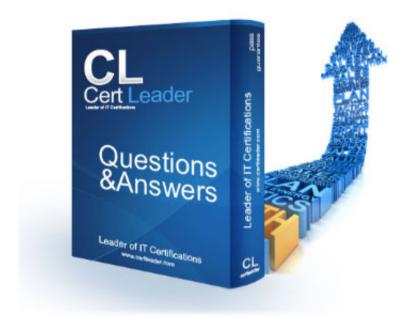# N10-007 Dumps

CompTIA Network+ N10-007

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NEW QUESTION 1
- (Exam Topic 1)
A UTM is deployed on the external edge of the main corporate office. The office connects to the WAN port of the edge router. The edge router at the main office connects to the remote offices using GRE IPSec tunnels. A network administrator notices that a worm that was not detected by the UTM has spread from the remote sites into the corporate network. The UTM currently has traffic rules applied that should block the port used by the worm. Which of the following steps would MOST likely correct this issue?

A. Move the UTM onto the LAN side of the network
B. Enable TLS inspection on the UTM
C. Enable stateful inspection on the UTM
D. Configure the UTM to deny encrypted files from being transferred

Answer: C

NEW QUESTION 2
- (Exam Topic 1)
Which of the following DNS record types is an alias?

A. CNAME
B. PTR
C. NS
D. SRV

Answer: A

NEW QUESTION 3
- (Exam Topic 1)
A company has just refreshed the hardware in its datacenter with new 10G Ethernet switches wishes to set up a new storage area network but must use existing infrastructure. Which of the following storage standards should the technician use?

A. iSCSI
B. Fibre Channel
C. NAS
D. InfinBand

Answer: C

NEW QUESTION 4
- (Exam Topic 1)
A network technician configures a firewall's ACL to allow outgoing traffic for several popular services such as email and web browsing. However, after the firewall's deployment, users are still unable to retrieve their
emails. Which of the following would BEST resolve this issue?

A. Allow the firewall to accept inbound traffic to ports 25, 67, 179, and 3389
B. Allow the firewall to accept inbound traffic to ports 80, 110, 143, and 443
C. Set the firewall to operate in transparent mode
D. Allow the firewall to accept inbound traffic to ports 21, 53, 69, and 123

Answer: B

NEW QUESTION 5
- (Exam Topic 1)
A network technician is planning to update the firmware on a router on the network. The technician has downloaded the file from the vendor's website. Before installing the firmware update, which of the following
steps should the technician perform to ensure file integrity?

A. Perform antivirus and anti-malware scans of the file.
B. Perform a hash on the file for comparison with the vendor's hash.
C. Download the file a second time and compare the version numbers.
D. Compare the hash of the file to the previous firmware update.

Answer: B

NEW QUESTION 6
- (Exam Topic 1)
Employees want the ability to use personal devices on the guest network while working out at the company gym. In order to meet the request, which of the
following policies requires employee adherence?

A. AUP
B. SLA
C. NDA
D. MOU

Answer: A

NEW QUESTION 7
- (Exam Topic 1)
A network technician is troubleshooting an issue and has established a theory of probable cause. Which of the following steps should the network technician take NEXT?

A. Test the possible solution
B. Question the users
C. Determine what has changed
D. Document the theory

Answer: A

NEW QUESTION 8
- (Exam Topic 1)
An entire enterprise cannot access a specific website. The network technician knows the website was accessible last week. The technician can also ping the website. Which of the following is the technician MOST likely to find upon investigation?

A. The firewall is misconfigured.
B. The network is being hit by a zero-day attack.
C. The SSL certificate is untrusted.
D. The SSL certificate has expired.

Answer: D

NEW QUESTION 9
- (Exam Topic 1)
A network administrator is redesigning network security after an attack. During the attack, an attacker used open cubicle location to attach devices to the network. The administrator wants to be able to monitor future attack in a safe environment and determine the method of attack. Which of the following should the administrator do to Best meet this requirement?

A. Create a VLAN for the unused ports and create a honeypot on the VLAN.
B. Install a BPDU guard on switchports and enable STP
C. Create a DMZ for public server and secure a segment for the internal network
D. Install antivirus software and set an ACL on the servers.

Answer: A

NEW QUESTION 10
- (Exam Topic 1)
Users are reporting Internet connectivity issues. The network administrator wants to determine if the issues are internal to the company network or if there is an issue with the ISP. Which of the following tools should be used to BEST determine where the outage is occurring?

A. traceroute
B. ping
C. nslookup
D. netstat

Answer: A

NEW QUESTION 10
- (Exam Topic 1)
To replace a defective UPS, the network administrator must take the switch offline. The administrator wants to be able to perform maintenance UPS in the future without affecting the availability of the attached switch. Which of the following would BEST allow this to happen?

A. Add a redundant power supply to the switch
B. Implement stacking on the switches in the rack
C. Add a second UPS into the rack
D. Install a power converter for the switch

Answer: A

NEW QUESTION 13
- (Exam Topic 1)
A technician attempts to replace a switch with a new one of similar model from the same vendor. When the technician moves the fiber and SFP plug, the switch does not completely boot up. Considering that the config files are the same, which of the following is the MOST likely cause of the failure?

A. Damaged fiber
B. Corrupted operating system
C. VLAN mismatch
D. Bad port

Answer: B

NEW QUESTION 18
- (Exam Topic 1)
A network technician needs to set up an access method for Ann, a manager, to work from home. Ann needs to locally mapped corporate resources to perform her job. Which of the following would provide secure access to the corporate resources?

A. Utilize an SSH connection to the corporate server.
B. Use TFTP to transfer files to corporate resources.
C. Allow RDP through an external firewall.
D. Connect utilizing client-to-site VPN.

Answer: D

NEW QUESTION 21
- (Exam Topic 1)
A critical vulnerable is discovered on a network device. The vendor state it has already patched this vulnerable in its current release. Which of the following actions should an administrator take?

A. Change the default password.
B. Use a firewall in front of the device.
C. Update the firmware.
D. Upgrade the configuration.

Answer: B

NEW QUESTION 25
- (Exam Topic 1)
A network technician recently installed a new server on a network. The technician must ensure the server does not have any unnecessary services running. The IP address of the server is 204.211.38.50
Which of the following commands would allow the technician to make this determination?

A. nmap
B. pathping
C. route
D. nslookup

Answer: A

NEW QUESTION 27
- (Exam Topic 1)
A technician is setting up a public guest network for visitors to access the Internet that must be separate from the corporate network. Which of the following are the BEST steps for the technician to take with minimum overhead configuration? (Choose two.)

A. Enable SSID broadcasting to identify the guest network
B. Configure visitor devices to use static IP addresses
C. Enable two-factor authentication on visitor devices
D. Configure the access point to use WPA2-AES encryption
E. Ensure the access point is not running in mixed mode

Answer: AB

NEW QUESTION 28
- (Exam Topic 1)
A network technician is setting up a new router. Since it is exposed to the public, which of the following are the BEST steps the technician should take when setting up this device? (Choose two.)

A. Disable unnecessary services.
B. Use private IP addresses.
C. Allow remote management access.
D. Disable the console port.
E. Enable encryption.
F. Upgrade to the latest firmware.

Answer: AF

NEW QUESTION 30
- (Exam Topic 1)
A technician is troubleshooting a point-to-point fiber-optic connection. The technician is at a remote site and has no connectivity to the main site. The technician confirms the switch and the send-and-receive light levels are within acceptable range. Both fiber SFPs are confirmed as working. Which of the following should the technician use to reveal the location of the fault?

A. OTDR
B. Light meter
C. Tone generator
D. CSU/DSU

Answer: A

NEW QUESTION 35
- (Exam Topic 1)
A network administrator receives a call from the sales department requesting ports 20 and 21 be opened on the company's firewall to allow customers to retrieve a large file. Which of the following should the administrator perform BEFORE making the needed changes? (Choose two.)

A. Document the reason for the request
B. Scan the file for malware to protect the sales department's computers
C. Follow the company's approval process for the implementation
D. Install a TFTP server for the customers to use for the transfer
E. Create a honeypot to store the file on for the customers to use
F. Write the SLA for the sales department authorizing the change

Answer: AC

NEW QUESTION 36
- (Exam Topic 1)
A network technician receives a call from a user in the accounting department stating that Internet connectivity has been lost after receiving a new workstation. No other users in accounting are reporting similar issues. The network technician is able to ping the machine from the accounting department's router, but is not able to ping the machine from the IT network. Which of the following is MOST likely the cause?

A. Incorrect default gateway
B. Duplicate IP address
C. Misconfigured OSPF
D. Improper VLAN assignment

Answer: A

NEW QUESTION 41
- (Exam Topic 1)
A technician is troubleshooting network connectivity issues with a remote host. Which of the following tools would BEST inform the technician of nodes between the client and the remote host? (Choose two.)

A. tracert
B. ping
C. tcpdump
D. pathping
E. netstat
F. nslookup
G. route

Answer: AD

NEW QUESTION 44
- (Exam Topic 1)
Which of the following are characteristics of jumbo frames? (Choose two.)

A. Commonly used on SAN
B. MTU size greater than 1500
C. MTU size greater than 10000
D. Commonly used on IaaS
E. MTU size greater than 12000

Answer: AB

NEW QUESTION 49
- (Exam Topic 1)
A network technician has to integrate three legacy industrial devices into the existing wireless network. The devices only support 802.11b and TKIP. Which of the following should the technician do to connect these devices to the wireless network with the restrictive settings while not affecting the performance of the other users? (Select Two).

A. Create a second SSID that uses WPA personal.
B. Change the encryption to WPA@ personal.
C. Enable MAC filtering.
D. Change the encryption to WPA2 Enterprise.

Answer: D

NEW QUESTION 51
- (Exam Topic 1)
Which of the following is the correct port number for NTP?

A. 25
B. 69
C. 123
D. 161

Answer: C

NEW QUESTION 56
- (Exam Topic 1)
A network administrator wishes to ensure there are no unnecessary open communication paths into a server. Using a port scanner, the administrator finds that ports are reported as closed. Which of the following BEST explains this response?

A. The ports belong to an active system and are denying requests
B. The ports are associated with deprecated services
C. The ports do not belong to a live system
D. The ports replied with a SYN/ACK response

Answer: B

NEW QUESTION 59
- (Exam Topic 1)
A technician needs to upgrade a SOHO wireless router's firmware. The technician resets the router to factory settings and installs the new firmware. The technician enters the DHCP information and sets the SSID. Which of the following configurations would provide the MOST protection from advance hackers?

A. Disable the broadcasting of the SSID.
B. Enable WPA2 authentication for all hosts.
C. Use private addressing for the DHCP scope.
D. Install unidirectional antennas.

Answer: B

NEW QUESTION 62
- (Exam Topic 1)
A technician is allocating the IP address space needed for a remote office. This office will contain the engineering staff with six employees and the digital marketing staff with 55 employees. The technician has decided to allocate the 192.1.0/24 block to the remote office. The engineering staff has been allocated the 192.168./29 subnet. Using the LEAST amount of space possible, which of the following would be the last usable IP address in the engineering subnet?

A. 192.168.1.62
B. 192.168.1.63
C. 192.168.1.70
D. 192.168.1.71

Answer: A

NEW QUESTION 64
- (Exam Topic 1)
Which of the following storage network technologies inherently leverages block-level storage?

A. NAS
B. SAN
C. FCoE
D. iSCSI
E. FTP

Answer: A

NEW QUESTION 65
- (Exam Topic 1)
A network technician is creating a new subnet for 488 host machines. The technician is told to use a class B address scheme when making the subnet and is instructed to leave as much room as possible for additional subnets of the same size. Which of the following subnets would fulfill these requirements?

A. 10.5.4.0/22
B. 10.233.2.0/23
C. 172.16.0.0/22
D. 172.18.0.0/23
E. 192.168.25.0/24

Answer: D

NEW QUESTION 69
- (Exam Topic 1)
A network administrator is testing connectivity at a new corporate site. The site has a wireless guest as well as a wired employee network. After verifying connectivity, the administrator checks link speeds by using a speed testing website. The speed testing website shows lower download and upload speeds for the wired network than the wireless network. Which of the following is the MOST likely explanation?

A. There is less local congestion on the wireless network
B. The testing server for the wired network was farther away
C. The firewall is configured to throttle traffic to specific websites
D. The wireless access points were misconfigured

Answer: B

NEW QUESTION 72
- (Exam Topic 1)
Which of the following would allow a device to maintain the same IP address lease based on the physical address of the network card?

A. MAC address reservation
B. Static IP address
C. IP address exclusion

D. Custom DNS server entry

Answer: A

NEW QUESTION 73
- (Exam Topic 1)
A technician is performing a maintenance task on a weekly basis and wants to ensure the task is properly documented and able to be performed by other technician. Which of the following types of documentation should the technician complete?

A. Standard operating procedure
B. Work order
C. Performance baseline
D. Logical diagram
E. Change management

Answer: A

NEW QUESTION 74
- (Exam Topic 1)
A network technician has discovered a rogue access point under an empty cubicle desk. Which of the following should the technician perform to ensure another cannot be placed on the network?

A. Disable unused ports on switches
B. Enable DHCP guard to detect rogue servers
C. Configure WPA2 on all access points
D. Use TACACS+ authentication

Answer: B

NEW QUESTION 76
- (Exam Topic 1)
AContent filter is set to analyze XML and JSON that users access from the internet. At which of the following layer's is this analysis taking place?

A. 1
B. 3
C. 5
D. 7
E. 6

Answer: E

NEW QUESTION 81
- (Exam Topic 1)
A network technician is working on a new switch implementation to expand the network. Which of the following is the BEST option to ensure the implementation goes according to business requirements?

A. AUP
B. NDA
C. SOP
D. SLA

Answer: C

NEW QUESTION 84
- (Exam Topic 1)
A network technician is troubleshooting wireless network issues in a crowded office complex and suspects there is interference from nearby wireless networks. Which of the following should the technician perform to discover possible interference?

A. Site survey
B. Vulnerability scanning
C. Wardriving
D. Checking logical diagram
E. Bandwidth test

Answer: A

NEW QUESTION 85
- (Exam Topic 1)
A network technician wants to remotely and securely access the desktop of a Linux workstation. The desktop is running remote control software without encryption. Which of the following should the technician use to secure the connection?

A. SSH in tunnel mode
B. RDP set to console connection
C. EAP-PEAP
D. SFTP

Answer: A

NEW QUESTION 90
- (Exam Topic 1)
Which of the following physical security devices is used to detect unauthorized server room access?

A. Access badge
B. Biometrics
C. Smart card
D. Video surveillance

Answer: D

NEW QUESTION 94
- (Exam Topic 1)
A network technician is attempting to troubleshoot a connectivity issue. The issue is only reported during the evening hours, and only a single workstation loses connectivity. Which of the following is the MOST likely cause of the issue?

A. The router has time-based ACL applied for the network segment.
B. A light source is creating EMI interface, affecting the UTP.
C. Nightly backups are consuming excessive bandwidth.
D. The user has violated the AUP, and Internet access has been restricted

Answer: D

NEW QUESTION 96
- (Exam Topic 1)
When enabling jumbo frames on a network device, which of the following parameters is being adjusted?

A. Speed
B. Duplex
C. MTU
D. TTL

Answer: C

NEW QUESTION 99
- (Exam Topic 1)
A technician needs to order cable that meets 10GBaseT and safety requirements for an installation between a drop ceiling and a standard ceiling.
Which of the following should the technician order to ensure compliance with the requirements?

A. PVC Cat 5
B. Plenum Cat 5e
C. Plenum Cat 6a
D. PVC Cat 7

Answer: C

Explanation:
10GBaseT A 10 GbE standard designed to run on Cat 6a UTP cabling. Maximum cable length of 100 m.

NEW QUESTION 102
- (Exam Topic 1)
Under which of the following layers of the OSI do ATM cells operate?

A. Data link
B. Network
C. Session
D. Transport
E. Presentation

Answer: A

NEW QUESTION 104
- (Exam Topic 1)
A technician has installed a Linux server in the tax office. The server can access most of the resources on the network, but it cannot connect to another server that has a share for backup. The technician learns that the target server is on a different subnet. Which of the following tools should the technician use to ensure the Linux server can reach the backup location?

A. netstat
B. traceroute
C. route
D. dig
E. ifconfig

Answer: B

NEW QUESTION 105

- (Exam Topic 1)
An administrator wants to implement an additional authentication factor to the remote SSH servers. Which of the following accomplishes this goal with the principle of*something you have*?

A. Certificate
B. pattern
C. Password
D. Fingerprint

Answer: A

NEW QUESTION 108
- (Exam Topic 1)
Which of the following protocols authenticates a PC to the server using a ticket issued to it by the authentication service?

A. Kerberos
B. RADIUS
C. TACACS+
D. LDAP

Answer: A

NEW QUESTION 111
- (Exam Topic 1)
A network administrator gets a call regarding intermittent network outages across the country. Which of the following should be used to connect to the network so the administrator can troubleshoot this issue from home? (Choose two.)

A. FTP
B. SMTP
C. VPN
D. SSH
E. SNMP

Answer: CD

NEW QUESTION 112
- (Exam Topic 1)
A network technician is adding workstation to the enterprise network. After bringing the PCs online. The technician receives reports from random users that they cannot log on. The technician checks and finds everything is functioning for most users. Which of the following is MOST likely causing the problem?

A. Exhausted DHCP scope
B. DNS resolving
C. Duplicate Mac address
D. Incorrect ACL entry

Answer: C

NEW QUESTION 116
- (Exam Topic 1)
A technician is working on a new machine that has been procured for testing and development. The machine will run a hypervisor and host several operating systems of various types so the development team can test the company's applications in a variety of environments. The technician wants the virtual machines to be available to communicate with each other without leaving the hypervisor. Which of the following is the BEST solution to the problem?

A. The technician should connect the machine to its own separate switch.
B. The technician should add a route in each virtual machine to the default gateway.
C. The technician should configure a virtual switch.
D. The technician should set up individual routes between the machines.

Answer: C

NEW QUESTION 119
- (Exam Topic 1)
A network technician notices the site-to-site VPN and Internet connection have not come back up at a branch office after a recent power outage. Which of the following is an out-of-band method the technician would MOST likely utilize to check the branch office's router status?

A. Use a modem to console into the router
B. Walk a user through troubleshooting the connection
C. Travel to the branch office
D. Hire a contractor to go on-site

Answer: A

NEW QUESTION 124
- (Exam Topic 1)
A company finds that many desktops are being reported as missing or lost. Which of the following would BEST assist in recovering these devices?

A. Asset tracking tags

B. Motion detectors
C. Security guards
D. Computer locks

Answer: D

NEW QUESTION 127
- (Exam Topic 1)
A junior technician is setting up a voice control device so the Chief Execute Officer (CEO) will be to control various things in the office. Of which of the following types of lot technologies is this an example?

A. LAN
B. WAN
C. SAN
D. PAN

Answer: D

NEW QUESTION 132
- (Exam Topic 1)
A network administrator is going to be performing a major upgrade to the network. Which of the following should the administrator use in case of a failure?

A. Baseline report
B. Vulnerability report
C. Rollback plan
D. Business continuity plan

Answer: C

NEW QUESTION 134
- (Exam Topic 1)
Which of the following MUST be implemented to share metrics between routing protocols within the same router?

A. Routing loop
B. Routing table
C. Route redistribution
D. Dynamic routes

Answer: B

NEW QUESTION 137
- (Exam Topic 1)
A junior network technician receives a help desk ticket from an end user who is having trouble accessing a web application that was working the previous day. After talking with the end user and gathering information about issue, which of the following would be the most likely course of action for the technician to perform next?

A. Establish a theory of probable cause.
B. Escalate the ticket to a senior technician.
C. Implement the solution.
D. Document the findings and outcomes.

Answer: A

NEW QUESTION 140
- (Exam Topic 1)
A network technician is diagnosing a time-out issue generated from an end user's web browser. The web browser issues standard HTTP get and post commands to interact with the website. Given this information, the technician would like to analyze the entire TCP handshake of the HTTP requests offline. Which of the following tools would allow the technician to view the handshake?

A. Packet analyzer
B. Port analyzer
C. SNMP traps
D. Spectrum analyzer

Answer: A

NEW QUESTION 145
- (Exam Topic 1)
A network administrator is setting up a web-based application that needs to be continually accessible to the end users. Which of the following concepts would BEST ensure this requirement?

A. High availability
B. Snapshots
C. NIC teaming
D. Cold site

Answer: A

NEW QUESTION 148
- (Exam Topic 1)
A network engineer arrives at work and discovers that many users are having problems when attempting to connect to the company network shared drives. The network operations center (NOC) technician just completed server upgrades the night before. To which of the following documents should the NOC technician refer to determine what potentially caused the connectivity problem?

A. Network maps
B. Cable management
C. Release notes
D. Change management

Answer: D

NEW QUESTION 149
- (Exam Topic 1)
A network administrator configures a router with the following IP address information: Gigabit Ethernet 1 Interface: 10.10.0.1/24
Serial 0 Interface: 10.10.0.253/30
Clients are connected to a switch on the gigabit Ethernet interface; the ISP is connected to the Serial 0 interface. When the router configuration is complete and client devices are reconfigured, all clients report that they are unable to connect to the Internet. Which of the following is the MOST likely reason?

A. The router was configured with an incorrect IP address
B. The router was configured with an incorrect default gateway
C. The router was configured with an incorrect subnet mask
D. The router was configured with an incorrect loopback address

Answer: C

NEW QUESTION 150
- (Exam Topic 1)
Which of the following devices should a network administrator configure on the outermost part of the network?

A. Media converter
B. Switch
C. Modem
D. Firewall

Answer: D

NEW QUESTION 153
- (Exam Topic 1)
A technician is configuring a printer for a client. The technician connects the printer to the network, but is unsure how to determine its switchport. Which of the following should the technician do FIRST to locate the
switchport?

A. Perform a DNS lookup on the server.
B. Set up an SSH session to the desktop.
C. Reference the ARP table in the router.
D. Configure port security on the switch.

Answer: C

NEW QUESTION 158
- (Exam Topic 1)
A network technician receives a call branch office about problem with its wireless connectivity. The user states the office is hosting a ….metting that includes some online training with local businesses. The guest users have all brought devices to connect to the guest network at ….Branch office. All users sre connected to a single WAP and are reporting that connections keep drooping and network speeds are unusable. Which of the following is the MOST likely cause of this issue?

A. DHCP exhaustion
B. Channel overlapping
C. interference
D. Overcapacity

Answer: D

NEW QUESTION 162
- (Exam Topic 1)
The IT manager at a small firm is in the process of renegotiating an SLA with the organization's ISP. As part of the agreement, the organization will agree to a dynamic bandwidth plan to provide 150Mbps of bandwidth.
However, if the ISP determines that a host on the organization's internal network produces malicious traffic, the ISP reserves the right to reduce available bandwidth to 1.5 Mbps. Which of the following policies is being agreed to in the SLA?

A. Session hijacking
B. Blocking
C. Throttling
D. Data usage limits
E. Bandwidth quotasf

Answer: C

NEW QUESTION 163
- (Exam Topic 1)
A network administrator has a monitoring system in place that is currently polling hundreds of network devices at regular intervals. The continuous polling is causing high CPU utilization on the server. Which of the following tasks should the administrator perform to resolve the CPU issue while maintaining full monitoring capabilities?

A. Remove SNMP polling and configure SNMP traps on each network device
B. Remove SNMP polling and implement snmpwalk on each network device
C. Upgrade SNMP to the latest version to mitigate vulnerabilities
D. Modify SNMP polling to poll only during business hours

Answer: A

NEW QUESTION 166
- (Exam Topic 1)
Ann, a new employees within a department, cannot print to any of the printers in the department or access any of the resources that other can. However, she can access the internet. The network engineer has confirmed that Ann's has been set up same as the others. There are no access lists restricting Ann's access. Which of the following cloud be the issue for this lack of access?

A. Duplex/speed mismatch
B. VLAN mismatch
C. DNS server issue
D. DHCP server issue
E. Spanning tree blocked ports

Answer: B

NEW QUESTION 170
- (Exam Topic 1)
Which of the following WAN technologies utilizes the concept of virtual circuits and point-multipoint connections?

A. ISDN
B. MPLS
C. PRI
D. Broadband cable
E. Frame relay

Answer: E

NEW QUESTION 174
- (Exam Topic 1)
After a server outage, a technician discovers that a physically damaged fiber cable appears to be the problem. After replacing the cable, the server will still not connect to the network. Upon inspecting the cable at the server end, the technician discovers light can be seen through one of the two fiber strands. Which of the following should the technician do FIRST to reconnect the server to the network?

A. Reverse the fiber strands of the cable and reconnect them to the server
B. Use a TDR to test both strands of a new replacement cable prior to connecting it to the server
C. Replace the server's single-mode fiber cable with multimode fiber
D. Move the fiber cable to different port on the switch where both strands function

Answer: A

NEW QUESTION 176
- (Exam Topic 1)
Which of the following is a reason why a business may be hesitant to move sensitive data to a SaaS cloud service?

A. Decreased performance of internal network
B. Loss of full control over data resources
C. Increased malware exposure
D. Incompatibility with the current network

Answer: B

NEW QUESTION 179
- (Exam Topic 1)
An office user cannot access local network drives but has full access to the Internet. A technician troubleshoots the issue and observes the following output of the ipconfig command:

```
Windows IP Configuration

Ethernet LAN Adapter: 980GTS
Connection-specific DNS Suffix: ...comptia.net
APv4 Address: ......10.0.5.99
Subnet Mask: ......255.255.255.0
Default Gateway: ...10.0.5.1

Wireless LAN Adapter: FastWifi 99
Connection-specific DNS Suffix: ...guestwireless.local
IPv4 Address: ......172.16.0.5
Subnet Mask: ......255.255.255.0
Default Gateway: ...172.16.0.254
```

Which of the following would MOST likely allow the network drives to be accessed?

A. Update the WLAN adapter driver
B. Disable the WLAN adapter
C. Check the wireless DHCP configuration
D. Disable the LAN adapter

Answer: B

NEW QUESTION 181
- (Exam Topic 1)
Which of the following BEST describes the differences between VLAN hopping and session hijacking?

A. VLAN hopping involves the unauthorized transition from one VLAN to another to gain additional acces
B. Session hijacking involves overriding a user's web connection to execute commands
C. VLAN hopping is a brute force attack executed to gain additional acces
D. Session hijacking involves physically disrupting a network connection
E. VLAN hopping involves overriding a user network connection to execute malicious command
F. Session hijacking involves compromising a host to elevate privileges
G. VLAN hopping is the act of exploiting poor VLAN taggin
H. Session hijacking is a web-based attack aimed at privilege escalation

Answer: A

NEW QUESTION 182
- (Exam Topic 1)
A network administrator wants to employ a username and password authentication system for guest WiFi. Which of the following is the BEST option to provide this type of authentication?

A. port security
B. MAC filtering
C. Network access control
D. Captive portal

Answer: D

NEW QUESTION 186
- (Exam Topic 1)
Which of the following protocols do MOST MITM attacks utilize?

A. ARP
B. SIP
C. FTP
D. SCP

Answer: A

NEW QUESTION 191
- (Exam Topic 1)
Which of the following is recognized as the SMALLEST network type?

A. SAN
B. CAN
C. PAN
D. LAN

Answer: C

Explanation:
PAN is definitively the smallest type of network you can currently use and the name comes from Personal Area Network. You've probably used this in the last week without even knowing it.
http://compinfopro.com/types-of-network-pan-man-wlan-san-can-dan/

NEW QUESTION 192
- (Exam Topic 1)
A technician is downloading an ISO from a vendor's website. To ensure the integrity of the download, which of the following should be verified?

A. File size
B. Vendor URL
C. File hashing
D. Encryption

Answer: C

NEW QUESTION 197
- (Exam Topic 1)
In which of the following ways does a DDoS attack differ from a spoofing attack?

A. DDoS attacks target multiple networks
B. Spoofing attacks originate from a single host
C. DDoS attacks are launched from multiple hosts
D. Spoofing attacks require physical presence

Answer: C

NEW QUESTION 202
- (Exam Topic 1)
A network technician is able to connect the switches between to offices, but the offices cannot communicate with each other, as each office uses a different IP addressing scheme. Which of the following devices needs to be installed between the switches to allow communication?

A. Bridge
B. Access point
C. Router
D. Range extender

Answer: C

NEW QUESTION 205
- (Exam Topic 1)
An analyst is developing a proof of concept of a wireless-based attack as part of a penetration test against an organization's network. As part of the attack, the analyst launches a fake access point matching the SSID of the organization's guest access network. When a user connects to the fake access point, the analyst allows the traffic to flow through the access point to the legitimate site while the data traversing the network is logged for latest analysis and exploitation. Which of the following attacks has the analyst successfully performed in this scenario?

A. Bluesnarfing
B. Session hijacking
C. MAC spoofing
D. VLAN hopping
E. Man-in-the-middle

Answer: E

NEW QUESTION 210
- (Exam Topic 1)
A technician is investigating a server performance issue. The technician has gathered the server utilization statistics. Which of the following should the technician use to determine which statistics are not in the normal range?

A. Baseline review
B. Vulnerability scan
C. System life-cycle report
D. Archiving logs

Answer: A

NEW QUESTION 213
- (Exam Topic 1)
A technician is replacing a switch at a branch office and discovers the existing backbone cable does not fit in the new switch. The fiber patch panel has circular connections. The new switch has a transceiver that accepts a smaller square adapter of two strands. Which of the following patch cables would the technician need to complete the installation?

A. LC to SC
B. SC to ST
C. LC to ST
D. ST to ST
E. SC to SC

Answer: C

NEW QUESTION 217
- (Exam Topic 1)

As part of a transition from a static to a dynamic routing protocol on an organization's internal network, the routing protocol must support IPv4 and VLSM. Based on those requirements, which of the following should the network administrator use? (Choose two.)

A. OSPF
B. IS-IS
C. RIPv1
D. BGP
E. VRRP

Answer: AB

NEW QUESTION 222
- (Exam Topic 1)
Which of the following are DNS record type? (Select THREE).

A. CNAME
B. NTP
C. PTR
D. LDAP
E. DHCP
F. TTL
G. SRV
H. SSH

Answer: ACG

NEW QUESTION 224
- (Exam Topic 1)
Which of the following VPN protocols establishes a secure session that can be initiated using a browser?

A. IPSec
B. SSL VPN
C. PTP
D. PPTP

Answer: B

NEW QUESTION 228
- (Exam Topic 1)
Users are reporting issues with slow connection speeds and a loss of connectivity on the newly installed wireless network. The issues are intermittent but seem to occur most often around midday. Which of the following is the MOST likely cause?

A. There is interference from small appliances
B. The signal coverage area is too small
C. Not enough DHCP addresses have been allotted
D. The DNS cache on the users' computers has become corrupt

Answer: C

NEW QUESTION 233
- (Exam Topic 1)
While working on a Linux-based OS, a technician experiences an issue accessing servers and some sites by name. Which of the following command-line tools should the technician use to assist in troubleshooting?

A. dig
B. iptables
C. ifconfig
D. traceroute

Answer: A

NEW QUESTION 235
- (Exam Topic 1)
A network administrator is assigned to run and connect a Cat 6e Ethernet cable between two nodes in a datacenter. Which of the following connector types should the network administrator use to terminate this cable?

A. DB-9
B. RS-232
C. DB-25
D. RJ-45

Answer: D

NEW QUESTION 239
- (Exam Topic 1)
A telecommunications provider has just deployed a new OC-12 circuit at a customer site. While the circuit showed no errors from the provider end to the customer's demarcation point, a network administrator is trying to determine the cause of dropped packets and errors on the circuit. Which of the following should

the network administrator do to rule out any problems at Layer 1? (Choose two.)

A. Use a loopback at the demark and router, and check for a link light
B. Use an OTDR to validate the cable integrity
C. Use a pinout tester to validate the cable integrity
D. Use a multimeter to validate the cable integrity
E. Check for any devices that may be causing EMI on the cable
F. Clean the cables to be sure they are free of dust and debris

Answer: AB

NEW QUESTION 240
- (Exam Topic 1)
A technician is setting up a branch office on a point-to-point connection. Which of the following IP network blocks is the MOST efficient use of IP address space for the router connections between the two sites?

A. /24
B. /25
C. /30
D. /32

Answer: C

NEW QUESTION 245
- (Exam Topic 1)
A building is equipped with light sensors that turn off the fluorescent lights when natural light is above a certain brightness. Users report experiencing network connection issues only during certain hours. The west side of the building experiences connectivity issues in the morning hours and the east side near the end of the day. At night the connectivity issues affect the entire building. Which of the following could be the cause of the connectivity issues?

A. Light sensors are interfering with the network
B. EMI from the lights is interfering with the network cables
C. Network wiring is run perpendicular to electrical conduit
D. Temperature changes are causing attenuation in copper cabling

Answer: C

NEW QUESTION 247
- (Exam Topic 1)
A network administrator needs to transmit traffic to geographically diverse sites to improve performance. Which of the following devices would BEST direct traffic to the remote sites?

A. Hub
B. Bridge
C. Switch
D. Router

Answer: D

NEW QUESTION 251
- (Exam Topic 1)
Which of the following DNS record types allows IPv6 records to be resolved to DNS names?

A. PTR
B. A
C. AAAA
D. SRV

Answer: C

NEW QUESTION 255
- (Exam Topic 1)
Multiple users are reporting that they are unable to access the network. The ENTIRE network is shown in the diagram. PCs are not statically assigned IP addresses. The following devices will display settings.
• WorkstationA
• WorkstationB
• WofkstationC
• WorkstationD
• WokstationE
• WorkstalionF
• WorkstalionG
• Laptop1
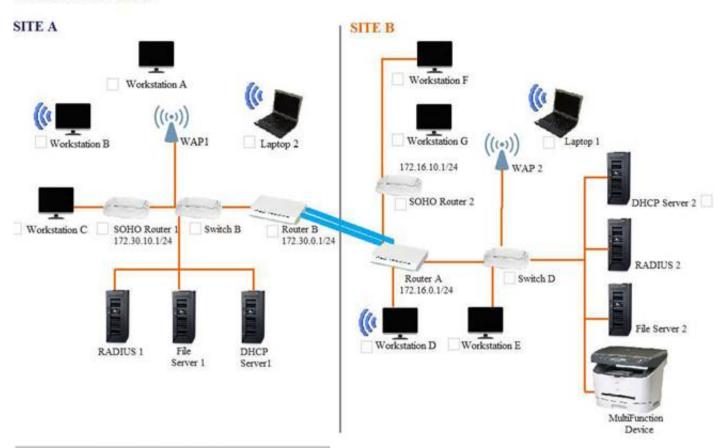• Laptop2
• DHCP server1
• DHCP serverr2
Review the settings and select the box in the diagram that identifies the device causing the issue. Only one device can be selected at a time.
After checking the device that is causing the issue, select the second tab in the lower left hand corner. Identify the reason as to why some users are unable to access the network.

Site A and B Network Diagram

Instructions: Only one device can be selected at a time. Please ensure you complete Part 1 and Part 2 of the simulation.

SITE A

- Workstation A
- Workstation B
- WAP1
- Laptop 2
- Workstation C
- SOHO Router 1 — 172.30.10.1/24
- Switch B
- Router B — 172.30.0.1/24
- RADIUS 1
- File Server 1
- DHCP Server1

SITE B

- Workstation F
- Workstation G — 172.16.10.1/24
- WAP 2
- Laptop 1
- SOHO Router 2
- Router A — 172.16.0.1/24
- Switch D
- Workstation D
- Workstation E
- DHCP Server 2
- RADIUS 2
- File Server 2
- MultiFunction Device

WORKSTATION A

IP Address	172.30.0.10
Netmask	255.255.255.0
Gateway	172.30.0.1

OK

WORKSTATION B

IP Address	172.30.0.14
Netmask	255.255.255.0
Gateway	172.30.0.1

OK

WORKSTATION C

IP Address	169.254.200.67
Netmask	255.255.255.0
Gateway	

OK

WORKSTATION D

IP Address	172.16.0.221
Netmask	255.255.255.0
Gateway	172.16.0.1

OK

WORKSTATION E

IP Address	172.16.0.21
Netmask	255.255.255.0
Gateway	172.16.0.1

OK

WORKSTATION F

IP Address	172.16.10.43
Netmask	255.255.255.0
Gateway	172.16.10.1

OK

WORKSTATION G

IP Address	172.16.10.120
Netmask	255.255.255.0
Gateway	172.16.10.1

OK

LAPTOP 1

IP Address	172.16.0.220
Netmask	255.255.255.0
Gateway	172.16.0.1

OK

LAPTOP 2

IP Address	172.30.0.12
Netmask	255.255.255.0
Gateway	172.30.0.1

OK

DHCP SERVER 1

IP Address	172.30.0.5
Netmask	255.255.255.0
Gateway	172.30.0.1

DHCP Scope	172.30.0.10-250
Gateway	172.30.0.1
DNS Servers	10.200.2.20, 10.200.3.20
DHCP Lease Time	8 days

OK

DHCP SERVER 2

IP Address	172.30.0.5
Netmask	255.255.255.0
Gateway	172.16.0.1

DHCP Scope	172.16.0.10-250
Gateway	172.16.0.1
DNS Servers	10.200.2.20, 10.200.3.20
DHCP Lease Time	8 days

OK

Part 2
Identify the reason as to why some users are unable to access the network.

A. Workstation(s) are plugged into switch ports configured with half duplex.
B. The site-to-site router was configured with the incorrect ACL.
C. DHCP server scope is full and is not providing IP addresses.
D. WAN and LAN ports are reversed on the router.
E. STP had disabled some of the ports on the switch.
F. The NIC driver is not installed.
G. A wireless client is unable to associate to the AP.

Answer: G

NEW QUESTION 258
- (Exam Topic 1)
Which of the following would be the MOST efficient subnet mask for a point-to-point link?

A. /28
B. /29

C. /31
D. /32

Answer: C

NEW QUESTION 261
- (Exam Topic 1)
Which of the following is a system of notation that uses base 16 rather than base 10?

A. Hex
B. Octal
C. Binary
D. CIDR

Answer: A

NEW QUESTION 262
- (Exam Topic 1)
AChief Information Officer (CIO) wants to move some IT services to a cloud service offering. However, the network administrator still wants to be able to control some parts of the cloud service's networking components. Which of the following should be leveraged to complete this task?

A. IaaS
B. PaaS
C. SaaS
D. DaaS

Answer: B

NEW QUESTION 264
- (Exam Topic 1)
A user reports difficulties connecting a PC to a wired network. The PC connects to an IP phone, which is working correctly. A network technician can verify that other devices successfully connect to the phone. At which of the following layers of the OSI model is the problem MOST likely located?

A. Network
B. Physical
C. Transport
D. Application

Answer: A

NEW QUESTION 266
- (Exam Topic 1)
Which of the following WAN technologies provides a guaranteed throughput rate?

A. DSL
B. T-1
C. Cable broadband
D. Dial-up

Answer: B

NEW QUESTION 269
- (Exam Topic 1)
Which of the following protocols can be both connection-oriented and connectionless?

A. 20 FTP
B. 53 DNS
C. 67 DHCP
D. 80 HTTP

Answer: B

NEW QUESTION 274
- (Exam Topic 1)
A chief information Officer (CIO) tasks the network engineer with protecting the network from outside attacks. Placing which of the following devices on the network perimeter would provide the MOST security for the system?

A. Firewall
B. NGFW
C. Content filter
D. IDS/PS

Answer: B

NEW QUESTION 279

- (Exam Topic 1)
An end-user device requires a specific IP address every time it connects to the corporate network; however, corporate policy does not allow the use of static IP addresses. Which of the following will allow the request to be fulfilled without breaking the corporate policy?

A. DHCP relay
B. DHCP exclusion
C. DHCP option
D. DHCP reservation

Answer: D

NEW QUESTION 281
- (Exam Topic 1)
A technician replaces a failed router with a spare that has been in inventory for some time. After attempting to enable HTTPS on the spare router, the technician discovers the feature is unavailable. The support office was able to connect to the previous router. Which of the following actions should the technician perform to enable HTTPS access for the support team?

A. Reboot the router
B. Enable HTTP on the router
C. Update the firmware of the spare router
D. Perform a factory reset on the router

Answer: C

NEW QUESTION 284
- (Exam Topic 1)
Client PCs are unable to receive addressing information from a newly configured interface on a router. Which of the following should be added to allow the clients to connect?

A. DHCP lease me
B. IP helper
C. TTL
D. DNS record type

Answer: B

NEW QUESTION 286
- (Exam Topic 1)
A network technician has created a network that consists of a router, a firewall, a switch, and several PCs. Which of the following physical network topologies was created?

A. Star
B. Mesh
C. Ring
D. Bus

Answer: D

NEW QUESTION 288
- (Exam Topic 1)
A network administrator is performing a major to the upgrade to the network. Which of the following should the administrator use in a case of a failure?

A. Baseline report
B. Vulnerability report
C. Rollback plan
D. Business continuity plan

Answer: A

NEW QUESTION 290
- (Exam Topic 1)
The backups server connects to a NAS device using block-level storage over Ethernet. The performance is very slow, however, and the network technician suspects the performance issues are network related. Which of the following should the technician do to improve performance?

A. Utilize UDP to eliminate packet overhead
B. Turn off MDIX settings on the NAS and server switchports
C. Enable jumbo frames on the NAS and server
D. Encapsulate the storage traffic in a GRE tunnel

Answer: C

NEW QUESTION 292
- (Exam Topic 1)
An engineer is reviewing the implementation requirements for an upcoming project. The basic requirements identified by the customer include the following:
- WLAN architecture supporting speeds in excess of 150 Mbps
- Clientless remote network access

Port-based network access control
Which of the following solution sets properly addresses all of the identified requirements?

A. 802.11a, IPSec VPN, 802.1x
B. 802.11ac, MPLS, 802.3
C. 802.11b, PPTP, 802.1x
D. 802.11g, MS-CHAP, 802.16
E. 802.11n, SSL-VPN, 802.1x

Answer: E

NEW QUESTION 294
- (Exam Topic 1)
Which of the following BEST describes an exploit?

A. A router with default credentials
B. An open mail relay server
C. A SNMPv1 private community
D. A privilege escalation script

Answer: D

NEW QUESTION 296
- (Exam Topic 1)
Which of the following devices, if implemented, would result in decreased administration time of an 802.11 network running centralized authentication services? (Choose two.)

A. VPN concentrator
B. Proxy server
C. Wireless controller
D. RADIUS server
E. Multilayer switch

Answer: CD

NEW QUESTION 297
- (Exam Topic 1)
A network technician needs to connect to a remote router to modify the configuration, Which of the following method should the technician use to connected to the device security? (Select TWO)

A. Telnet
B. VNC
C. SSH
D. RDP
E. HTTPS
F. TFTP

Answer: BC

NEW QUESTION 302
- (Exam Topic 1)
A customer cannot access a company's secure website. The company's network security is reviewing the firewall for the server and finds the following output:

```
Time   Action   Src IP        Src Port   Dst IP      Dst Port
0902   Allow    12.73.15.5    31865      10.5.0.10   80
1005   Deny     12.73.15.5    31866      10.5.0.10   443
1006   Deny     12.73.15.5    31890      10.5.0.10   443
```

Which of the following changes should be made to allow all customers to access the company's secure website?

A. Allow any any 10.5.0.10 443
B. Allow any any 12.73.15.5 443
C. Allow 10.5.0.10 443 any any
D. Allow 10.5.0.10 any 10.5.0.10 80

Answer: C

NEW QUESTION 307
- (Exam Topic 1)
A user reports that a laptop cannot connect to the Internet despite the fact the wireless Internet was functioning on it yesterday. The user did not modify the laptop in any way, and the wireless Internet is functional on other users' laptops. Which of the following issues should be reviewed to help the user to connect to the wireless network?

A. Wireless switch toggled off
B. WAP settings
C. WLAN IP address out of scope
D. Wireless controller misconfiguration

Answer: A

NEW QUESTION 311
- (Exam Topic 1)
Which of the following WAN technologies is MOST preferred when developing a VoIP system with 23 concurrent channels?

A. DSL
B. POTS
C. T1
D. DOCSIS

Answer: C

NEW QUESTION 316
- (Exam Topic 1)
The Chief Executive Officer's (CEO's) tablet cannot connect to the wireless network from the corner office. A network technician verified the tablet can connect to the wireless network in other areas of the building. The distance between the office and the 802.11ac WAP is 150ft (46m), and there are a few cubicles in between. Which of the following is the MOST likely cause of the tablet not connecting?

A. Absorption
B. Reflection
C. Distance
D. Refraction
E. Attenuation

Answer: C

NEW QUESTION 320
- (Exam Topic 1)
A network engineer wants to a segment the network into multiple broadcast domains. Which of the following devices would allow for communication between the segments?

A. Layer 2 switch
B. Layer 3 switch
C. Bridge
D. Load balancer

Answer: B

NEW QUESTION 322
- (Exam Topic 1)
Which of the following would allow a network technician to access files on a remote system? (Select TWO).

A. FTP
B. TFTP
C. VLSM
D. SIP
E. SMTP
F. IMAP

Answer: AB

NEW QUESTION 324
- (Exam Topic 1)
An administrator is moving to a new office. There will be several network runs through the ceiling area of the office. Which of the following is the BEST to utilize in these areas?

A. Single-mode fiber-optic cabling
B. Cat 5e-rated cabling
C. Cat 6-rated cabling
D. Plenum-rated cabling

Answer: D

NEW QUESTION 325
- (Exam Topic 1)
According to the OSI model, at which of the following layers is data encapsulated into a packet?

A. Layer 2
B. Layer 3
C. Layer 4
D. Layer 5
E. Layer 6

Answer: B

NEW QUESTION 326
- (Exam Topic 1)

Which of the following physical security controls is MOST likely to be susceptible to a false positive?

A. Identification card
B. Biometric device
C. Proximity reader
D. Video camera

Answer: C

NEW QUESTION 329
- (Exam Topic 1)
A second router was installed on a network to be used as a backup for the primary router that works as a gateway. The infrastructure team does not want to change the IP address of the gateway on the devices. Which of the following network components should be used in this scenario?

A. Loopback IP
B. Virtual IP
C. Reserved IP
D. Public

Answer: B

NEW QUESTION 330
- (Exam Topic 1)
A single PRI can deliver multiple voice calls simultaneously using which of the following Layer 1 technologies?

A. Time division multiplexing
B. Analog circuit switching
C. CSMA/CD
D. Time division spread spectrum

Answer: A

NEW QUESTION 335
- (Exam Topic 1)
A network technician receives a spool of Cat 6a cable and is asked to build several cables for a new set of Ethernet runs between devices. Which of the following tools are MOST likely needed to complete the task? (Choose three.)

A. Wire stripper
B. Cable crimper
C. RJ-11 connectors
D. RJ-45 connectors
E. Multimeter
F. Punchdown tool
G. Tone generator

Answer: ABD

NEW QUESTION 336
- (Exam Topic 2)
Tenants access multiple wireless networks in a building. Users report intermittent connectivity. Which of the following is the MOST likely cause of the problem?

A. The channels are overlapping with other wireless networks and should be changed.
B. The SSIDs are incompatible and should be renamed.
C. The users have incompatible wireless network cards and should upgrade.
D. The default idle period for logoff is too short and should be changed to a longer limit.

Answer: A

NEW QUESTION 339
- (Exam Topic 2)
Which of the following uses port 53 by default?

A. RDP
B. QoS
C. DHCP
D. DNS

Answer: D

NEW QUESTION 340
- (Exam Topic 2)
Which of the following ports is the default telnet port?

A. 20
B. 21
C. 22
D. 23

Answer: D

NEW QUESTION 344
- (Exam Topic 2)
Which of the following uses types and codes rather than ports?

A. EIGRP
B. ICMP
C. UDP
D. IPv6

Answer: B

NEW QUESTION 349
- (Exam Topic 2)
Which of the following mediums is circuit switched?

A. PSTN
B. ATM
C. Frame relay
D. MPLS

Answer: A

NEW QUESTION 353
- (Exam Topic 2)
A network technician is configuring a wireless network. To avoid interference from other wireless networks in the area, the technician should change which setting?

A. Channel
B. SSID
C. Firewall rule
D. Encryption

Answer: A

NEW QUESTION 357
- (Exam Topic 2)
Which of the following has a maximum transfer rate of 54Mbps and operates at the 5GHz frequency?

A. 802.11a
B. 802.11b
C. 802.11g
D. 802.11n

Answer: A

NEW QUESTION 359
- (Exam Topic 2)
Which of the following is a secure way to connect to a device?

A. RSH
B. TFTP
C. SNMPv2
D. SFTP

Answer: D

NEW QUESTION 360
- (Exam Topic 2)
A company has just installed wireless in their office. In one corner of the office building users are not able to establish a connection. Which of the following can be changed on the AP to help resolve this issue?

A. SSID
B. Channels
C. Signal strength
D. Encryption

Answer: C

NEW QUESTION 365
- (Exam Topic 2)
A company has installed an access point and configured it to broadcast at 802.11n only. Some users are stating that they cannot connect to this access point. Which of the following is the MOST likely reason some users cannot connect?

A. Incorrect channel

B. Weak encryption
C. Incompatible NICs
D. Incorrect SSID

Answer: C

NEW QUESTION 366
- (Exam Topic 2)
Which of the following are network topologies? (Select TWO).

A. Ethernet
B. Duplex
C. Star
D. Circular
E. Bus

Answer: CE

NEW QUESTION 370
- (Exam Topic 2)
Which of the following provides the MOST protection against zero day attacks via email attachments?

A. Anti-spam
B. Anti-virus
C. Host-based firewalls
D. Patch management

Answer: A

NEW QUESTION 372
- (Exam Topic 2)
Jeff, a network engineer, is troubleshooting an issue where clients are not receiving IP addresses from a new, properly configured DHCP server on another subnet. Statically addressed clients can get onto the same network with no issues. Which of the following is causing the issue?

A. Incorrect VLAN tagging
B. Missing helper addresses
C. Wrong default gateway
D. Improper routing protocols

Answer: B

NEW QUESTION 375
- (Exam Topic 2)
Which of the following cables has the MOST twists per inch?

A. CAT3
B. CAT5
C. CAY5e
D. CAT6

Answer: D

NEW QUESTION 377
- (Exam Topic 2)
Lisa, a network administrator, needs to allow all websites to be accessible by the sales team for business purposes. Which of the following ports need to be enabled on the firewall? (Select TWO).

A. 23
B. 25
C. 53
D. 80
E. 443

Answer: DE

NEW QUESTION 382
- (Exam Topic 2)
Kurt, a network technician, has configured a new firewall on the network. Users are reporting errors when attempting to access several websites. Kurt attempts to access several popular websites with no errors, however, he does receive an error when attempting to access a bank website. Which of the following rules would BEST allow access to the bank website?

A. Allow UDP port 53
B. Allow TCP port 80
C. Allow UDP port 340
D. Allow TCP port 443

Answer: D

NEW QUESTION 383
- (Exam Topic 2)
Which of the following is a proprietary routing protocol?

A. RIP
B. EIGRP
C. OSPF
D. BGP

Answer: B

NEW QUESTION 388
- (Exam Topic 2)
Which of the following operates at OSI layer 2 to forward traffic based on the MAC address?

A. Switch
B. Proxy Server
C. Router
D. VPN Concetnrator

Answer: A

NEW QUESTION 389
- (Exam Topic 2)
Which of the following protocols would Kurt, a technician, use to synchronize local date and time of a client workstation to that of a server?

A. RTP
B. NTP
C. TFTP
D. ARP

Answer: B

NEW QUESTION 391
- (Exam Topic 2)
Which of the following will allow multiple frequencies to be combined?

A. WiMAX
B. MPLS
C. MIMO
D. Channel bonding

Answer: D

NEW QUESTION 392
- (Exam Topic 2)
Which of the following defines when Pete, an attacker, attempts to monitor wireless traffic in order to perform malicious activities?

A. XSS
B. SQL injection
C. Directory traversal
D. Packet sniffing

Answer: D

NEW QUESTION 395
- (Exam Topic 2)
Which of the following routing protocols relies on hop count as its ONLY metric?

A. BGP
B. EIGRP
C. OSPF
D. RIP

Answer: D

NEW QUESTION 396
- (Exam Topic 2)
Jeff, a technician, has been asked to add a subnet to the company's LAN. Which of the following interfaces on the router will be modified?

A. FastEthernet 0/0
B. AUX 0
C. Console 0
D. Serial 0/0/0

Answer:

A

NEW QUESTION 400
- (Exam Topic 2)
Which of the following wireless standards is capable of ONLY operating on 5.8GHz?

A. 802.11a
B. 802.11b
C. 802.11g
D. 802.11n

Answer: A

NEW QUESTION 404
- (Exam Topic 2)
Which of the following is the network topology in which computers connect in a closed circle?

A. Bus
B. Mesh
C. Ring
D. Star

Answer: C

NEW QUESTION 406
- (Exam Topic 2)
Kim, a network technician, is installing an 802.11n network. Which of the following should Kim enable to ensure that the network only allows 802.11n clients?

A. Name the SSID on the 802.11n network only
B. Limit the DHCP address pool
C. Disable 802.11b and 802.11g
D. Only use WPA encryption

Answer: C

NEW QUESTION 409
- (Exam Topic 2)
After plugging a cable into a computer, a user reports there is no network access. Which of the following tools would the technician MOST likely check to verify that the cable was crimped correctly?

A. Punch down tool
B. Cable certifier
C. Loopback plug
D. Toner probe

Answer: B

NEW QUESTION 410
- (Exam Topic 2)
Which of the following cables is MOST likely to be terminated into a patch panel?

A. Serial
B. RG-6
C. RG-59
D. CAT6

Answer: D

NEW QUESTION 411
- (Exam Topic 2)
An organization has installed a new firewall. Users need to have access to remote websites and must be able to use SSH to retrieve files from remote locations.
Which of the following actions should be taken on the new firewall? (Select TWO).

A. Allow UDP port 21 outbound
B. Allow UDP port 22 outbound
C. Allow UDP port 80 outbound
D. Allow TCP port 21 outbound
E. Allow TCP port 22 outbound
F. Allow TCP port 80 outbound

Answer: EF

NEW QUESTION 412
- (Exam Topic 2)
Which of the following functions would be used to securely monitor and actively manage external connections?

A. VPN concentrator
B. HIDS
C. Load balancer
D. Packet shaper

Answer: A

NEW QUESTION 416
- (Exam Topic 2)
An administrator is receiving reports from an executive that the executive's wireless access point loses the signal frequently, even though the WAP is on the executive's desk. The office contains four other 802.11n access points. Which of the following would MOST likely correct interference problems in the executive's office?

A. Turn off SSID broadcasting for the executive's access point
B. Replace the 802.11n access point in the office with an 802.11a access point.
C. Change the channel on the access point to channel 11.
D. Turn off as many lights in the executive's office as possible to reduce interference.

Answer: C

NEW QUESTION 420
- (Exam Topic 2)
A pest control contractor attempts to gain access to the datacenter; however, the manager on duty notes that a pest control inspection was not on the schedule. Which of the following attacks is in progress?

A. Phishing
B. Social engineering
C. Man-in-the-middle
D. Smurfing

Answer: B

NEW QUESTION 423
- (Exam Topic 2)
Which of the following is an invalid MAC address?

A. AA:CE:58:FD:90:08
B. 44:98:3E:F8:33:23
C. 56:AD:BX:89:55:54
D. 94:9E:FE:EE:8C:DF

Answer: C

NEW QUESTION 428
- (Exam Topic 2)
Which of the following MUST be kept synchronized in order for Kerberos to work?

A. Certificate
B. Ticket
C. Time
D. Token

Answer: C

NEW QUESTION 433
- (Exam Topic 2)
Which of the following allows a technician to gather information about the operating system?

A. Domain services
B. Fingerprinting
C. Countermeasures
D. Reconnaissance

Answer: B

NEW QUESTION 438
- (Exam Topic 2)
A user is unable to print to a network printer. Which of following is the FIRST step that a technician should take to troubleshoot the issue?

A. Identify the problem.
B. Establish a plan of action to resolve the problem.
C. Establish a theory of probable cause.
D. Implement preventative measures.

Answer: A

NEW QUESTION 442
- (Exam Topic 2)
Which of the following protocols would be used to send email to an email server?

A. NTP
B. FTP
C. SNMP
D. SMTP

Answer: D

NEW QUESTION 443
- (Exam Topic 2)
Which of the following is based ENTIRELY on using ICMP packets?

A. Social engineering
B. NMAP
C. Buffer overflow attack
D. Smurf attack

Answer: D

NEW QUESTION 448
- (Exam Topic 2)
A username provides which of the following?

A. Biometrics
B. Identification
C. Authorization
D. Authentication

Answer: B

NEW QUESTION 450
- (Exam Topic 2)
A technician recently fixed a computer with several viruses and spyware programs on it and notices the Internet settings were set to redirect all traffic through an unknown proxy. This type of attack is known as which of the following?

A. Phishing
B. Social engineering
C. Man-in-the-middle
D. Shoulder surfing

Answer: C

NEW QUESTION 452
- (Exam Topic 2)
A technician, Joe, visits a site that has reported a network down emergency. He immediately reboots the switches and the router since the network is down. Which of the following network troubleshooting methodology steps should Joe have performed FIRST?

A. Determine if anything has changed
B. Once a theory is confirmed determine the next step is to resolve the problem
C. Implement the solution or escalate as necessary
D. Question the obvious

Answer: A

NEW QUESTION 454
- (Exam Topic 2)
An administrator is replacing an existing WAP because the customer is reporting that the connection speeds are too slow. Which of the following should be installed?

A. 802.11a
B. 802.11b
C. 802.11g
D. 802.11n

Answer: D

NEW QUESTION 458
- (Exam Topic 2)
Which of the following is true about an IP address if the first bit is a one and the second bit is a zero?

A. The address is a Class A address.
B. The address is a Class B address.
C. The address is a Class C address.
D. The address is a Class D address.

Answer: B

NEW QUESTION 462
- (Exam Topic 2)
Which of the following ports are MOST commonly used to interactively configure a networking device? (Select TWO).

A. 21
B. 22
C. 23
D. 53
E. 67

Answer: BC

NEW QUESTION 463
- (Exam Topic 2)
A technician has replaced the Internet gateway router, and now no users can reach the Internet. The technician can ping the router Ethernet port but not the ISP's router IP address. Which of the following is the MOST likely problem?

A. Faulty crossover cable
B. DNS server is down
C. Switching loop
D. Outside interface shutdown

Answer: D

NEW QUESTION 464
- (Exam Topic 2)
Which of the following could be used to stop unknown threats?

A. DMZ
B. Signature based IPS
C. Behavior based IPS
D. Honeypots

Answer: C

NEW QUESTION 465
- (Exam Topic 2)
Which of the following DNS records would allow for a website to have more than one FQDN?

A. TXT
B. PTR
C. MX
D. CNAME

Answer: D

NEW QUESTION 470
- (Exam Topic 2)
Which of the following describes a DNS server?

A. Translates an IP address to a name
B. Caches commonly viewed web pages
C. Assigns IP addresses to network devices
D. Provides port security for a network

Answer: A

NEW QUESTION 471
- (Exam Topic 2)
Which of the following commands will display the associated IP address of a network adapter in Windows and Linux environments? (Select TWO).

A. dig
B. nslookup
C. nbstat
D. ifconfig
E. ipconfig

Answer: DE

NEW QUESTION 474
- (Exam Topic 3)
Which of the following would Kim, a technician, do to monitor remote traffic through an access point?

A. Enable an SNMP agent
B. Enable network mapping
C. Set monitoring SSID
D. Select WPA2

Answer: A

NEW QUESTION 478
- (Exam Topic 3)
Which of the following BEST describes the difference between layer 2 switching and layer 2 routing?

A. Switching moves packets between hosts on different subnets, and routing moves packets between hosts on the same subnet.
B. Routing moves packets between hosts on different subnets, and switching moves packets between hosts on the same subnet.
C. Both routing and switching move packets between hosts on the same subnet, but routing does so at a faster pace.
D. Both routing and switching move packets between hosts on different subnets, but switching does so at a faster pace.

Answer: B

NEW QUESTION 481
- (Exam Topic 3)
A user has no network connectivity. Jeff, the network technician, is unable to locate the CAT5e cable from the user at the IDF. Which of the following tools would be used to assist Jeff in locating the CAT5e cable?

A. Butt set
B. Punch down tool
C. Toner probe
D. Protocol analyzer

Answer: C

NEW QUESTION 484
- (Exam Topic 3)
A network administrator notices that all of the company switches are running at capacity on a given day, which is abnormal according to network baselines taken recently. Which tool would BEST allow the administrator to inspect what type of traffic is on the network?

A. Wire tap
B. Network sniffer
C. Load balancing appliance
D. NIPS

Answer: B

NEW QUESTION 487
- (Exam Topic 3)
Which of the following problems is MOST likely to arise when configuring an IPv6 over IPv4 tunnel?

A. Routing loop
B. MTU black hole
C. Framing errors
D. SYN flood

Answer: B

NEW QUESTION 490
- (Exam Topic 3)
Zach, a technician, discovers a switch is not communicating with the other switches in a stack. Which of the following is the MOST likely cause?

A. Both T568A and T568B standards are being used.
B. STP is disabled.
C. The cable is not a crossover.
D. The port is not trunked.

Answer: C

NEW QUESTION 493
- (Exam Topic 3)
Which of the following methods for network performance optimization is used to distribute traffic among similar devices?

A. Fault tolerance
B. QoS
C. Proxy server
D. Load balancing

Answer: D

NEW QUESTION 497

- (Exam Topic 3)
An administrator hosts all of the company's virtual servers internally. In the event of total server failure, the server images can be restored on a cloud provider and accessed through the VPN.
Which of the following cloud services is the administrator using?

A. Community PaaS
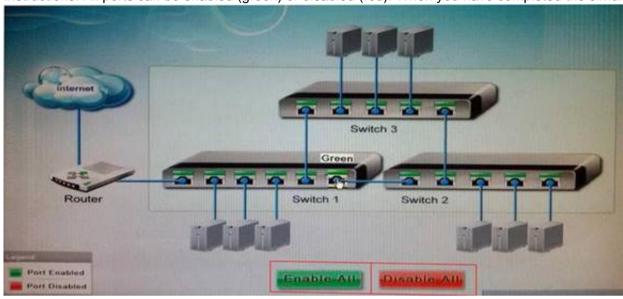B. Public Iaas
C. Hybrid Saas
D. Private Iaas

Answer: B

NEW QUESTION 502
- (Exam Topic 3)
Workstations are unable to access the Internet after a recent power outage. Configure the appropriate devices to ensure ALL workstations have Internet connectivity.
Instructions: All ports can be enabled (green) or disabled (red). When you have completed the simulation please select the Done button.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
All ports should be enabled.

NEW QUESTION 503
- (Exam Topic 3)
Jeff, a network technician, is installing a wireless router. Which of the following should Jeff consider to get the BEST signal strength?

A. WAP placement
B. PoE devices
C. MAC filtering
D. Encryption type

Answer: A

NEW QUESTION 506
- (Exam Topic 3)
Which of the following is an example of two factor authentication?

A. Password, device certificate and PIN
B. SSL web server certificate and password
C. User password and administrator password
D. Password and hardware token OTP

Answer: D

NEW QUESTION 508
- (Exam Topic 3)
Which of the following layers of the OSI model is between the Data Link and Transport layers?

A. Application
B. Session
C. Network
D. Physical

Answer: C

NEW QUESTION 509

- (Exam Topic 3)
An organization wants to perform maintenance on any of its web servers without affecting the service availability during a scheduled change window. Which of the following network devices would be required to provide this functionality?

A. Router
B. Forward proxy
C. Load balancer
D. Firewall

Answer: C

NEW QUESTION 512
- (Exam Topic 3)
Lisa, a network technician, needs to introduce a few more cables to the existing patch panel. Which of the following tools would she use?

A. OTDR
B. Multimeter
C. Punch down tool
D. Temperature monitor

Answer: C

NEW QUESTION 514
- (Exam Topic 3)
A technician needs to verify an Ethernet run is functioning properly. Which of the following tools should be used?

A. Protocol analyzer
B. Crimper
C. Cable tester
D. Punch down tool

Answer: C

NEW QUESTION 515
- (Exam Topic 3)
Which of the following solutions will detect and disable a rogue access point?

A. Port scan
B. Packet sniffer
C. IPS
D. IDS

Answer: C

NEW QUESTION 518
- (Exam Topic 3)
A user is unable to connect to a server in another building. A technician is troubleshooting the issue and determines the following:
1) Client PC 1 has an IP address if 192.168.10.25/25
2) PC 1 can successfully ping its gateway of 192.168.10.1/25 which is an interface of router A
3) Server A is named 'BLDGBFILESRVR01' and has an IP address of 192.168.10.145/25
4) PC 2 with an IP address of 192.168.10.200/25 can successfully ping server A
However, when PC 1 pings server A, it receives a destination host unreachable responds. Which of the following is the MOST likely cause?

A. Link from touter A to PC 1 are on different subnets
B. Link from router A to server A is down
C. Link from PC 1 to router A has duplex issues
D. Link from server A top PC 2 is down

Answer: A

NEW QUESTION 520
- (Exam Topic 3)
An administrator has received a recommendation against deploying WEP as a wireless encryption protection scheme. Which of the following is MOST likely the reason?

A. WEP's IV is too small.
B. WEP uses RC4 which is easily accessible and not secure.
C. WEP uses plain text.
D. WEP is not well supported.

Answer: A

NEW QUESTION 522
- (Exam Topic 3)
An administrator is setting up a secure wireless network. The administrator decides to support 802.11n and 802.11g with a WPA2 pre-shared key. Users are given the SSID with the pre-shared key, but the administrator has disabled the SSID broadcast and MAC filtering. Some users have reported connection issues. Which of the following would MOST likely resolve the users' connection issues?

A. Limit the devices to 802.11n only.
B. Enable the SSID broadcast.
C. Enable MAC filtering.
D. Use a WEP 128-bit key.

Answer: B

NEW QUESTION 525
- (Exam Topic 3)
Which of the following IP addresses would be classified as private?

A. 10.100.200.0
B. 169.253.10.20
C. 172.168.5.0
D. 200.100.25.0

Answer: A

NEW QUESTION 530
- (Exam Topic 3)
Which of the following security threats relies primarily on user deception and misinformation?

A. Rogue access points
B. DoS attacks
C. Man-in-the-middle attacks
D. Phishing

Answer: D

NEW QUESTION 531
- (Exam Topic 3)
A Windows server has a problem after booting up. Kim, a technician, should immediately check the:

A. history logs.
B. cron logs.
C. application logs.
D. system logs.

Answer: D

NEW QUESTION 535
- (Exam Topic 3)
A technician notices that network access is becoming increasingly slow. All of the activity lights, on the only network layer 2 switch, are blinking at steadily increasing rates. Which of the following is the MOST likely cause of the increased traffic?

A. STP blocking
B. IP addresses
C. MTU mismatch
D. Switching loop

Answer: D

NEW QUESTION 537
- (Exam Topic 3)
169.254.1.100 is an IP address which would MOST likely come from which of the following?

A. CIDR
B. DHCP
C. APIPA
D. DNS

Answer: C

NEW QUESTION 540
- (Exam Topic 3)
A SOHO with ten Wi-Fi equipped laptops needs a new network installed. Which of the following items would be used to setup the office using a new DSL line? (Select TWO).

A. Router
B. Wi-Fi Access point
C. Cable modem
D. Ten WiMAX adapters
E. Ten CAT6 patch cables

Answer: AB

NEW QUESTION 545
- (Exam Topic 3)
Zach, a network technician, is configuring several switches to be managed remotely. Which of the following must be configured to connect via SSH to each of those devices, as well as to retrieve various parameters?

A. PoE settings and VTP configuration
B. SNMP configuration only
C. IP address and SNMP configuration
D. QoS and PoE settings

Answer: C

NEW QUESTION 549
- (Exam Topic 3)
An analog POTS voice line is no longer working and Kim, the technician, is tasked to verify if a dial tone is present at the IDF. Which of the following tools would be used?

A. Protocol analyzer
B. Butt set
C. OTDR
D. Toner probe

Answer: B

NEW QUESTION 554
- (Exam Topic 3)
Zach, a technician, wants to test a laptop's NIC for functionality but has no other networking equipment to attach it to.
Which of the following would allow him to test basic functionality of the NIC?

A. Loopback plug
B. Protocol analyzer
C. Smart jack
D. Coupler

Answer: A

NEW QUESTION 559
- (Exam Topic 3)
A network technician is troubleshooting intermittent issues with VoIP call quality. A throughput tester can help assess the functionality of which of the following?

A. LLDP
B. VLAN tagging
C. QoS
D. SIP trunking

Answer: C

NEW QUESTION 562
- (Exam Topic 3)
Kim, the client, has requested a cost-effective network solution to accommodate the ability to reconfigure the office space as needed. Which networking solution would provide the BEST solution?

A. Private IP Addressing
B. Wireless Access Points
C. Wide Area Networking
D. Virtual Local Area Networks

Answer: B

NEW QUESTION 567
- (Exam Topic 3)
A technician looks at an ARP table in an attempt to resolve a connectivity issue. After table of the switch is a cleared, a different MAC in the output, Which of the following does this indicate?

A. ARP flooding
B. VLAN mismatch
C. Duplicate IP address
D. Faulty NIC

Answer: A

NEW QUESTION 572
- (Exam Topic 3)
A network technician wants to baseline traffic flows on a specific network. Which of the following will provide the GREATEST level of detail?

A. Network flow information
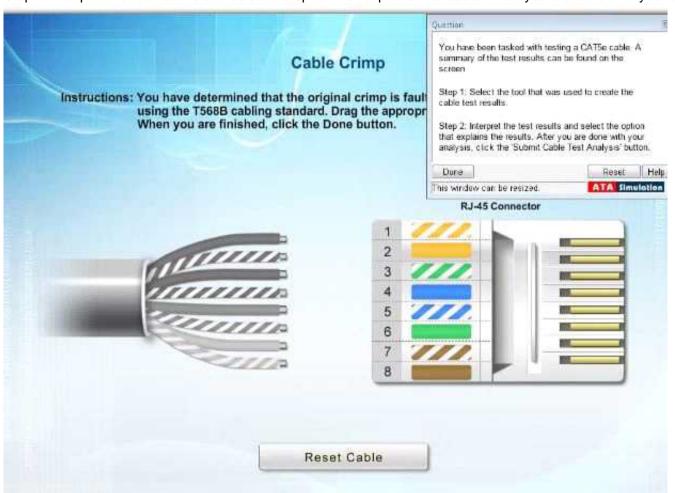B. SNMP traps

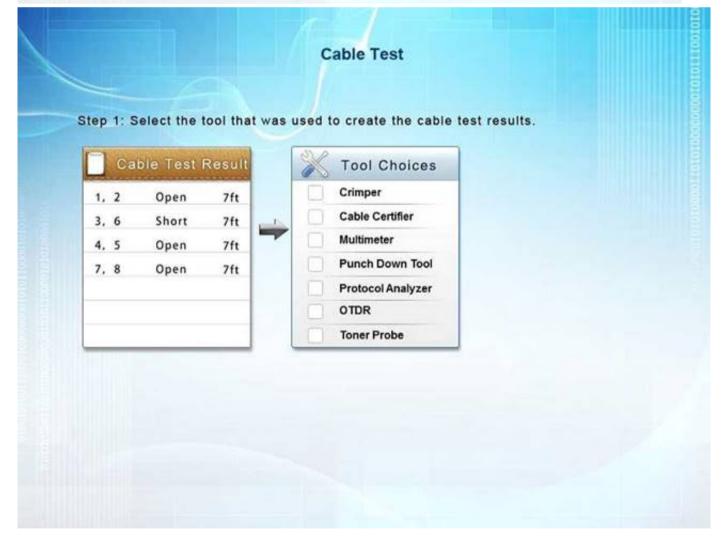C. Debug level syslog
D. Protocol analyzer

Answer: D

NEW QUESTION 574
- (Exam Topic 3)
You have been tasked with testing a CAT5e cable. A summary of the test results can be found on the screen. Step 1: Select the tool that was used to create the cable test results.
Step 2: Interpret the test results and select the option that explains the results. After you are done with your analysis, click the 'Submit Cable Test Analysis' button.

A. Mastered
B. Not Mastered

Answer: A

Explanation:
ACable Certifier provides "Pass" or "Fail" information in accordance with industry standards but can also show detailed information when a "Fail" occurs. This includes shorts, the wire pairs involved and the distance to the short. When a short is identified, at the full length of the cable it means the cable has not been crimped correctly.

NEW QUESTION 579
- (Exam Topic 3)
A network administrator wants to monitor traffic by deploying MIBs. Which of the follow network monitoring resources would be used?

A. SCTP
B. Packet sniffer
C. DCCP
D. SNMP

Answer: D

NEW QUESTION 581
- (Exam Topic 3)
Which of the follow creates a secure remote connection at the OSI network layer?

A. L2TP
B. SSL
C. DTLS
D. IPSec

Answer: D

NEW QUESTION 583
- (Exam Topic 3)
A network technician needs to install an additional access point to the company's wireless network. The network has two 802.11b access points. Which of the following channels should be used to allow the access point's coverage areas to overlap?

A. 1, 6, 11
B. 2, 5, 10
C. 3, 13, 23
D. 4, 8, 16

Answer: A

NEW QUESTION 588
- (Exam Topic 3)
Kim, a technician, is installing a switch that does not feature auto-negotiation. Which of the following characteristics would need to be manually configured? (Select TWO).

A. MAC addressing
B. IP addressing
C. Port speed
D. IPv6 addressing
E. Duplex

Answer: CE

NEW QUESTION 589
- (Exam Topic 3)
Kim, a technician, is configuring an 802.11n access point. Other WAPs on the network use 802.11b. Which of the following will Kim have to setup to make sure these WAPs will be able to communicate?

A. Enable mixed mode
B. Disable SSID
C. Disable encryption
D. Enable `n' only mode

Answer: A

NEW QUESTION 590
- (Exam Topic 3)
Which of the following could be used to estimate RTT across a router?

A. Dig
B. Traceroute
C. Arp
D. Uptime

Answer: B

NEW QUESTION 591
- (Exam Topic 3)
Kim, a network administrator, should consult which documentation sources FIRST to determine the cause of recent network issues?

A. Network map
B. Cable management
C. Change management

D. Asset management

Answer: C

NEW QUESTION 594
- (Exam Topic 3)
A supervisor requests that a technician downloads a MIB for a particular server. Which of the following protocols requires MIBs?

A. IPSec
B. SSL
C. ISAKMP
D. SNMP

Answer: D

NEW QUESTION 595
- (Exam Topic 3)
A customer wishes to network several computers throughout a large warehouse containing numerous metal shelves and concrete walls. The computers are at least 175 meters (574 feet) apart. Which of the following media types should be recommended for the customer using only a single switch?

A. Fiber optic
B. Wireless
C. CAT5e
D. CAT3

Answer: A

NEW QUESTION 597
- (Exam Topic 3)
A user reports a network failure on a computer. The technician determines that the computer and NIC are operating properly. Which of the following tools can the technician use to trace the network cabling back to the punch down block?

A. Protocol analyzer
B. Multimeter
C. Punch down tool
D. Toner probe

Answer: D

NEW QUESTION 599
- (Exam Topic 3)
Which of the following technologies could be implemented to improve call clarity when using VoIP technology?

A. Static IP addressing
B. Caching engines
C. QoS
D. Port forwarding

Answer: C

NEW QUESTION 601
- (Exam Topic 3)
Which of the following protocols is used for remote management of devices?

A. SNMP
B. TFTP
C. Syslog
D. SMTP

Answer: A

NEW QUESTION 605
- (Exam Topic 3)
Lisa, a technician, is tasked to monitor various analog POTS lines for voice activity. Which of the following hardware tools would be used?

A. Butt set
B. Toner probe
C. Wire mapper
D. Cable certifier

Answer: A

NEW QUESTION 606
- (Exam Topic 3)
A network administrator has created a virtual machine in the cloud. The technician would like to connect to the server remotely using RDP.

Which of the following default ports needs to be opened?

A. 445
B. 3389
C. 5004
D. 5060

Answer: B

NEW QUESTION 609
- (Exam Topic 3)
Which of the following protocols is used to allow multiple hosts to share a common IP address?

A. HTTPS
B. ARP
C. CARP
D. NAT

Answer: D

NEW QUESTION 610
- (Exam Topic 3)
Which of the following diagnostic commands relies on proper forwarding of ICMP ECHO packets?

A. ipconfig
B. ping
C. route
D. nbstat

Answer: B

NEW QUESTION 611
- (Exam Topic 3)
The software in a virtualized environment that controls resource allocation and allows multiple operating system guests to run on the same physical platform is known as the:

A. hypervisor.
B. LPAR.
C. broker.
D. VDI.

Answer: A

NEW QUESTION 616
- (Exam Topic 3)
No link lights on a switch's SFP are functioning, so the network technician re-terminates the end. After testing the cable, the tester is showing a db loss of-9. Which of the following types of cable is MOST likely being tested?

A. Fiber
B. CAT3
C. CAT5e
D. CAT6a

Answer: A

NEW QUESTION 618
- (Exam Topic 3)
Kim, a network administrator, is seeing workstations in building C authenticate to the building A wireless access point. Which of the following would resolve this issue?

A. Change the security method
B. Reduce the transmission power
C. Change the SSID
D. Change the frequency

Answer: B

NEW QUESTION 621
- (Exam Topic 3)
Which of the following technologies allows for redundant links within a Layer 2 segment?

A. OSPF
B. RIP
C. Port Mirroring
D. Spanning Tree

Answer: D

NEW QUESTION 625
- (Exam Topic 3)
Jeff, a user, is having a problem with a POTS line. Which of the following tools would Jeff use to make sure the phone lines have a dial tone?

A. Loopback plugs
B. Butt set
C. Cable certifier
D. Toner probe

Answer: B

NEW QUESTION 627
- (Exam Topic 3)
Which of the following separates broadcast domains?

A. Port mirroring
B. Router
C. Convergence
D. Switch

Answer: B

NEW QUESTION 628
- (Exam Topic 3)
Which of the following utilities would a technician use to determine the location of lost packets on a routed network?

A. ping
B. nslookup
C. route
D. tracert

Answer: D

NEW QUESTION 633
- (Exam Topic 3)
Kim, a user, cannot access the network using wireless. Which of the following is MOST likely the cause?

A. TXRX is reversed
B. Faulty crossover cable
C. Incorrect WEP key
D. A short in the cable pairs

Answer: C

NEW QUESTION 635
- (Exam Topic 3)
Several users from the same building are reporting connectivity issues. The SFP at that building's IDF switch is showing a link light, but there is no link light to the corresponding switch's SFP at the MDF. Which of the following is the MOST likely cause?

A. A crossover cable is being used.
B. DB loss is too high on all strands.
C. Only TX or RX strand is working.
D. TX and RX are reversed.

Answer: C

NEW QUESTION 638
- (Exam Topic 3)
A technician needs to test the length of a newly installed cable run because it is believed that it exceeds the maximum specification length. Which of the following tools should be used?

A. Cable certifier
B. Toner probe
C. Cable tester
D. Protocol analyzer

Answer: A

NEW QUESTION 640
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