



Exam : 920-238

Title : WLAN 2300 Rls. 4.1 Implementation &
Management

Ver : 03.25.09

QUESTION 1:

Certkiller .com is using the WMS 2300 planning tool to plan wireless coverage for a site. An important part of this configuration is properly configuring the layout. What is the most important consideration when configuring the layout using the WMS planning tool?

- A. the number of security switches
- B. the proper scaling of the document
- C. the location of the APs
- D. a location of the seed Wireless Security Switch

Answer: B

QUESTION 2:

WLAN 2300 series has numerous options for monitoring the WLAN. There are also multiple utilities used to monitor and troubleshoot the current status of wireless devices. Which procedure gives the most detail for a single Wireless Security Switch?

- A. client monitor inside WMS 2300
- B. the trace command executed from the command line interface
- C. the show command executed from the command line interface
- D. status summary inside WMS 2300

Answer: B

QUESTION 3:

The WLAN 2300 series solution provides a number of security features, including the use of Temporal Key Integrity Protocol. CKIP fixes holes in the WEP security model. Which two are advantages when using CKIP over WEP? (Choose two.)

- A. uses 5/9s algorithm
- B. Message Integrity Check
- C. MAC based filtering
- D. sequencing information

Answer: B,D

QUESTION 4:

Certkiller .com is surveying a site for a WLAN 2300 solution deployment. Many walls exist in this environment and are causing the same signal to be received multiple times, but slightly delayed. This causes multiple spots inside the site to receive zero signal. Which two terms describe what is occurring? (Choose two.)

- A. Reflection
- B. Scattering
- C. Multi-path
- D. Diffraction

Answer: A,C

QUESTION 5:

The WLAN 2300 series support a mobility domain. The mobility domain allows for transparent roaming and consistent user experience. In providing the benefits of a mobility domain. Which two statements are true? (Choose two.)

- A. A mobility domain seed member must be configured.
- B. WMS 2300 manages all Wireless Security Switches.
- C. All APs broadcast identical SSIDs.
- D. All WSSs must be a member of the same mobility domain.

Answer: A,D

QUESTION 6:

Certkiller .com is configuring a network for voice over WLAN, that contains a Meridian 1 call server, a 2245 IP Telephony, a TFTP server, and 2210/2211 handsets. Which statement about how voice traffic is prioritized over the WLAN is true?

- A. Create an ACL to change the CoS value of SVP.
- B. Modify the ToS value of the packet.
- C. Enable the WMM in the radio profile.
- D. Use AP forwarding queues.

Answer: A

QUESTION 7:

Certkiller .com is having a number of problems with their system. They would like to save the logs to a file store so they can troubleshoot these problems. Which trace command will save the trace to a specific file store located on the nonvolatile storage of the Wireless Security System (WSS)?

- A. set trace <filename>
- B. set trace ftp://<filename>
- C. set trace tftp://<filename>
- D. save trace <filename>

Answer: D

QUESTION 8:

Certkiller .com is planning security for their WLAN. They want to use pre-shared keys for encryption. Which method will support a pre-shared key?

- A. WPA
- B. IPSec
- C. 802.1x
- D. MAC Filters

Answer: A

QUESTION 9:

Certkiller .com is setting up their WLAN 2300 series to provide security. They need to provide for encryption and authentication via 802.1x. Which two supported authentication/encryption methods will meet this requirement? (Choose two.)

- A. MAC authentication
- B. EAP-MD5
- C. PEAP

D. EAP-TLS

Answer: C,D

QUESTION 10:

The Wireless Management System (WMS) application can be installed on Windows platforms as well as open source distributions. On which two open source distributions can the WMS application operate? (Choose two.)

- A. BSD 6.0
- B. Mandrake
- C. SUSE Linux 9.1
- D. Red Hat WS 3

Answer: C,D

QUESTION 11:

WLAN 2300 series can be used to pre-plan wireless coverage for a site. Using the Planning tool you can place RF obstacles inside drawings of your site. These obstacles are used to help compute attenuation of the wireless signal. In which measurement standard are the attenuation factors represented?

- A. Mbps
- B. Hz
- C. mW
- D. dB

Answer: D

QUESTION 12:

Certkiller .com is deploying wireless 2210/221 handsets throughout their WLAN. They are using a DHCP server to configure their 2210/221s. By using a DHCP they are currently assigning an IP address, and DHCP options 1, 3, 60, and 66. In this scenario, which DHCP option is also required?

- A. 151
- B. 43
- C. 15
- D. 6

Answer: A

QUESTION 13:

Wireless networks need to provide access to multiple devices using a shared medium. Since wireless networks use the air as the medium, data collisions cannot be detected. What is the method that WLAN uses to prevent collisions?

- A. CPDQ
- B. CSMA/CD
- C. Backoff Timer
- D. CSMA/CA

Answer: D

QUESTION 14:

Certkiller .com is using the Wireless Management System (WMS) to provide summary status on network elements in the mobility domain down to the switch level. Using the Alerts panel in the bottom left of the GUI summary, for which two are the error and warning information provided? (Choose two.)

- A. WPA authentication failures
- B. rogue detection
- C. SLA breach events
- D. network changes

Answer: B,D

QUESTION 15:

A 128-bit Wired Equivalent Privacy (WEP) is a shared keyed authentication system that means the client machine and AP share the same key. Which vulnerability is inherent with this type of security scheme?

- A. The open architecture of the WEP security scheme leaves it vulnerable to hackers.
- B. The WEP security model is open to impersonation type hacking, by replication of MAC addresses, usernames, and passwords.
- C. A static WEP key can be compromised if a hacker can gather enough transmitted packet information.
- D. Any WEP enabled device transmitting OTA unencrypted, makes the WLAN venerable.

Answer: C

QUESTION 16:

The WLAN management software is used to provide information such as network status, client monitoring, event logging and reporting.

Which two additional types of information are provided by the WLAN management software? (Choose two.)

- A. broadcast storms
- B. CRC errors
- C. rogue detection
- D. RF monitoring

Answer: C,D

QUESTION 17:

What is the major benefit of configuring the WSS for PEAP as an authentication method?

- A. The client is required to authenticate using the WLAN firewall.
- B. PEAP greatly reduces jamming attacks against the WLAN.
- C. It provides mutual authentication between the client and the authentication server.
- D. The shared key scheme, meaning the client and AP, must both have the same key.

Answer: C

QUESTION 18:

To contain and reduce the negative threat and affect of rogue APs, the Wireless Security System (WSS) can be used to isolate and implement effective countermeasures to eliminate associations to rogue APs. Which information can be collected using WSS? (Choose two.)

- A. rogue WEP keys
- B. rogue lifecycle events
- C. 30 days of rogue history
- D. WPA-PSK failed attempts

Answer: B,C

QUESTION 19:

Certkiller .com wants to upgrade the Wireless Security System (WSS) license key from the command line interface (CLI). Which CLI command should be used?

- A. upgrade license set
- B. set license
- C. set license upgrade
- D. license set

Answer: B

QUESTION 20:

Certkiller .com has a 2350 WLAN network with 2210 telephones and WPA authentication enabled. Which two configuration properties of the 2350 Security Switch can be set to ensure high voice quality? (Choose two.)

- A. Enable auto-tune power
- B. Disable Active Scan
- C. Configure authentication to OPEN
- D. Disable WMM
- E. Enable Active Scan

Answer: B,D

QUESTION 21:

During initial configuration of the WSS, a certificate for admin access must be created. What is the purpose of this certificate?

- A. It provides Encryption for the login username and password.
- B. It is used to encrypt traffic between the WMS and WSS.
- C. It sets up encryption protocols for the Distributed Access Points (DAP).
- D. It allows the WMS to push the initial configuration to WSS.

Answer: B

QUESTION 22:

The WLAN 2300 series can use ACLs to prioritize traffic. VoIP traffic requires prioritization to ensure fast delivery of voice packets. ACLs can be used to prioritize WMM or non WMM traffic. How do ACLs prioritize traffic?

- A. They modify the CoS field.
- B. They modify the MAC address.
- C. They modify the ToS field.
- D. They modify the IP address.

Answer: A

QUESTION 23:

The 2330 AP can be deployed easily throughout the WLAN. It is designed for dense deployments and delivers high performance without sacrificing security. However, when deployed in a distributed topology, the 2330 has certain requirements. Which two are required in a Distributed Topology? (Choose two.)

- A. DHCP Server
- B. SSL certificate
- C. Layer three device (router)
- D. PoE (Power over Ethernet)

Answer: A,D

QUESTION 24:

Certkiller .com needs to use the Wireless Management System (WMS) to provide summary status on devices in their network at the mobility domain level. When the administrator selects the Summary display, in addition to the operational status of Wireless Security System (WSS) switches, which summary status is shown?

- A. access points and their radio status
- B. individual client status events
- C. RFI
- D. rogue AP associations

Answer: A

QUESTION 25:

Certkiller .com is performing the initial configuration on a WSS 2350. Given the following parameters:

Management: VLAN=10, IP= 10.1.10.20

Data: VLAN=220, IP= 10.1.220.20

Guest: VLAN=236, IP=10.1.236.20

Which commands will establish the IP address and gateway? (Choose two.)

- A. set ip route default
- B. crypto generate key web 1024
- C. set interface management ip
- D. set enablepass
- E. set vlan 10 management tag 10 port

Answer: A,C

QUESTION 26:

The Service Set Identifiers (SSID) is a vital piece of information that can be used to hack a WLAN network. What can be done to keep this information from the casual hacker?

- A. Incorporate the WLAN in a DMZ.

- B. Implement a MAC filtering security scheme.
- C. Modify the default settings of a WLAN network by incorporating an open system.
- D. Turn off broadcasting of SSID from the Access Points.

Answer: D

QUESTION 27:

Certkiller .com is set up with a WLAN 2300 environment, and is using mobility domains. Using the CLI while logged into a Wireless Security System (WSS), which command allows the administrator to view mobility domain configuration information?

- A. show mobility-domain IP
- B. show mobility-domain status
- C. show mobility-domain attribute
- D. show mobility-domains

Answer: B

QUESTION 28:

Certkiller .com has deployed a WLAN using a 2300 solution. They notice that a wireless workstation close to an AP, is not receiving the desired signal strength. There is a wall between the AP and the wireless workstation. Which term describes what is occurring?

- A. Polarization
- B. Assimilation
- C. Diffraction
- D. Absorbtion

Answer: D

QUESTION 29:

Certkiller .com needs to use the Wireless Management System (WMS) to manage multiple WLAN security switches. What is true about enabling the WMS service to monitor network data?

- A. It is used to discover and add APs to be monitored.
- B. It is used to discover and add third party APs to be monitored.
- C. It is used to discover and add WMS clients that will monitor Wireless Security Systems (WSSs).
- D. It is used to discover and add Wireless Security Systems (WSSs) to be monitored.

Answer: D

QUESTION 30:

WLAN IP telephony handsets can access the WLAN through different forms of authentication/encryption. The authentication/encryption used depends of the security requirements of the network. Which two are possible methods of authentication and/or encryption for IP telephony handsets? (Choose two.)

- A. WPA with PSK
- B. MAC authentication
- C. WPAII with 802.1x
- D. X-509 certificates

Answer: A,B

QUESTION 31:

Certkiller .com is using a SpectraLink Voice Priority (SVP) in the Telephony Manager 2245 on their network. What must be done to enable SVP to provide QoS for Voice over IP?

- A. The TFTP Server must be configured for supporting multiple TFTP sessions.
- B. A pool of alias IP addresses must be configured first on the 2245 Telephony Manager.
- C. If a DHCP Server is used, it must have the static IP address WLAN Telephony Manager 2245 configured on it.
- D. Wi-Fi Multimedia (WMM) capabilities should be disabled.

Answer: D

QUESTION 32:

Certkiller .com is using the RF monitor to obtain current and historical information about

radio health and activity. Which two RF environments does the monitor also provide the administrator? (Choose two.)

- A. percent utilization
- B. packet retransmissions
- C. WEP key statistics
- D. WPA authentication method

Answer: A,B

QUESTION 33:

Certkiller .com is implementing security with the WLAN 2300 series, and they want to provide strong authentication of their users. They want the Wireless Security Switch to authenticate users directly to an external database. Which database can the Wireless Security Switch directly query?

- A. RADIUS
- B. Certificate Authority
- C. NTLM
- D. Active Directory (LDAP)

Answer: A

QUESTION 34:

Certkiller .com has decided that the DHCP server will be on the inside of the firewall, and that the DHCP server will be optional. Which two conditions must exist? (Choose two.)

- A. The wireless handsets must be statically configured.
- B. The Telephony Manager 2245 must be statically configured.
- C. The individual blocks of IP addresses must be supported.
- D. The DHCP Option 2 must be supported.

Answer: A,B

QUESTION 35:

The Encryption options screen of WLAN Management System, offers a choice of encryption and cipher schemes. What is an advantage of a WPA enabled system?

- A. It virtually eliminates Man-in-the-Middle Attacks.
- B. It allows authentication to be decentralized from a radius server.
- C. It supports a stronger user authentication with 802.1x and EAP.
- D. It uses Mac filters and addresses.

Answer: C

QUESTION 36:

Certkiller .com has just created a Web Portal in CLI on WSS 2380. Which command allows them to view the status of user using the portal?

- A. crypto generate self-signed web
- B. mkdir gkweb
- C. gkweb/wlanindex.htm
- D. show sessions network <ssid>

Answer: D

QUESTION 37:

WLAN management system 2300 allows you to create a network plan. This plan can optionally be saved into a standard format. Which program is used to view a network plan?

- A. Text Editor
- B. Adobe Acrobat
- C. Standard web browser
- D. Microsoft PowerPoint

Answer: C

QUESTION 38:

Certkiller .com is planning a WLAN for a site that implements Wireless IP telephony. Planning for this requires the minimum radio signal strength be taken into account. What is the minimum radio signal strength required for IP telephony?

- A. -60dbm
- B. -80dbm
- C. -50dbm
- D. -70dbm

Answer: D

QUESTION 39:

Certkiller .com has just installed a WLAN, and wants to create an access rule that would allow users to connect to the WLAN without authenticating. Which parameter setting would accomplish this?

- A. Encryption type should be set to "802.1x".
- B. Fall through authentication should be set at "Last Resort".
- C. Under SNMP, security level should be set at "Unsecured".
- D. EAP type should be at "Pass-through".

Answer: B

QUESTION 40:

Certkiller .com must troubleshoot IP routing problems. The administrator can use CLI commands to assist in this process. Which CLI command will give the administrator visibility into the Wireless Security System (WSS) IP routing table?

- A. show ip routing
- B. show ip routing table
- C. show ip route table
- D. show ip route

Answer: D

QUESTION 41:

The client monitor tool allows the administrator to manage client activity. Certkiller .com suspects a specific client to be the source of problems in the mobility domain. To which list can the administrator add the suspected client?

- A. mobility domain watch list
- B. trouble monitor list
- C. client watch list
- D. AP watch list

Answer: C

QUESTION 42:

One possible security risk posed to a WLAN is a "Rogue AP". A Rouge AP can be used to steal clients from Certkiller .com's WLAN. It could also be placed to circumvent their corporate security. Which two methods can the WLAN 2300 series use as part of it's detect and avoidance feature to contain Rouge APs? (Choose two.)

- A. It can triangulate the location of the rogue.
- B. It can force the rouge to require encryption of associated clients.
- C. It can coordinate wired DoS attacks against the rogue.
- D. It can coordinate wireless DoS attacks against the rogue.

Answer: A,D

QUESTION 43:

The WLAN 2300 Management System allows a graphical view of site installations. It can also be used to monitor real time events in the WLAN. Which two statements about features of the WLAN 2300 Management System are true? (Choose two.)

- A. It offers web-based management.
- B. It offers pre-deployment planning and configuration.
- C. It has multiple levels of administrator access.
- D. It runs on WLAN Security Switch.

Answer: B,C

QUESTION 44:

Certkiller .com has purchased a small business. The administrator needs to forward the logs of this new business to a separate syslog server. Which command is used to configure the necessary parameters?

- A. set syslog server <ip-addr> [severity-level [facility-level]] [enable|disable]
- B. set log server <ip-addr> [severity severity-level [local-facility facility-level]] [enable|disable]
- C. syslog server <ip-addr> [severity-level [facility-level]] [enable|disable]
- D. log <ip-addr> [severity-level [facility-level]] [enable|disable]

Answer: B

QUESTION 45:

Which three reports are available in the WMS application? (Choose three.)

- A. client disconnects
- B. rogue summary
- C. RF summary
- D. inventory
- E. third party AP/client associations

Answer: B,C,D

QUESTION 46:

Certkiller .com wants to calculate the actual throughput for a WLAN site. The site is an 802.11b WLAN rated at 11Mbps. Because of the use of back-off timers and ACKs, the throughput is reduced. Which setting is closest to the actual throughput of this site?

- A. 8.5 Mbps
- B. 6.5 Mbps
- C. 5.5 Mbps
- D. 7.5 Mbps

Answer: C

QUESTION 47:

Certkiller .com is selecting a WLAN Security Switch to implement at a site using 2330 APs. The site requires support for up to 10 APs and would like to provide power via PoE. There is an additional requirement for backup power to be available. Which device will fill these requirements?

- A. 2361
- B. 2380
- C. 2360
- D. 2350

Answer: A

QUESTION 48:

Certkiller .com needs to Identify and isolate problems with VLAN configurations on each Wireless Security System (WSS). Which command should the administrator use to show general VLAN configurations on the WSS?

- A. show tunnel
- B. show roaming vlan
- C. show vlan config
- D. show run

Answer: C

QUESTION 49:

Many services can be configured and used with the Wireless Security System (WSS) such as Telnet, SNMP and HTTPS. What else can be configured to work with the WSS?

- A. SSH
- B. Sntp
- C. SSL

D. RADIUS

Answer: A

QUESTION 50:

All communication between the WLAN Security Switch and AP is encrypted, including all control and management traffic. This feature limits the ability of the Rogue AP to join the network. Which two methods are used to secure this traffic? (Choose two.)

- A. WEP
- B. 802.1X/EAP
- C. HMAC-MD5
- D. AES-CCM

Answer: C,D

QUESTION 51:

Certkiller .com is ready to push a configuration from the WMS to WSS, and notices that the Network Changes review button is active. What should be done next?

- A. Press the deploy button to push the configuration.
- B. Backup and check if you've wired your WSS correctly.
- C. Review any network changes before continuing.
- D. Accept network changes before continuing.

Answer: C

QUESTION 52:

Certkiller .com is implementing security with the WLAN 2300 series and wants to provide strong authentication of their users. They have an existing LDAP database with users already configured. What must be in place to query the LDAP server?

- A. NTLM
- B. RADIUS Server

- C. Active Directory
- D. LDAP

Answer: B

QUESTION 53:

Certkiller .com is planning protection for their WLAN. Part of their basic plan is to use a closed system. Which statement describes a closed system?

- A. WEP encryption is used.
- B. SSID is not broadcast.
- C. Only specific MAC addresses have access to the WLAN.
- D. IPSec is implemented.

Answer: B

QUESTION 54:

In either the AutoCAD or Network Map view, colors are used to indicate network element status. Certkiller .com is monitoring their system, and knows that green is "up", yellow is "up" with minor service degradation, orange is "up" with major service degradation, and red is "down". Which status is represented by the color blue?

- A. no problems
- B. object functioning but disabled
- C. unknown
- D. object offline

Answer: C

QUESTION 55:

Which WLAN attack involves hacking the network with a spoofed MAC Address?

- A. Modification and Insertion
- B. Jamming
- C. Man in the Middle

D. Impersonation

Answer: D

QUESTION 56:

Once a trace command is initiated, it continues to run. Certkiller .com has initiated a trace command, but does not know how to stop it. Which command will stop a trace command while running?

- A. end trace
- B. no trace
- C. trace end
- D. clear trace

Answer: D

QUESTION 57:

The WLAN 2300 series offers a number of options for monitoring of your WLAN. WMS 2300 can be used to view real-time statistics of clients and APs. It can also be important for reporting faults that have occurred on Wireless Security Switches. Which of the following is supported by WMS 2300?

- A. IBM Tivoli Monitoring 6.1
- B. ACS
- C. Sun Solaris 2.8
- D. SUSE Linux 9.1

Answer: D

QUESTION 58:

Certkiller .com is setting up their WLAN 2300 series to provide security. They have an existing PKI environment in place, and would like to leverage the existing environment. Which supported authentication/encryption method will meet this requirement?

- A. PEAP

- B. EAP-MD5
- C. EAP-TLS
- D. WPA-PSK

Answer: C

QUESTION 59:

The WEP security model is good, but it can have vulnerabilities. What should be implemented with the WPA security model to help reduce these vulnerabilities?

- A. Use a temporal key integrity protocol (CKIP) encryption scheme.
- B. Incorporate the Isec security protocols.
- C. Make sure the firewall is between the WLAN and Corporate network.
- D. Use a Secure Socket Layer (SSL) encryption protocol.

Answer: A

QUESTION 60:

Certkiller .com has purchased a small business. The administrator must forward the logs of this new business to a separate syslog server. When action must be taken immediately, which severity type is forwarded?

- A. Warning
- B. Unknown
- C. Alert
- D. Emergency

Answer: C

QUESTION 61:

In the WSS 2380, APs use forwarding queues to prioritize WLAN traffic. What is responsible for assigning the queue in which traffic is placed?

- A. the IP ToS field

- B. the mobility domain
- C. the DSCP value
- D. the CoS value of the packet

Answer: A

QUESTION 62:

WMS RF monitoring gives the administrator the ability to see details of the RF environment and the RF neighborhood. Which two can be viewed in the RF environment? (Choose two.)

- A. noise
- B. BSSID to SSID mapping
- C. packet retransmissions
- D. transmitters

Answer: A,C

QUESTION 63:

Certkiller .com has activated the trace command. The administrator has noticed that the buffer is being filled up rather quickly. Which command will resolve this problem?

- A. log trace off
- B. clear log trace
- C. no log trace
- D. set clear trace

Answer: B

QUESTION 64:

In the process of initially configuring a WLAN 2350 Security Switch, Certkiller .com discovers that the switch doesn't have a certificate for admin access. Which command must be entered at the prompt to enable a certificate to be created?

- A. set enablepass

- B. clear boot config
- C. crypto generate key admin 1024
- D. Set vlan 10 name management tag 10 port 1

Answer: C