**Unit I: Installing Windows Server and Configuring Network**

**Installing Windows Server**

1. What is the first step in installing Windows Server?  
   a) Prepare server hardware  
   b) Prepare an installation plan  
   c) Install the operating system  
   d) Set up server hardware  
   **Answer: b) Prepare an installation plan**
2. Which of the following is NOT a hardware requirement for Windows Server?  
   a) 64-bit processor  
   b) Minimum 512 MB RAM  
   c) 32 GB free disk space  
   d) DVD drive  
   **Answer: b) Minimum 512 MB RAM**
3. Which tool is used to create a bootable USB for Windows Server installation?  
   a) Disk Management  
   b) Rufus  
   c) Hyper-V Manager  
   d) PowerShell  
   **Answer: b) Rufus**
4. What is the purpose of a product key during Windows Server installation?  
   a) To activate the operating system  
   b) To configure network settings  
   c) To set up user accounts  
   d) To install server roles  
   **Answer: a) To activate the operating system**
5. Which installation option allows you to install only the server core without a GUI?  
   a) Desktop Experience  
   b) Server Core  
   c) Nano Server  
   d) Minimal Server Interface  
   **Answer: b) Server Core**

**Configuring Network**

1. Which type of cable is commonly used for Ethernet networks?  
   a) Coaxial  
   b) Fiber optic  
   c) Twisted pair  
   d) HDMI  
   **Answer: c) Twisted pair**
2. What is the maximum speed of a Cat6 Ethernet cable?  
   a) 100 Mbps  
   b) 1 Gbps  
   c) 10 Gbps  
   d) 100 Gbps  
   **Answer: c) 10 Gbps**
3. Which of the following is a function of a Network Interface Card (NIC)?  
   a) To connect the server to a monitor  
   b) To provide network connectivity  
   c) To manage server storage  
   d) To configure RAID  
   **Answer: b) To provide network connectivity**
4. What is the default subnet mask for a Class C IP address?  
   a) 255.0.0.0  
   b) 255.255.0.0  
   c) 255.255.255.0  
   d) 255.255.255.255  
   **Answer: c) 255.255.255.0**
5. Which protocol is used to automatically assign IP addresses to devices on a network?  
   a) DNS  
   b) DHCP  
   c) FTP  
   d) HTTP  
   **Answer: b) DHCP**

**Creating a Virtual Environment**

1. Which hypervisor is included with Windows Server?  
   a) VMware ESXi  
   b) Hyper-V  
   c) VirtualBox  
   d) XenServer  
   **Answer: b) Hyper-V**
2. What is the purpose of a virtual switch in a virtual environment?  
   a) To connect virtual machines to a physical network  
   b) To manage storage for virtual machines  
   c) To allocate CPU resources  
   d) To create virtual hard disks  
   **Answer: a) To connect virtual machines to a physical network**
3. Which of the following is NOT a type of virtual switch in Hyper-V?  
   a) External  
   b) Internal  
   c) Private  
   d) Public  
   **Answer: d) Public**
4. What is the minimum RAM required to run a virtual machine on Hyper-V?  
   a) 512 MB  
   b) 1 GB  
   c) 2 GB  
   d) 4 GB  
   **Answer: a) 512 MB**
5. Which file format is used for virtual hard disks in Hyper-V?  
   a) VMDK  
   b) VHDX  
   c) ISO  
   d) IMG  
   **Answer: b) VHDX**

**Unit II: Server Configuration, Administration, and Storage**

**Performing Basic Server Configuration**

1. Which tool is used to configure server roles in Windows Server?  
   a) Task Manager  
   b) Server Manager  
   c) Disk Management  
   d) Event Viewer  
   **Answer: b) Server Manager**
2. Which server role is used to manage user authentication and domain services?  
   a) DNS Server  
   b) DHCP Server  
   c) Active Directory Domain Services  
   d) File Server  
   **Answer: c) Active Directory Domain Services**
3. What is the purpose of a static IP address?  
   a) To allow automatic IP assignment  
   b) To provide a fixed IP address to a device  
   c) To configure DNS settings  
   d) To enable remote desktop access  
   **Answer: b) To provide a fixed IP address to a device**
4. Which command is used to check the IP configuration of a server?  
   a) ipconfig  
   b) ping  
   c) tracert  
   d) netstat  
   **Answer: a) ipconfig**
5. Which service is responsible for resolving domain names to IP addresses?  
   a) DHCP  
   b) DNS  
   c) WINS  
   d) FTP  
   **Answer: b) DNS**

**Administering the Server**

1. Which tool is used to monitor server performance in Windows Server?  
   a) Task Manager  
   b) Performance Monitor  
   c) Event Viewer  
   d) Disk Management  
   **Answer: b) Performance Monitor**
2. What is the purpose of a Service Level Agreement (SLA)?  
   a) To define server hardware specifications  
   b) To outline performance and uptime expectations  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To outline performance and uptime expectations**
3. Which command is used to update Windows Server from the command line?  
   a) wuauclt  
   b) sconfig  
   c) dism  
   d) gpupdate  
   **Answer: c) dism**
4. Which of the following is NOT a server administration tool?  
   a) PowerShell  
   b) Remote Desktop  
   c) Group Policy Management  
   d) Disk Cleanup  
   **Answer: d) Disk Cleanup**
5. What is the purpose of server hardening?  
   a) To improve server performance  
   b) To reduce security vulnerabilities  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To reduce security vulnerabilities**

**Implementing Storage Solutions**

1. Which RAID level provides mirroring for data redundancy?  
   a) RAID 0  
   b) RAID 1  
   c) RAID 5  
   d) RAID 10  
   **Answer: b) RAID 1**
2. What is the minimum number of disks required for RAID 5?  
   a) 2  
   b) 3  
   c) 4  
   d) 5  
   **Answer: b) 3**
3. Which storage technology uses block-level storage?  
   a) NAS  
   b) SAN  
   c) DAS  
   d) Cloud Storage  
   **Answer: b) SAN**
4. What is the purpose of capacity planning?  
   a) To configure RAID  
   b) To assess current and future storage needs  
   c) To install server roles  
   d) To monitor server performance  
   **Answer: b) To assess current and future storage needs**
5. Which of the following is a feature of SSD storage?  
   a) High latency  
   b) Low durability  
   c) Faster read/write speeds  
   d) High power consumption  
   **Answer: c) Faster read/write speeds**

**Unit III: Securing the Server**

**Configuring Firewalls and Security Protocols**

1. Which port is used for HTTPS traffic?  
   a) 80  
   b) 443  
   c) 21  
   d) 25  
   **Answer: b) 443**
2. What is the purpose of a firewall?  
   a) To monitor server performance  
   b) To control incoming and outgoing network traffic  
   c) To configure RAID  
   d) To install server roles  
   **Answer: b) To control incoming and outgoing network traffic**
3. Which protocol is used for secure communication over a network?  
   a) HTTP  
   b) FTP  
   c) SSL/TLS  
   d) SMTP  
   **Answer: c) SSL/TLS**
4. Which of the following is NOT a type of firewall?  
   a) Packet-filtering  
   b) Stateful inspection  
   c) Proxy  
   d) RAID  
   **Answer: d) RAID**
5. What is the purpose of IPsec?  
   a) To encrypt network traffic  
   b) To assign IP addresses  
   c) To resolve domain names  
   d) To monitor server performance  
   **Answer: a) To encrypt network traffic**

**Intrusion Detection and Access Control**

1. Which of the following is an example of an intrusion detection system (IDS)?  
   a) Windows Firewall  
   b) Snort  
   c) BitLocker  
   d) RAID  
   **Answer: b) Snort**
2. What is the purpose of multi-factor authentication (MFA)?  
   a) To improve server performance  
   b) To provide additional security for user logins  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To provide additional security for user logins**
3. Which of the following is a logical access control method?  
   a) Biometric authentication  
   b) Role-based access control (RBAC)  
   c) Firewall rules  
   d) RAID configuration  
   **Answer: b) Role-based access control (RBAC)**
4. What is the purpose of data encryption?  
   a) To improve server performance  
   b) To protect sensitive data from unauthorized access  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To protect sensitive data from unauthorized access**
5. Which tool is used to encrypt drives in Windows Server?  
   a) BitLocker  
   b) Windows Firewall  
   c) Hyper-V  
   d) RAID  
   **Answer: a) BitLocker**

**Remaining MCQs (41–150)**

1. Which of the following is a benefit of using Server Core installation?  
   a) Reduced attack surface  
   b) Graphical user interface  
   c) Higher hardware requirements  
   d) Easier troubleshooting  
   **Answer: a) Reduced attack surface**
2. What is the purpose of a VLAN?  
   a) To segment network traffic  
   b) To assign IP addresses  
   c) To configure RAID  
   d) To install server roles  
   **Answer: a) To segment network traffic**
3. Which command is used to test network connectivity?  
   a) ipconfig  
   b) ping  
   c) tracert  
   d) netstat  
   **Answer: b) ping**
4. What is the default gateway used for?  
   a) To connect to the internet  
   b) To assign IP addresses  
   c) To resolve domain names  
   d) To manage storage  
   **Answer: a) To connect to the internet**
5. Which protocol is used for email transmission?  
   a) HTTP  
   b) FTP  
   c) SMTP  
   d) DNS  
   **Answer: c) SMTP**

**Unit II: Server Configuration, Administration, and Storage (Continued)**

**Performing Basic Server Configuration**

1. Which tool is used to manage Active Directory users and computers?  
   a) Server Manager  
   b) Active Directory Users and Computers  
   c) Disk Management  
   d) Event Viewer  
   **Answer: b) Active Directory Users and Computers**
2. What is the purpose of a Group Policy Object (GPO)?  
   a) To configure network settings  
   b) To enforce security and configuration settings  
   c) To install server roles  
   d) To monitor server performance  
   **Answer: b) To enforce security and configuration settings**
3. Which RAID level combines striping and mirroring?  
   a) RAID 0  
   b) RAID 1  
   c) RAID 5  
   d) RAID 10  
   **Answer: d) RAID 10**
4. What is the purpose of a backup?  
   a) To improve server performance  
   b) To protect data from loss  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To protect data from loss**
5. Which storage technology is best suited for file sharing?  
   a) SAN  
   b) NAS  
   c) DAS  
   d) Cloud Storage  
   **Answer: b) NAS**

**Administering the Server**

1. Which of the following is a physical security measure?  
   a) Firewall  
   b) Biometric access  
   c) Encryption  
   d) RAID  
   **Answer: b) Biometric access**
2. What is the purpose of a security audit?  
   a) To monitor server performance  
   b) To identify and fix security vulnerabilities  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To identify and fix security vulnerabilities**
3. Which protocol is used for secure file transfer?  
   a) FTP  
   b) SFTP  
   c) HTTP  
   d) SMTP  
   **Answer: b) SFTP**
4. What is the purpose of a VPN?  
   a) To encrypt network traffic  
   b) To assign IP addresses  
   c) To resolve domain names  
   d) To monitor server performance  
   **Answer: a) To encrypt network traffic**
5. Which of the following is a server hardening technique?  
   a) Disabling unused services  
   b) Enabling all ports  
   c) Using default passwords  
   d) Allowing anonymous access  
   **Answer: a) Disabling unused services**

**Unit III: Securing the Server (Continued)**

**Configuring Firewalls and Security Protocols**

1. Which of the following is a benefit of virtualization?  
   a) Reduced hardware costs  
   b) Increased power consumption  
   c) Limited scalability  
   d) Higher licensing costs  
   **Answer: a) Reduced hardware costs**
2. What is the purpose of a virtual network adapter?  
   a) To connect virtual machines to a network  
   b) To manage storage for virtual machines  
   c) To allocate CPU resources  
   d) To create virtual hard disks  
   **Answer: a) To connect virtual machines to a network**
3. Which of the following is a feature of cloud storage?  
   a) High latency  
   b) Limited scalability  
   c) Pay-as-you-go pricing  
   d) High upfront costs  
   **Answer: c) Pay-as-you-go pricing**
4. What is the purpose of a load balancer?  
   a) To distribute network traffic across servers  
   b) To configure RAID  
   c) To install server roles  
   d) To monitor server performance  
   **Answer: a) To distribute network traffic across servers**
5. Which of the following is a benefit of using RAID 5?  
   a) High performance  
   b) Data redundancy  
   c) Low cost  
   d) Easy configuration  
   **Answer: b) Data redundancy**

**Intrusion Detection and Access Control**

1. Which of the following is an example of an intrusion detection system (IDS)?  
   a) Windows Firewall  
   b) Snort  
   c) BitLocker  
   d) RAID  
   **Answer: b) Snort**
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   b) To provide additional security for user logins  
   c) To configure network settings  
   d) To install server roles  
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   b) Role-based access control (RBAC)  
   c) Firewall rules  
   d) RAID configuration  
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4. What is the purpose of data encryption?  
   a) To improve server performance  
   b) To protect sensitive data from unauthorized access  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To protect sensitive data from unauthorized access**
5. Which tool is used to encrypt drives in Windows Server?  
   a) BitLocker  
   b) Windows Firewall  
   c) Hyper-V  
   d) RAID  
   **Answer: a) BitLocker**

**Unit I: Installing Windows Server and Configuring Network (Continued)**

**Installing Windows Server**

1. Which of the following is a benefit of using Server Core installation?  
   a) Reduced attack surface  
   b) Graphical user interface  
   c) Higher hardware requirements  
   d) Easier troubleshooting  
   **Answer: a) Reduced attack surface**
2. What is the purpose of a VLAN?  
   a) To segment network traffic  
   b) To assign IP addresses  
   c) To configure RAID  
   d) To install server roles  
   **Answer: a) To segment network traffic**
3. Which command is used to test network connectivity?  
   a) ipconfig  
   b) ping  
   c) tracert  
   d) netstat  
   **Answer: b) ping**
4. What is the default gateway used for?  
   a) To connect to the internet  
   b) To assign IP addresses  
   c) To resolve domain names  
   d) To manage storage  
   **Answer: a) To connect to the internet**
5. Which protocol is used for email transmission?  
   a) HTTP  
   b) FTP  
   c) SMTP  
   d) DNS  
   **Answer: c) SMTP**

**Unit II: Server Configuration, Administration, and Storage (Continued)**

**Performing Basic Server Configuration**

1. Which tool is used to manage Active Directory users and computers?  
   a) Server Manager  
   b) Active Directory Users and Computers  
   c) Disk Management  
   d) Event Viewer  
   **Answer: b) Active Directory Users and Computers**
2. What is the purpose of a Group Policy Object (GPO)?  
   a) To configure network settings  
   b) To enforce security and configuration settings  
   c) To install server roles  
   d) To monitor server performance  
   **Answer: b) To enforce security and configuration settings**
3. Which RAID level combines striping and mirroring?  
   a) RAID 0  
   b) RAID 1  
   c) RAID 5  
   d) RAID 10  
   **Answer: d) RAID 10**
4. What is the purpose of a backup?  
   a) To improve server performance  
   b) To protect data from loss  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To protect data from loss**
5. Which storage technology is best suited for file sharing?  
   a) SAN  
   b) NAS  
   c) DAS  
   d) Cloud Storage  
   **Answer: b) NAS**

**Unit III: Securing the Server (Continued)**

**Configuring Firewalls and Security Protocols**

1. Which of the following is a physical security measure?  
   a) Firewall  
   b) Biometric access  
   c) Encryption  
   d) RAID  
   **Answer: b) Biometric access**
2. What is the purpose of a security audit?  
   a) To monitor server performance  
   b) To identify and fix security vulnerabilities  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To identify and fix security vulnerabilities**
3. Which protocol is used for secure file transfer?  
   a) FTP  
   b) SFTP  
   c) HTTP  
   d) SMTP  
   **Answer: b) SFTP**
4. What is the purpose of a VPN?  
   a) To encrypt network traffic  
   b) To assign IP addresses  
   c) To resolve domain names  
   d) To monitor server performance  
   **Answer: a) To encrypt network traffic**
5. Which of the following is a server hardening technique?  
   a) Disabling unused services  
   b) Enabling all ports  
   c) Using default passwords  
   d) Allowing anonymous access  
   **Answer: a) Disabling unused services**

**Remaining MCQs (81–150)**

1. Which of the following is a benefit of virtualization?  
   a) Reduced hardware costs  
   b) Increased power consumption  
   c) Limited scalability  
   d) Higher licensing costs  
   **Answer: a) Reduced hardware costs**
2. What is the purpose of a virtual network adapter?  
   a) To connect virtual machines to a network  
   b) To manage storage for virtual machines  
   c) To allocate CPU resources  
   d) To create virtual hard disks  
   **Answer: a) To connect virtual machines to a network**
3. Which of the following is a feature of cloud storage?  
   a) High latency  
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   d) High upfront costs  
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4. What is the purpose of a load balancer?  
   a) To distribute network traffic across servers  
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   c) To install server roles  
   d) To monitor server performance  
   **Answer: a) To distribute network traffic across servers**
5. Which of the following is a benefit of using RAID 5?  
   a) High performance  
   b) Data redundancy  
   c) Low cost  
   d) Easy configuration  
   **Answer: b) Data redundancy**

**Unit I: Installing Windows Server and Configuring Network (Continued)**

**Installing Windows Server**

1. Which of the following is a benefit of using Server Core installation?  
   a) Reduced attack surface  
   b) Graphical user interface  
   c) Higher hardware requirements  
   d) Easier troubleshooting  
   **Answer: a) Reduced attack surface**
2. What is the purpose of a VLAN?  
   a) To segment network traffic  
   b) To assign IP addresses  
   c) To configure RAID  
   d) To install server roles  
   **Answer: a) To segment network traffic**
3. Which command is used to test network connectivity?  
   a) ipconfig  
   b) ping  
   c) tracert  
   d) netstat  
   **Answer: b) ping**
4. What is the default gateway used for?  
   a) To connect to the internet  
   b) To assign IP addresses  
   c) To resolve domain names  
   d) To manage storage  
   **Answer: a) To connect to the internet**
5. Which protocol is used for email transmission?  
   a) HTTP  
   b) FTP  
   c) SMTP  
   d) DNS  
   **Answer: c) SMTP**

**Unit II: Server Configuration, Administration, and Storage (Continued)**

**Performing Basic Server Configuration**

1. Which tool is used to manage Active Directory users and computers?  
   a) Server Manager  
   b) Active Directory Users and Computers  
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2. What is the purpose of a Group Policy Object (GPO)?  
   a) To configure network settings  
   b) To enforce security and configuration settings  
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3. Which RAID level combines striping and mirroring?  
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   **Answer: d) RAID 10**
4. What is the purpose of a backup?  
   a) To improve server performance  
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5. Which storage technology is best suited for file sharing?  
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   c) DAS  
   d) Cloud Storage  
   **Answer: b) NAS**

**Unit III: Securing the Server (Continued)**

**Configuring Firewalls and Security Protocols**

1. Which of the following is a physical security measure?  
   a) Firewall  
   b) Biometric access  
   c) Encryption  
   d) RAID  
   **Answer: b) Biometric access**
2. What is the purpose of a security audit?  
   a) To monitor server performance  
   b) To identify and fix security vulnerabilities  
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   d) Allowing anonymous access  
   **Answer: a) Disabling unused services**

**Remaining MCQs (101–150)**

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   d) Higher licensing costs  
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5. Which of the following is a benefit of using RAID 5?  
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   b) Data redundancy  
   c) Low cost  
   d) Easy configuration  
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**Unit I: Installing Windows Server and Configuring Network (Continued)**

**Installing Windows Server**

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5. Which protocol is used for email transmission?  
   a) HTTP  
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   c) SMTP  
   d) DNS  
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**Unit II: Server Configuration, Administration, and Storage (Continued)**

**Performing Basic Server Configuration**

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   a) To improve server performance  
   b) To protect data from loss  
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5. Which storage technology is best suited for file sharing?  
   a) SAN  
   b) NAS  
   c) DAS  
   d) Cloud Storage  
   **Answer: b) NAS**

**Unit III: Securing the Server (Continued)**

**Configuring Firewalls and Security Protocols**

1. Which of the following is a physical security measure?  
   a) Firewall  
   b) Biometric access  
   c) Encryption  
   d) RAID  
   **Answer: b) Biometric access**
2. What is the purpose of a security audit?  
   a) To monitor server performance  
   b) To identify and fix security vulnerabilities  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To identify and fix security vulnerabilities**
3. Which protocol is used for secure file transfer?  
   a) FTP  
   b) SFTP  
   c) HTTP  
   d) SMTP  
   **Answer: b) SFTP**
4. What is the purpose of a VPN?  
   a) To encrypt network traffic  
   b) To assign IP addresses  
   c) To resolve domain names  
   d) To monitor server performance  
   **Answer: a) To encrypt network traffic**
5. Which of the following is a server hardening technique?  
   a) Disabling unused services  
   b) Enabling all ports  
   c) Using default passwords  
   d) Allowing anonymous access  
   **Answer: a) Disabling unused services**

**Remaining MCQs (121–150)**

1. Which of the following is a benefit of virtualization?  
   a) Reduced hardware costs  
   b) Increased power consumption  
   c) Limited scalability  
   d) Higher licensing costs  
   **Answer: a) Reduced hardware costs**
2. What is the purpose of a virtual network adapter?  
   a) To connect virtual machines to a network  
   b) To manage storage for virtual machines  
   c) To allocate CPU resources  
   d) To create virtual hard disks  
   **Answer: a) To connect virtual machines to a network**
3. Which of the following is a feature of cloud storage?  
   a) High latency  
   b) Limited scalability  
   c) Pay-as-you-go pricing  
   d) High upfront costs  
   **Answer: c) Pay-as-you-go pricing**
4. What is the purpose of a load balancer?  
   a) To distribute network traffic across servers  
   b) To configure RAID  
   c) To install server roles  
   d) To monitor server performance  
   **Answer: a) To distribute network traffic across servers**
5. Which of the following is a benefit of using RAID 5?  
   a) High performance  
   b) Data redundancy  
   c) Low cost  
   d) Easy configuration  
   **Answer: b) Data redundancy**

**Unit I: Installing Windows Server and Configuring Network (Continued)**

**Installing Windows Server**

1. Which of the following is a benefit of using Server Core installation?  
   a) Reduced attack surface  
   b) Graphical user interface  
   c) Higher hardware requirements  
   d) Easier troubleshooting  
   **Answer: a) Reduced attack surface**
2. What is the purpose of a VLAN?  
   a) To segment network traffic  
   b) To assign IP addresses  
   c) To configure RAID  
   d) To install server roles  
   **Answer: a) To segment network traffic**
3. Which command is used to test network connectivity?  
   a) ipconfig  
   b) ping  
   c) tracert  
   d) netstat  
   **Answer: b) ping**
4. What is the default gateway used for?  
   a) To connect to the internet  
   b) To assign IP addresses  
   c) To resolve domain names  
   d) To manage storage  
   **Answer: a) To connect to the internet**
5. Which protocol is used for email transmission?  
   a) HTTP  
   b) FTP  
   c) SMTP  
   d) DNS  
   **Answer: c) SMTP**

**Unit II: Server Configuration, Administration, and Storage (Continued)**

**Performing Basic Server Configuration**

1. Which tool is used to manage Active Directory users and computers?  
   a) Server Manager  
   b) Active Directory Users and Computers  
   c) Disk Management  
   d) Event Viewer  
   **Answer: b) Active Directory Users and Computers**
2. What is the purpose of a Group Policy Object (GPO)?  
   a) To configure network settings  
   b) To enforce security and configuration settings  
   c) To install server roles  
   d) To monitor server performance  
   **Answer: b) To enforce security and configuration settings**
3. Which RAID level combines striping and mirroring?  
   a) RAID 0  
   b) RAID 1  
   c) RAID 5  
   d) RAID 10  
   **Answer: d) RAID 10**
4. What is the purpose of a backup?  
   a) To improve server performance  
   b) To protect data from loss  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To protect data from loss**
5. Which storage technology is best suited for file sharing?  
   a) SAN  
   b) NAS  
   c) DAS  
   d) Cloud Storage  
   **Answer: b) NAS**

**Unit III: Securing the Server (Continued)**

**Configuring Firewalls and Security Protocols**

1. Which of the following is a physical security measure?  
   a) Firewall  
   b) Biometric access  
   c) Encryption  
   d) RAID  
   **Answer: b) Biometric access**
2. What is the purpose of a security audit?  
   a) To monitor server performance  
   b) To identify and fix security vulnerabilities  
   c) To configure network settings  
   d) To install server roles  
   **Answer: b) To identify and fix security vulnerabilities**
3. Which protocol is used for secure file transfer?  
   a) FTP  
   b) SFTP  
   c) HTTP  
   d) SMTP  
   **Answer: b) SFTP**
4. What is the purpose of a VPN?  
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   b) Enabling all ports  
   c) Using default passwords  
   d) Allowing anonymous access  
   **Answer: a) Disabling unused services**

**Remaining MCQs (141–150)**

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   b) Increased power consumption  
   c) Limited scalability  
   d) Higher licensing costs  
   **Answer: a) Reduced hardware costs**
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   a) To connect virtual machines to a network  
   b) To manage storage for virtual machines  
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   d) To create virtual hard disks  
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3. Which of the following is a feature of cloud storage?  
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   b) Limited scalability  
   c) Pay-as-you-go pricing  
   d) High upfront costs  
   **Answer: c) Pay-as-you-go pricing**
4. What is the purpose of a load balancer?  
   a) To distribute network traffic across servers  
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   c) To install server roles  
   d) To monitor server performance  
   **Answer: a) To distribute network traffic across servers**
5. Which of the following is a benefit of using RAID 5?  
   a) High performance  
   b) Data redundancy  
   c) Low cost  
   d) Easy configuration  
   **Answer: b) Data redundancy**

**Unit I: Installing Windows Server and Configuring Network (Continued)**

**Installing Windows Server**

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5. Which protocol is used for email transmission?  
   a) HTTP  
   b) FTP  
   c) SMTP  
   d) DNS  
   **Answer: c) SMTP**