the partition, choose the supported file system below:
 - A. FAT32
 - B. NTFS**
 - C. ReFS**
 - D. ExFAT
2. Remote Access options:
 - A. Direct Access, VPN and web proxy
 - B. Routing, VPN, and Direct Access
 - C. Direct Access, VPN, Routing and Web Proxy**
 - D. VPN, routing and web proxy
3. In case, you want to initialize a physical disk with 3TB size. What type of partition tables will you use?
 - A. MBR
 - B. GPT**
 - C. CPT
 - D. MBA
4. Basic command for Server Core:
 - A. cconfig
 - B. sconfig**
 - C. mconfig
 - D. aconfig
5. Your company has a remote office that contains 500 client computers on a single subnet. You need to select a subnet mask for the network that will support all of the client computers. The solution must minimize the number of unused addresses. Which subnet mask should you select?
 - A. 255.255.252.0
 - B. 255.255.254.0**
 - C. 255.255.255.0
 - D. 255.255.255.128
6. Choose a true statement about Quota.
 - A. Quota is used to filter files to be saved to the server.
 - B. Quota is used to limit size.**
 - C. We can manage files with quota management.
 - D. Quota can read content of file.
7. “External Network” in Hyper-V is used to:
 - A. allow virtual machine to communicate with the host.
 - B. allow virtual machine to communicate with outside network.**
 - C. allow host communicate with host.
 - D. allow host communicate with virtual machine.
8. To allow host can communicate with virtual machine, we can use virtual switch:
 - A. External
 - B. Internal**

- C. Private
 - D. All virtual switches
9. The weak point of file screen is:
- A. can detect file extension.
 - B. File Screen cannot read content of file which you want to filter.
 - C. cannot limit size of file for specific purpose.
 - D. cannot filter file type you prefer.
10. Perform an in-place upgrade when:
- A. Existing servers meet hardware requirements
 - B. Perform software product migration in a separate environment
 - C. Perform migration of server roles, features, and settings in a separate environment
 - D. Ensure new operating system enhancements are installed by default
11. Nano Server is ideal for use in the following scenarios:
- A. DNS Server
 - B. Remote Access
 - C. AD-DS
 - D. Web server running IIS
12. Server core is:
- A. A more security-enhanced, less resource-intensive installation option than the Desktop Experience installation
 - B. An installation that can be converted to a full graphical shell version of Windows Server 2016
 - C. It is not default installation option for Windows Server 2016
 - D. Cannot managed locally by using Windows PowerShell and other standard tools
13. When you perform a migration, you:
- A. Do not affect your current Windows Server 2008 or later IT infrastructure
 - B. Software products installed on an existing server support an in-place upgrade
 - C. You want to keep existing data and security permissions
 - D. You want to keep existing roles, features, and settings
14. Which the following statement is true:
- A. Use MBR for disks smaller than 2 TB
 - B. Use MBR for disks bigger than 2 TB
 - C. MBR supports a maximum of five primary partitions per drive
 - D. MBR Supports a maximum of 128 partitions per drive

15. Which the following statement is true:

- A. Use GPT for disks smaller than 2 TB
- B. Use GPT for disks bigger than 2 TB**
- C. GPT supports a maximum of four primary partitions per drive
- D. GPT Supports a maximum of 129 partitions per drive

16. Basic disks are:

- A. Disks initialized for basic storage**
- B. The default storage for the Windows operating system**
- C. Be modified without restarting the Windows system
- D. Provide several options for configuring volumes

17. Which the following statements are true:

- A. You can extend or shrink NTFS volumes**
- B. You can extend or shrink ReFS volumes
- C. You cannot resize FAT/FAT32/exFAT volumes**
- D. You can shrink a volume with bad clusters

18. The file system that you can only extend volumes is:

- A. NTFS.
- B. ReFS**
- C. FAT/FAT32
- D. ExFAT

19. Choose the true statement about RAID.

- A. Combines multiple disks into a single logical unit to provide fault tolerance and performance**
- B. It allows for traffic failover to prevent connectivity loss if a network component fails.
- C. It prevents bandwidth aggregation.
- D. Cannot provides fault tolerance by disk mirroring and parity information.

20. Choose the right definition of RAID 1.

- A. Striped set without parity or mirroring
- B. Mirrored drives**
- C. Block level striped set with parity distributed across all disks
- D. Block level striped set with parity distributed across all disks

21. Choose the right definition of RAID 0.

- A. Striped set without parity or mirroring
- B. Mirrored drives

C. Block level striped set with parity distributed across all disks

D. Each pair of disks is mirrored, then the mirrored disks are

22. For instance, there are 2 physical disks – one disk with 1TB size and another one disk with 500GB size. Then you plan to configure RAID 1 so how much size of storage space will you get?

A. 1 TB

B. 500GB

C. 1.5 TB

D. 750 GB

23. For instance, there are 2 physical disks – one disk with 1TB size and another one disk with 1TB size. Then you plan to configure RAID 0 so how much size of storage space will you get?

A. 1 TB

B. 2 TB

C. 1.5 TB

D. 750 GB

24. Choose the wrong statement about enterprise storage devices.

A. DAS is physically attached to the server.

B. NAS is storage that is attached to a dedicated storage device and accessed through network shares.

C. SANs offers higher availability with the most flexibility.

D. DAS is the most expensive solution.

25. Choose the wrong statement about enterprise storage devices.

A. DAS can provide centralized storage solution.

B. NAS can provide centralized storage solution.

C. SAN can provide centralized storage solution.

D. Implement SANs by using Fibre Channel or iSCSI.

26. What does storage device provide the highest performing?

A. NAS

B. SAN

C. DAS

D. SAS

27. You plan to implement web server and host one website. Which DNS record would you need for hosting website?

A. host record/Alias record.

B. PTR record

C. MX record

D. TXT record

28. Which one is the wrong statement?

- A. External Network allows virtual machine to communicate with virtual machine only.
- B. External Network allow virtual machine to communicate with outside network.
- C. Internal Network allows host to communicate with host.
- D. Private Network allows virtual machines communicate with virtual machines only.

29. Which virtual hard disk format is wrong?

- A .vhd
- B .vhdx
- C .vhds
- D .vdx

30. Choose one of the following tools which not be used to troubleshoot IPv4:

- A. telnet
- B. ipconfig
- C. ssh
- D. tracert

31. Choose the following IP range which is public IP address:

- A. 10.0.0.0/8
- B. 172.16.0.0/12
- C. 20.0.0.0/24
- D. 192.168.0.0/16

32. Which statement is wrong about public IP?

- A. Required by devices and hosts that connect directly to the Internet
- B. Must be globally unique
- C. Routable on the Internet
- D. Must be translated to access the Internet

33. You work as a system administrator at one company. Your company have Windows Server 2019 R2 installed and implement File Service. You just add one hard disk with 3TB size to the File Server and configure it using MBR partition format table. However, you cannot configure it and get error message. What would you do to fix the problem?

- A. MBR
- B. GPT
- C. MBT
- D. GPR

34. For example, your company has DHCP server in network 192.168.0.10/24 and clients are in network with 172.16.0.10/24. Your manager wants you to make DHCP server provide dynamic IP to clients. What would you do to achieve this goal?

A. DHCP Reservation

B. DHCP Relay Agent

C. DHCP Option

D. DHCP Scope

35. Which one is not the true statement about DHCP lease generation?

A. DHCP client broadcasts a DHCPDISCOVER packet

B. DHCP servers broadcast a DHCP OFFER packet

C. DHCP client broadcasts a DHCPREQUEST packet

D. DHCP client broadcasts a DHCPACK packet

36. Which statement is not the benefit of dynamic IP?

A. Supplies IP addresses automatically

B. Typing incorrect IP address is a possibility

C. Ensures correct configuration information

D. Updates client configuration automatically

37. Which statement is about static IP?

A. Supplies IP addresses automatically

B. Frequent computer moves increase administrative effort

C. Ensures correct configuration information

D. Updates client configuration automatically

38. Which server can be assigned dynamic IP?

A. DNS Server

B. Domain Controller

C. Web Server

D. File Server

39. For instance, you work as system administrator for AZ company. One client user complains that he cannot join to the domain. What would you do to fix the problem? Here is the below information:

Domain Controller	Client Computer
Server name: az-dc.az.com	Computer name: john-pc
IP address: 192.168.0.10	IP address: 192.168.1.100
Mac Address: 255.255.255.0	Mac Address: 255.255.255.0
Gateway: 192.168.0.1	Gateway: 192.168.0.1
DNS: 192.168.0.10	DNS: 192.168.0.20

Change DNS from 192.168.0.10 to 192.168.0.20 on Domain Controller

Change DNS from 192.168.0.20 to 192.168.0.10 on Client Computer

Change DNS from 192.168.0.10 to 192.168.1.20 on Domain Controller

Change DNS from 192.168.0.20 to 192.168.1.10 on Client Computer

40. Which statement is not about DNS server?
- A. DNS is used to resolve host names to IP addresses
 - B. DNS is used to locate domain controllers and global catalog servers
 - C. DNS is used to translate IP addresses from private IP to public IP.
 - D. Locate mail servers during email delivery
41. Choose the following command-line tool which is not used to troubleshoot configuration issues on DNS resolution:
- A. Nslookup
 - B. DNSCmd
 - C. Telnet
 - D. Ipconfig
42. Which contain IP addresses for DNS root servers?
- A. Forwarder
 - B. Root hints
 - C. DNS queries
 - D. Root server
43. Choose the correct statement about iterative queries:
- A. A query sent from client to local DNS server
 - B. A query sent from local DNS server to forwarder
 - C. A query sent from local DNS server to DNS root server
 - D. A query sent from client to root server
44. Choose DNS zone that contain read/write copy of a DNS database:
- A. Primary zone
 - B. Secondary zone
 - C. Stub zone
 - D. Active Directory-integrated zone
45. Which component is not logical component of AD DS?
- A. Domain
 - B. Containers
 - C. Partitions
 - D. RODC
46. Which component is not physical component of AD DS?
- A. Schema
 - B. Domain Controller

C. Global catalog server

D. Data store

47. Choose the following statement is not about AD DS domain

A. AD DS requires one or more domain controllers

B. All domain controllers hold a copy of the domain database, which is continually synchronized

C. The domain is the context within which user accounts, computer accounts, and groups are created

D. Domain controller doesn't provide authentication to client

48. For instance, you create a user in domain controller, that user will be added to one default group automatically. Which group is it?

A. Domain admin

B. Domain users

C. Built-in administrator

D. Account Operator

49. How many types virtual switches in Hyper-V?

A. 3

B. 2

C. 4

D. 5

50. How many types of DNS queries?

A. 3

B. 2

C. 4

D. 5

51. Choose the following group which cannot be assigned permission:

A. Security group

B. Open group

C. Distribution group

D. User group

52. How many types of components of AD DS?

A. 3

B. 2

C. 4

D. 5

53. Which statement is not correct about user account?

A. Allow or deny access to sign into computers

B. Grant access to processes and services

C. Manage access to network resources

D. Used to create a secure channel between the computer and a domain controller

54. Choose the following group scopes which are given permission to access resource anywhere in the domain.
- A. Local groups
 - B. Domain-local groups**
 - C. Universal groups
 - D. Global groups
55. Which the following group is not the default group?
- A. Domain Admins
 - B. Account Operators
 - C. Marketing**
 - D. Administrators
56. Choose the following account that requires for joining domain:
- A. User account
 - B. Computer account
 - C. Administrator**
 - D. IT account
57. Which server will be implemented in branch office?
- A. Domain Controller
 - B. Data Store
 - C. RODC**
 - D. Global catalog server
58. Which server stores database of AD DS?
- A. Domain Controller**
 - B. Data Store
 - C. RODC
 - D. Global catalog server
59. Which server can provide authentication in AD DS?
- A. Domain Controller**
 - B. Data Store
 - C. RODC
 - D. Global catalog server
60. For example, you work as junior system administrator at ONE company. Your manager wants you to join a workstation to the domain but workstation and domain controller are on different networks (i.e. workstation is on 10.10.0.10/16 and domain controller is on 172.16.0.10/24). There is one client computer cannot be joined to domain. Where should you suggest to check?
- A. Domain Controller
 - B. Switches
 - C. Router

D. Client computer

61. Configuration management is a centralized approach to applying one or more changes to more than one user or computer in Group Policy. Which one is not the key elements of configuration management?

- A. Setting
- B. Scope
- C. Application

D. GPUupdate

62. Which criteria is not used for complex password?

- A. Use small and capital letter
- B. Use small and capital letter, number, symbol and 6 digits at least**
- C. Use small and capital letter and number
- D. Use small and capital letter and symbol

63. Which default group can be used to shut down or reboot the server?

- A. Account Operator
- B. Backup Operator
- C. Server Operator**
- D. Print Operator

64. Which server is for remote access?

- A. VPN Server**
- B. DNS Server
- C. Web Server
- D. Domain Controller

65. Which server is used to translate private IP to public IP?

- A. DNS Server
- B. RODC
- C. NAT Server**
- D. File Server

66. Which is not the setting of password policies?

- A. Enforce password history
- B. Maximum password age
- C. Account Lockout**
- D. Minimum password length

67. Choose the correct statement about RODC:

- A. RODCs cannot be operations master role holders
- B. RODCs cannot be bridgehead servers
- C. You should have only one RODC per site, per domain
- D. RODC can write objects in domain**

68. In case, your senior wants you to set expiration for user password. Which setting is going to be used?

- A. Enforce password history
- B. Maximum password age**
- C. Minimum password age
- D. Minimum password length

69. Which is not the setting of account lockout policies?

- A. Account lockout duration
- B. Account lockout threshold
- C. Reset account lockout counter after
- D. Account name**

70. When securing physical access to your domain controllers, consider the following options. Which one is not correct statement?

- A. Only deploy domain controllers where physical security is ensured
- B. Use RODCs
- C. Use BitLocker on domain controller disk volumes
- D. Store backups in unsecure locations**

71. Which one is not security options for Domain Controller?

- A. Account policies, such as passwords and account lockout
- B. Local policies, such as auditing, user rights, and security options
- C. Event log configuration
- D. Default groups**

72. In order to secure Active Directory Domain Services, we should:

- A. Implement RODCs**
- B. Implement Data Store
- C. Implement Global Catalog Server
- D. Implement VPN

73. Which is the function of DNS server?

- A. DNS is used to for web services
- B. DNS is used to locate domain controllers and global catalog servers**
- C. DNS is used to translate IP addresses from private IP to public IP
- D. DNS is used locate Web server in the domain

74. Which server host AD DS database (ntds.dit)?

- A. DNS
- B. Domain Controller**
- C. File Server
- D. Web Server

75. Which statement is correct?

- A. AD DS is the server role**
- B. Windows Backup is the server role

C. Fail-Over Clustering is the server role

D. DNS is the feature of the server

76. Which statement is correct about Hyper-V?

A. Hyper-V is hardware hypervisor which provides virtualization

B. Hyper-V is feature of the Windows server which provides virtualization services

C. Hyper-V is a server role which provides remote access

D. Hyper-V provide a level of security but also provide an opportunity for DoS attacks

77. Which statement is correct about child domain?

A. Is a child of a parent domain

B. Do not shares the same namespace with the parent domain

C. Is automatically created with a new forest

D. Can be the only domain in an AD DS deployment

78. Which following service does not an RODC provides to branch offices?

A. Read-only AD DS

B. Read-only DNS

C. Credential caching

D. Read-only File Server

79. DFS namespaces can be configured as:

A. Domain-based namespaces

B. Workgroup namespaces

C. Read-only namespaces

D. Credential caching

80. Which is not BranchCache-enabled content server?

A. Web servers

B. Application servers

C. File servers

D. DNS servers

81. Which is not hardware requirements for cluster nodes and storage?

A. Server hardware

B. Network adapters

C. Storage adapters

D. RAID

82. Which is not Hyper-V cluster components?

A. Cluster nodes

B. Cluster networks

C. Private networks

D. VMs

83. What can DHCP reservation be used for?

- A. To examine IP address in the network.
- B. Allow clients to obtain specific IP addresses without expiration.
- C. Allow File/Print server to obtain dynamic IP**
- D. To separate IP range for File/Print server

84. When would you perform an Offline Domain Join?

- A. When clients cannot be directly joined to domain due to network connectivity**
- B. When clients cannot access internet
- C. When you implement RODCs
- D. When DNS server is not available

85. For instance, you work as a junior system administrator for B2N company. One client computer cannot be joined to the domain. What would be the cause of the issue?

- A. Windows firewall block ping**
- B. Windows firewall is off
- C. File service is not working
- D. DNS cache problem

86. For example, you want to initialize a physical disk with 2TB size. What type of partition tables will you use?

- A. MBR**
- B. GPT
- C. SMB
- D. Branch Caches

87. Name two main technologies of DFS:

- A. DFS sysc and DFS replication
- B. DFS namespace and DFS replication**
- C. DFS namespace and DFS cache
- D. DFS namespace and DFS name resolution

88. What is a Domain Controller? Choose the correct statement:

- A. A server host AD DS database (ntds.dit)**
- B. A server host DHCP database
- C. A server host DNS database
- D. A server host SQL database

89. In order to configure server as router, which server role would you need to install?

- A. DNS
- B. Remote Access**
- C. File and Storage service
- D. AD DS

90. Your company plan to implement Work Folder on the corporate File Server to allow users to synchronize corporate data to all their devices. Your manager wants you to make the lab and testing it. During testing in the lab, you get an error message “The Work Folder URL must start with https://.(0x80c81002)”. How would you fix the problem?

A. configure HTTPs

B. configure FTP

C. configure NAT

D. configure TCP

91. What is live-migration in Hyper-V?

A. move virtual machine without down time

B. move virtual machine with down time

C. move virtual machine with low-speed connection

D. move virtual machine with high-speed connection

92. For instance, you work as system administrator for AT company. One client user complains that he cannot join to the domain. What would you do to fix the problem? Here is the below information:

Domain Controller	Client Computer
Server name: az-dc.at.com	Computer name: john-pc
IP address: 192.168.0.10	IP address: 192.168.1.100
Mac Address: 255.255.255.0	Mac Address: 255.255.255.0
Gateway: 192.168.0.1	Gateway: 192.168.0.1
DNS: 192.168.0.10	DNS: 192.168.0.10

A. Change gateway from 192.168.0.1 to 192.168.0.125 on Domain Controller

B. Change gateway from 192.168.0.125 to 192.168.0.1 on Client Computer

C. Change IP address from 192.168.0.10 to 192.168.1.100 on Domain Controller

D. Change IP address from 192.168.1.100 to 192.168.0.100 on Client Computer

93. What is forest trust?

A. A forest trust is a one-way or two-way trust relationship between the forest root domains of two forests

B. A forest trust is a one-way or two-way trust relationship between the root domains of two domains

C. A relationship between file servers and web servers

D. A connection between domain controller and clients

94. What is the integrated Role with AD DS?

A. DHCP

B. DNS

C. Hyper-V

D. Remote Access

95. Nano Server is ideal for use the following:

A. Domain Controller

B. RODC

C. DNS server

D. DHCP

96. Which is not the right configuration setting after installing Windows Server?
- A. Configure the IP address
 - B. Set the computer name
 - C. Join an Active Directory domain
 - D. Install TeamViewer app**
97. When you want to allow ping on the server, you need to configure:
- A. Disable Windows Firewall settings**
 - B. Allow ICMP protocol on Firewall setting
 - C. Enable the Remote Desktop feature
 - D. Enable automatic updates
98. Which statement is true about Ransomware?
- A. It is a type of identity attack.
 - B. It is a type of malware that encrypts files and folders.
 - C. A Distributed Denial of Service (DDoS) attack attempts to exhaust an application's resources.**
 - D. Malware designed to steal passwords or bank details.
99. In where workload, you have responsibility for everything from physical security to encrypting sensitive data.
- A. Infrastructure as a Service (IaaS)
 - B. On-premises datacenters**
 - C. Platform as a Service (PaaS)
 - D. Software as a Service (SaaS)
100. The human resources organization want to ensure that stored employee data is encrypted. Which security mechanism would they use?
- A. Hashing.
 - B. Digital signing.
 - C. Encryption at rest.**
 - D. Signing