

Cisco 642-681

**642-681 (AWLANSE) Advanced Wireless LAN for
System Engineers
Practice Test
Version 3.1**

QUESTION NO: 1

Select two activities that form part of the wireless migration plan development service component in the wireless design phase. (Choose two.)

- A. Gather and Verify Migration Requirements
- B. Confirm Project and Milestone Dates
- C. Define Migration Team Roles and Responsibilities
- D. Verify Migration Address and Available Stops
- E. Create Detailed Staff Training Matrix
- F. Collect and Verify Site Specific Implementation Requirements

Answer: A,C

QUESTION NO: 2

When a wireless controller loses connectivity to a remote Cisco Aironet 1030 Lightweight Access Point in REAP mode, what will be the next step for that remote access point?

- A. provide local WLAN1 connectivity using local-site AAA authentication server
- B. disconnect all associated clients
- C. lose its configuration
- D. continue to provide local WLAN1 connectivity for shared key authentication only
- E. support no more than 10 wireless clients

Answer: D

QUESTION NO: 3

Controller-based products use X.509 certificates for which of the following?

- A. AES user data frame encryption
- B. IPsec tunneling
- C. 3DES user data frame encryption
- D. LWAPP tunneling

Answer: D

QUESTION NO: 4

The recommended channel utilization QoS Basic Service Set load for a VoIP network should be less than which value?

- A. 50
- B. 40
- C. 35
- D. 45

Answer: D

QUESTION NO: 5

What is the Cisco-recommended limit of standalone access points to be managed by a CiscoWorks WLSE 1130-19 with RF management enabled?

- A. 1800
- B. 1000
- C. 1500
- D. 2500

Answer: A

QUESTION NO: 6

Which DSCP value is mapped to the IEEE 802.11e user priority for voice in a Cisco WLAN?

- A. 48
- B. 46
- C. 34
- D. 56

Answer: B

QUESTION NO: 7

The local authentication service on a standalone access point supports which two authentication types? (Choose two.)

- A. EAP-FAST
- B. EAP-Cisco Wireless (Cisco LEAP)
- C. PEAP-MSCHAP
- D. EAP-TLS
- E. PEAP-GTC

Answer: A,B

QUESTION NO: 8

Analyzing the customer's WLAN design including interference and signal strength, and recommending design changes to accommodate a voice over WLAN system, are activities associated with which service component in the plan phase?

- A. Service Assurance
- B. Security Architecture Assessment
- C. VoiceOver WLAN Assessment
- D. Operations Readiness Assessment
- E. WLAN Wired Network Integration Assessment

Answer: C

QUESTION NO: 9

Assessing current network infrastructure to support the proposed WLAN system is an activity of which service component in the wireless plan phase?

- A. WLAN Wired Network Integration Assessment
- B. Operations Readiness Assessment
- C. Service Assurance
- D. VoiceOver WLAN Assessment
- E. Security Architecture Assessment

Answer: A

QUESTION NO: 10

A wireless security assessment has been performed for a network that is composed of Windows 2000 and Windows XP wireless clients. The customer wishes to use IEEE 802.1X authentication using certificate services. Which EAP-type combinations are appropriate?

- A. PEAP-MSCHAP and EAP-TLS
- B. PEAP-MSCHAP and EAP-SIM
- C. PEAP-GTC and EAP-MD5
- D. EAP-Cisco Wireless (Cisco LEAP) and PEAP-GTC

Answer: A

QUESTION NO: 11

Which three of these items are key components of a site survey? (Choose three.)

- A. pre-survey assessment
- B. coverage verification
- C. client configuration
- D. documentation
- E. access point staging
- F. facility walkthrough

Answer: A,D,F

QUESTION NO: 12

Which three settings should be set on the WLAN controller for a VoIP network designed for Cisco Unified Wireless IP Phone 7920? (Choose three.)

- A. multicast-disabled
- B. AES encryption
- C. TKIP encryption
- D. goldQoS
- E. platinumQoS
- F. multicast-enabled

Answer: A,C,E

QUESTION NO: 13

Which EAP authentication method is used by the Cisco WLAN controller to perform web authentication?

- A. PEAP-MSCHAP
- B. EAP-MD5
- C. PEAP-GTC
- D. EAP-TLS
- E. No EAP authentication is used

Answer: E

QUESTION NO: 14

Which four criteria does the Cisco Unified Wireless IP Phone 7921G use to associate with the access point? (Choose four.)

- A. highest QBSS
- B. lowest RSSI
- C. highest RSSI
- D. same encryption
- E. same SSID
- F. lowest QBSS

Answer: C,D,E,F

QUESTION NO: 15

Why is a separate voice VLAN recommended when you use the Cisco Unified Wireless IP Phone 7920?

- A. The voice VLAN can provide Layer 3 fast secure roaming.
- B. The Cisco Unified Wireless IP Phone 7920 uses IEEE 802.11b.
- C. Appropriate ACLs can be applied to the voice VLAN.
- D. Quality of service can be applied to the voice VLAN.

Answer: C

QUESTION NO: 16

Which one of the following integrated services routers supports the integrated 2.4-GHz b/g access points?

- A. Cisco 1811
- B. Cisco 1803
- C. Cisco 1841
- D. Cisco 1812

Answer: C

QUESTION NO: 17

Which feature was introduced in Cisco Compatible Extensions version 2?