

Final: 70-411 chapter:  
chapters 8-14



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BUSTER**

to verify a user's identity Authentication is used for what purpose?

to grant access to a user Authorization is used for what purpose?

recording user's actions Auditing is used for what purpose?

IP addresses The Domain Name System (DNS) works much like a phone book to associate URLs (names) with what kinds of numbers?

53 Which TCP/UDP port does the DNS service use to communicate?

Fully Qualified Domain Name What does the acronym FQDN stand for?

sales. microsoft. com Which one of the following is an example of an FQDN?

hierarchical distributed What type of structure does DNS have?

. net Which of the following is an example of a top-level domain?

blah. com Which of the following is an example of a second-level domain?

host A specific, individual computer or other network device in a domain is known as what?

DNS resolver What is another term for DNS client?

forward lookup zone Which type of DNS zone resolves host names to IP addresses?

multi-master By using the Active Directory's integrated zone, DNS follows what kind of model?

fault tolerance What is one of the primary advantages to using Active Directory to store DNS information?

They allow you to break up larger domains into smaller, more manageable ones. What is one advantage of subdomains?

necessary resource entries A stub zone is a zone copy that contains only what type of records?

It speeds DNS queries by building a DNS request cache. What is the primary advantage of a caching-only DNS server?

canonical name or CNAME What is another designation for an Alias?

the zone serial number A Start of Authority record specifies what kind of information about a zone?

a CNAME record If you have a server named server1. blah. com, want to use it as your web server, and have requests point to www. blah. com, what kind of DNS record would you create?

reverse lookup zones Before creating PTR records, what DNS objects must you create?

the length of time a record remains in DNS cache What does Time to Live (TTL) mean in DNS parlance?

balanced Round-robin DNS is a term that refers to what kind of distribution mechanism for DNS responses to queries?

ipconfig /all Which command do you use to verify local DNS settings?

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It places you into nslookup's interactive mode. What does issuing the nslookup command with no parameters do on your system?

SOA record Which DNS record contains the serial number for the zone?

AD server Which of the following is an example of an SRV record?

delete resource records You can use the dnscmd command to create zones. What other tasks can you perform with it?

maps a host name to a single IPv6 address If an A record maps a host name to an IP address, what does an AAAA record do?

nslookup 192. 168. 1. 50 Which one of the following is correct for querying a PTR record?

Execute ipconfig /registerdns. How can you force a system to update its DNS record?

The PTR record doesn't exist. If you issue the command nslookup 192. 168. 1. 50 and get no response, but then issue nslookup server1 and receive 192. 168. 1. 50 as a response, what do you know is wrong?

They no longer supply acceptable bandwidth. Why are phone lines and ISDN not used today for remote access services (RAS)?

two network interface cards What special hardware configuration should a RAS server have?

for enhanced security Why would you set Verify Caller ID on a remote dial-up connection for a user?

Create and distribute an executable file that contains all the settings. What is the most efficient way to deploy VPN (virtual private network) configurations to hundreds of users?

if your users have laptop computers and work from home or office When would you want to use a split tunnel for users?

encapsulation What term is defined as private data placed in a packet with a header containing routing information that allows the data to traverse a transit network, such as the Internet?

You can't ping that interface. What is the result of enabling security on the RRAS interface in your RAS server?

VPN traffic is encrypted. Why use a VPN for client-to-server connections over the Internet?

by cryptographic checksum How is data verified when transferred through the Internet?

PPTP Of the four VPN tunneling protocols, which has the weakest encryption?

PAP Which authentication method is weakest (least secure)?

MS-CHAPv2 Which authentication protocol allows you to change an expired password during the connection process?

IKEv2 Which VPN protocol provides constant connectivity?

for light traffic on small networks When is it appropriate to use Windows Server 2012 as a router between two networks?

through the use of RIPHow are routing tables created dynamically?

Windows 7/Windows Server 2008 R2DirectAccess was introduced with which workstation/server pair?

bi-directionalWhat kind of connectivity does DirectAccess establish between workstation and server?

webWhat type of server is the network location server (NLS)?

Intra-Site Automatic Tunnel Addressing ProtocolWhat does the acronym ISATAP stand for?

Remote Access Management ConsoleWhat utility do you use to configure DirectAccess?

two consecutive public IP addressesWindows Server 2012 varies from the Windows Server 2008 R2 implementation in that it does not require which one of the following?

The DirectAccess server must be part of an Active Directory domain. What is the most basic requirement for a DirectAccess implementation?

IP-HTTPSIf the client cannot reach the DirectAccess server using 6to4 or Teredo tunneling, the client tries to connect using what protocol?

shows the NRPT rules as configured on the group policyWhat does the netsh namespace show policy command do?

determines the results of network location detection and the IPv6 addresses of the intranet DNS servers  
What does the netsh namespace show  
effectivepolicy command do?

seamless and always on  
What kind of connectivity does DirectAccess provide between client computers and network resources?

InternetDirectAccess is for clients connected to which network?

computer and user credentials  
How do the DirectAccess server and DirectAccess client authenticate each other?

Windows Server 2008  
Which one of the following operating systems may not act as a DirectAccess client?

an AD domain  
In addition to meeting operating system requirements, a DirectAccess client must be a member of what?

a RADIUS proxy server  
What kind of RADIUS server is placed between the RADIUS server and RADIUS clients?

authorization  
What process determines what a user is permitted to do on a computer or on a network?

Network Policy Server  
What is a RADIUS server known as in Microsoft parlance?

1812 and 1813  
Which ports do Microsoft RADIUS servers use officially?

the NPS server  
When an access client contacts a VPN server or wireless access point, a connection request is sent to what system?

the access server Which system, in a RADIUS infrastructure, handles the switchboard duties of relaying requests to the RADIUS server and back to the client?

an Accounting-Response to the access server What is the final step in the authentication, authorization, and accounting scenario between an access client and the RADIUS server?

RADIUS server To configure RADIUS service load balancing, you must have more than one kind of what system per remote RADIUS server group?

priority Which parameter specifies the order of importance of the RADIUS server to the NPS proxy server?

templates Using what feature can streamline the creation and setup of RADIUS servers?

the type of service and the user it's delivered to What information does the Accounting-Start message contain?

the RADIUS accounting server Which system is the destination for Accounting-Start messages?

certificate What type of NPS authentication is recommended over password authentication?

Username and passwords are sent in plain text. Why is password-based authentication not recommended?



a certificate authority Where do you get certificates for authentication purposes?

who, when, and how An NPS policy is a set of permissions or restrictions that determine what three aspects of network connectivity?

group membership Which variable can be set to authorize or deny a remote connection?

RADIUS The default connection request policy uses NPS as what kind of server?

locally Where is the default connection policy set to process all authentication requests?

how IP addresses are assigned What is the last setting in the Routing and Remote Access IP settings?

netsh What command-line utility is used to import and export NPS templates?

XML To which type of file do you export an NPS configuration?

when the source NPS database has a higher version number than the version number of the destination NPS database When should you not use the command-line method of exporting and importing the NPS configuration?

who is authorized to connect AND the connection circumstances for connectivity Network policies determine what two important connectivity constraints?

constraints When the Remote Access server finds an NPS network policy with conditions that match the incoming connection attempt, the server checks any \_\_\_\_\_ that have been configured for the policy.

denies If a remote connection attempt does not match any configured constraints, what does the Remote Access server do to the connection?

Shared Secrets AND Health Policies AND RADIUS Clients Identify the correct NPS templates. Select all that apply.

Client May Request an IP Address AND Server Must Supply an IP Address Which two of the following are Routing and Remote Access IP settings?

Server Settings Determine IP Address Assignment Which Routing and Remote Access IP setting is the default setting?

MPPE 128-Bit Which of the following is the strongest type of encryption?

a computer's overall health Network Access Protection (NAP) is Microsoft's software for controlling network access of computers based on what?

NPS, NPS Because NAP is provided by \_\_\_\_\_, you need to install \_\_\_\_\_ to install NAP.

IPv6 DHCP enforcement is not available for what kind of clients?

Anti-virus/anti-malware servers AND Software update servers Identify two remediation server types.

read-only What type of Active Directory domain controller is recommended to minimize security risks for remediation servers?

isolation When you fully engage NAP for remediation enforcement, what mode do you place the policy in?

netsh nap client show state To verify a NAP client's configuration, which command would you run?

Security Center AND NAP Agent Which two components must a NAP client have enabled in order to use NAP?

to provide user information in case of a compliance failure Why do you need a web server as part of your NAP remediation infrastructure?

the NAP Server Event Viewer Where do you look to find out which computers are blocked and which are granted access via NAP?

NAP-compliant AND NAP-noncompliant Health policies are in pairs. What are the members of the pair? Select two.

the computers are running Windows Update You should restrict access only for clients that don't have all available security updates installed if what situation exists?

The computer is isolated. What happens to a computer that isn't running Windows Firewall?

network policies AND connection request policies Health policies are connected to what two other policies?

pass all SHV checks  
To use the NAP-compliant policy, the client must do what?

locally connected computers  
Which computers are not affected by VPN enforcement?

NTLM  
What is the default authentication protocol for non-domain computers?

NT LAN Manager  
What does the acronym NTLM stand for?

sending a password to the server  
NTLM uses a challenge-response mechanism for authentication without doing what?

a secure network authentication protocol  
What type of protocol is Kerberos?

secret key  
Kerberos security and authentication are based on what type of technology?

5 minutes  
What is the default maximum allowable time lapse between domain controllers and client systems for Kerberos to work correctly?