CompTIA A+ Certification Practice Test 15 (Exam 220-901)

▸ The function of the NetBT protocol is to allow NetBIOS services to be used over TCP/IP networks.

○ ✔ 👎 True (✖ Missed)

○ ○ ○ False

⛔ Your answer to this question is incorrect.

▸ Which of the protocols listed below is used for automated discovery of networked services on Local Area Networks (LANs)?

○ ○ ○ SMB

○ ○ ○ AFP

○ ○ ○ CIFS

○ ✔ 👎 SLP (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ Which of the following answers refer(s) to file sharing network protocol(s)? (Select all that apply)

☐ ☐ ☐ RIP

☐ ✔ 👎 FTP (✖ Missed)

☐ ☐ ☐ NNTP

☐ ✔ 👎 AFP (✖ Missed)

☐ ☐ ☐ SNMP

⛔ Your answer to this question is incorrect.

▸ A network protocol providing an alternative solution to the manual assignment of IP addresses is called:

○ ○ ○ DNS

○ ○ ○ SNMP

○ ○ ○ NAT

○ ✔ 👎 DHCP (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ LDAP is an example of:

○ ○ ○ Authentication protocol

○ ○ ○ Address resolution protocol

○ ✔ 👎 Directory access protocol (✖ Missed)

○ ○ ○ File exchange protocol

⛔ Your answer to this question is incorrect.

▸ A protocol used in network management systems for monitoring network-attached devices is known as:

○ ○ ○ SMTP

○ ○ ○ ICMP

○ ✔ 👎 SNMP (✖ Missed)

○ ○ ○ IPsec

⛔ Your answer to this question is incorrect.

▸ Server Message Block (SMB) and Common Internet File System (CIFS) are examples of network protocols used for providing shared access to files, directories, and devices.

○ ✔ 👎 True (✖ Missed)

○ ○ ○ False

⛔ Your answer to this question is incorrect.

▸ Examples of secure network protocols offering traffic encryption include: (Select 3 answers)

☐ ☐ ☐ FTP

☐ ✔ 👎 HTTPS (✖ Missed)

☐ ☐ ☐ Telnet

☐ ☐ ☐ HTTP

☐ ✔ 👎 IPsec (✖ Missed)

☐ ✔ 👎 SSH (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ Which of the following answers refers to a cryptographic network protocol for secure data communication, remote command-line login, remote command execution, and other secure network services between two networked computers?

○ ○ ○ Telnet

○ ✔ 👎 SSH (✖ Missed)

○ ○ ○ Bcrypt

○ ○ ○ TFTP

⛔ Your answer to this question is incorrect.

▸ Which of the protocols listed below was designed as a secure replacement for Telnet?

○ ○ ○ CHAP

○ ○ ○ FTP

○ ○ ○ SNMP

○ ✔ 👎 SSH (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ Transmission Control Protocol (TCP) is an example of a connectionless protocol. TCP doesn't support three-way handshake (thus it is also referred to as unreliable or best-effort protocol).

○ ○ ○ True

○ ✔ 👎 False (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ User Datagram Protocol (UDP) is a connection-oriented protocol that requires a set of initial steps in order to establish connection (three-way handshake), supports retransmission of lost packets, flow control (managing the amount of data that is being sent), and sequencing (rearranging packets that arrived out of order).

○ ○ ○ True

○ ✔ 👎 False (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ Which of the answers listed below refer(s) to the characteristic feature(s) of the IEEE 802.11a wireless standard amendment? (Select all that apply)

☐ ✔ 👎 Maximum data signaling rate of 54 Mbps (✖ Missed)

☐ ✔ 👎 5.0 GHz frequency band (✖ Missed)

☐ ✔ 👎 Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA) network access method (✖ Missed)

☐ ☐ ☐ 2.4 GHz frequency band

☐ ☐ ☐ Maximum data signaling rate of 11 Mbps

☐ ☐ ☐ Carrier Sense Multiple Access / Collision Detection (CSMA/CD) network access method

⛔ Your answer to this question is incorrect.

▸ Which of the following answers list(s) the feature(s) of the IEEE 802.11b wireless standard amendment? (Select all that apply)

☐ ☐ ☐ Maximum data signaling rate of 54 Mbps

☐ ☐ ☐ 5.0 GHz frequency range

☐ ☐ ☐ Carrier Sense Multiple Access / Collision Detection (CSMA/CD) network access method

☐ ✔ 👎 2.4 GHz frequency range (✖ Missed)

☐ ✔ 👎 Maximum data signaling rate of 11 Mbps (✖ Missed)

☐ ✔ 👎 Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA) network access method (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ What are the characteristics of the IEEE 802.11g wireless standard amendment? (Select all that apply)

☐ ☐ ☐ Carrier Sense Multiple Access / Collision Detection (CSMA/CD) network access method

☐ ✔ 👎 Maximum data signaling rate of 54 Mbps (✖ Missed)

☐ ✔ 👎 Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA) network access method (✖ Missed)

☐ ✔ 👎 2.4 GHz frequency range (✖ Missed)

☐ ☐ ☐ Maximum data signaling rate of 11 Mbps

☐ ☐ ☐ 5.0 GHz frequency range

⛔ Your answer to this question is incorrect.

▸ The characteristic features of the IEEE 802.11n wireless standard amendment include: (Select all that apply)

☐ ✔ 👎 Multiple Input / Multiple Output (MIMO) (✖ Missed)

☐ ☐ ☐ Maximum data signaling rate of 54 Mbps

☐ ✔ 👎 2.4 GHz frequency band (✖ Missed)

☐ ☐ ☐ Carrier Sense Multiple Access / Collision Detection (CSMA/CD) network access method

☐ ✔ 👎 5.0 GHz frequency band (✖ Missed)

☐ ☐ ☐ Multi-User Multiple Input / Multiple Output (MU-MIMO)

☐ ✔ 👎 Maximum data signaling rate of 600 Mbps (✖ Missed)

☐ ✔ 👎 Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA) network access method (✖ Missed)

⛔ Your answer to this question is incorrect.

▸ Which of the following answers refers(s) to the feature(s) of the IEEE 802.11ac wireless standard amendment? (Select all that apply)

☐ ☐ ☐ Data signaling rate of up to 600 Mbps

☐ ✔ 👎 5.0 GHz frequency band (✖ Missed)

☐ ☐ ☐ Carrier Sense Multiple Access / Collision Detection (CSMA/CD) network access method

☐ ✔ 👎 Carrier Sense Multiple Access / Collision Avoidance (CSMA/CA) network access method (✖ Missed)

☐ ✔ 👎 Multi-User Multiple Input / Multiple Output (MU-MIMO) (✖ Missed)

☐ ☐ ☐ 2.4 GHz frequency band

⛔ Your answer to this question is incorrect.

▸ Which of the wireless security standards listed below has been deprecated in favor of newer standards due to known vulnerabilities resulting from implementation flaws?

○ ○ ○ AES

○ ○ ○ WPA2

○ ○ ○ PEAP

○ ✔ 👎 WEP (✖ Missed)

○ ○ ○ CCMP

⛔ Your answer to this question is incorrect.

▸ Which of the following wireless encryption schemes offers the highest level of protection?

○ ○ ○ WEP

○ ✔ 👎 WPA2 (✖ Missed)

○ ○ ○ WAP

○ ○ ○ WPA

⛔ Your answer to this question is incorrect.

▸ A security protocol introduced in order to strengthen existing WEP implementations without requiring the replacement of legacy hardware is known as:

○ ○ ○ PEAP

○ ✔ 👎 TKIP (✖ Missed)

○ ○ ○ CCMP

○ ○ ○ WPA2

⛔ Your answer to this question is incorrect.

▸ AES-based encryption mode is a characteristic feature of:

○ ○ ○ WEP

○ ✔ 👎 WPA2 (✖ Missed)

○ ○ ○ PAP

○ ○ ○ WPA

⛔ Your answer to this question is incorrect.

▸ A portion of the available Radio Frequency (RF) band allocated for wireless communication is known as:

○ ○ ○ Scope

○ ✔ 👎 Channel (✖ Missed)

○ ○ ○ Service set

○ ○ ○ Layer

⛔ Your answer to this question is incorrect.

▸ A situation in which multiple channels share the frequency band causing interference and performance degradation for devices operating on channels that are too close to each other is known as:

○ ○ ○ Cross-talk

○ ✔ 👎 Channel overlapping (✖ Missed)

○ ○ ○ Collision

○ ○ ○ Channel bonding

⛔ Your answer to this question is incorrect.

▸ A common example of channel overlapping in wireless networking would be the 2.4 GHz band used in 802.11, 802.11b, 802.11g, and 802.11n networks, where the 2.401 - 2.473 GHz frequency range is used for allocating 11 channels, each taking up a 22-MHz portion of the available spectrum. Setting up a wireless network to operate on a non-overlapping channel (1, 6, and 11 in this case) allows multiple networks to coexist in the same area without causing interference.

○ ✔ 👎 True (✖ Missed)

○ ○ ○ False

⛔ Your answer to this question is incorrect.

▸ A server with private IP address has been set up to handle requests from an outside (public) network. Which of the solutions listed below would enable its function?

○ ○ ○ Port triggering	
○ ○ ○ Port bonding	
○ ✔ 👎 Port forwarding (✖ Missed)	
○ ○ ○ Port mirroring	
⛔ Your answer to this question is incorrect.	

Your Final Report	
Total marks	40
Total Questions	25
Questions correctly answered	0
Success ratio	0%
Marks secured	0
Percentage secured	0%

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