

Exam Code: 642-582

Exam Name: Wireless LAN Wireless LAN for Field
Engineers Exam

Vendor: CISCO

Version: DEMO

Part: A

1: In Cisco's server-based authentication security scheme, what device is used as the supplicant of the system?

- A.client
- B.switch
- C.Access Point
- D.authentication server

Correct Answers: A

2: Which three settings in a repeater Access Point are necessary to match the root Access Point? (Choose three.)

- A.SSID
- B.DNS name
- C.IP address
- D.Radio Channel
- E.WEP configuration
- F.Role in radio network

Correct Answers: E

3: What is the benefit of spread spectrum technology OFDM modulation?

- A.Range improves as data rates increases.
- B.It makes 802.11g and 802.11a interoperable.
- C.It requires less spectral bandwidth than CCK modulation.
- D.It has better performance for multipath interference than CCK modulation.

Correct Answers: D

4: The Cisco Aironet 1400 Series Bridge has a full duplex 100 Mbps interface using ____.

- A.two 75 Ohm "F" style connectors
- B.two 50 Ohm "N" style connectors
- C.two 75 Ohm "N" style connectors
- D.two 50 Ohm "RP-TNC" style connectors

Correct Answers: A

5: An 802.11b radio utilizes how much of the 2.4 GHz ISM band for transmission?

- A.1 MHz
- B.11 MHz
- C.22 MHz
- D.83.5 MHz

Correct Answers: C

6: You have a wireless LAN that you want to set up to stop traffic generated from one client on the RF. You have decided to set up a filter.What do you need to set up on the exhibits?

Address <http://192.168.0.20/SetMACFilters.shm> Go Links

AP350-54bc45 Address Filters

Cisco 350 Series AP 11.21

Map Help Uptime: 00:31:23

New MAC Address Filter:

Dest MAC Address:

☒ Allowed ☐ Disallowed

The default settings for multicast and unicast destination MAC addresses transmitted from each network interface are specified on the Advanced Setup page for that network interface.

Existing MAC Address Filters:

Lookup MAC Address on Authentication Server if not in Existing Filter List? ☐ yes ☒ no

Is MAC Authentication alone sufficient for a client to be fully authenticated? ☐ yes ☒ no

Address http://192.168.0.20/SetAdv350_Series.shm?Index=2&dot1dPort=2 Go Links

AP350-54bc45 AP Radio Advanced

Cisco 350 Series AP 11.21

Map Help Uptime: 00:39:18

Requested Status:

Current Status: Up

Packet Forwarding:

Forwarding State: Forwarding

Default Multicast Address Filter:

Maximum Multicast Packets/Second:

Radio Cell Role:

Maximum number of Associations:

Use Adornet Extensions: ☒ yes ☐ no

Classify Workgroup Bridges as Network Infrastructure: ☒ yes ☐ no

Require use of Radio Firmware 4.25a: ☐ yes ☒ no

Ethernet Encapsulation Transform:

Enhanced MIC verification for WEP:

Temporal Key Integrity Protocol:

Broadcast WEP Key rotation interval (sec): (0=off)

Accept Authentication Type: ☒ Open ☐ Shared ☐ Network-EAP

Require EAP: ☐

Default Unicast Address Filter:

Done Internet

- A.Address Filter page: Allowed; Access Point Radio Advanced page: Allowed
- B.Address Filter page: Disallowed; Access Point Radio Advanced page: Allowed
- C.Address Filter page: Allowed; Access Point Radio Advanced page: Disallowed
- D.Address Filter page: Disallowed; Access Point Radio Advanced page: Disallowed

Correct Answers: B

7: How many 2.4 GHz RF channels for DSSS are available in Japan?

- A.2
- B.9
- C.11
- D.13
- E.14

Correct Answers: E

8: Which program can be used to push profiles out to multiple Cisco Aironet clients?

- A.ACU
- B.ADU
- C.ACM
- D.ACAU

Correct Answers: D

9: The Cisco Aironet 802.11a/b/g Wireless LAN Client Adapter has two LEDs. Which two indicate that the card is working properly (not necessarily associated)? (Choose two.)

- A.green LED off; amber LED solid
- B.green LED off; amber LED blinking sporadically
- C.green LED blinking fast; amber LED blinking sporadically
- D.green LED blinking slowly; amber LED blinking sporadically

Correct Answers: C D

10: What can you do to reduce unnecessary traffic from being transmitted across the RF from an Access Point?

- A.enable packet filtering
- B.enable MAC address authentication
- C.set the buffer size in the Access Point to a lower value
- D.reduce the cell size by setting the transmit power to a lower setting

Correct Answers: A