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500-202

Implementing Cisco Service Provider Mobile
Unlicensed Small Cell Solutions

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QUESTION NO: 1

A primary goal of the Cisco Service Provider Wi-Fi solution is to provide an exceptional user experience. From the point of view of the service provider, which two factors affect the user experience? (Choose two.)

- A. how the user gains access to the network
- B. how services and policies are applied to the user
- C. how the user traffic is routed to the Internet
- D. the path that the user traffic has to follow to reach the Internet
- E. how the service providers monetize their network

Answer: A,B

Explanation:

QUESTION NO: 2

Cisco intelligent access points provide four features that can be used to enhance the user experience.

Which three features are available on Cisco intelligent access points? (Choose three.)

- A. Cisco CleanAir
- B. Cisco DataSecure
- C. Cisco ClientLink
- D. Cisco BandSelect
- E. Cisco VoiceProtect
- F. Cisco Streaming Video

Answer: A,C,D

Explanation:

QUESTION NO: 3

Wi-Fi Passpoint is a Wi-Fi Alliance certification program and it is often used synonymously with the name of the technology that the Passpoint program certifies devices as being compliant with.

Which technology does Passpoint certification assure compliance with?

- A. Next-Generation Hotspot
- B. Wi-Fi Protected Access
- C. Hotspot 2.0
- D. Wi-Fi Protected Access 2

Answer: C

Explanation:

QUESTION NO: 4

In what way does MAC-TAL authentication improve the user experience?

- A.** The services and policies of each user are applied automatically as part of the authentication process, based on the user's MAC address.
- B.** If the user is disconnected during a session, they are re-authenticated automatically based on their MAC address.
- C.** When the user first connects to the network, they are redirected to a personalized web portal based on their MAC address.
- D.** Layer 2 security mechanisms can be applied separately to each user, based on their MAC address.

Answer: B

Explanation:

QUESTION NO: 5

Which benefit is provided by link aggregation in the Cisco 8500 Series Controller?

- A.** higher capacity and reliability by using eight 1 GbE ports
- B.** higher capacity and reliability by using two 10 GbE ports
- C.** higher reliability by using two 10 GbE ports
- D.** high reliability by using eight 1 GbE ports

Answer: C

Explanation:

QUESTION NO: 6

Which option does EAP-SIM authentication require?

- A.** the latest Cisco WLC software (Previous software versions only supported PEAP MS-CHAPv2.)
- B.** the AAA server that can communicate the mobile network HLR
- C.** the handset with a micro-SIM
- D.** the AAA server that can communicate with Microsoft Active Directory

Answer: B

Explanation:

QUESTION NO: 7

In an architecture without an ISG, what is the policy control and enforcement function?

- A. Cisco eWAG
- B. the wireless LAN controller
- C. Cisco GGSN
- D. Cisco SGSN

Answer: C

Explanation:

QUESTION NO: 8

Which tunneling option is appropriate for integration with a 3G GSM mobile packet core?

- A. Proxy Mobile IPv6 (PMIPv6)
- B. GPRS Tunneling Protocol v2 (GTPv2)
- C. Ethernet over GRE Tunneling (EoGRE)
- D. GPRS Tunneling Protocol (GTPv1)
- E. GPRS Tunneling Protocol Prime (GTP')
- F. Control and Provisioning of Wireless Access Points (CAPWAP)

Answer: D

Explanation:

QUESTION NO: 9

When you place a MAG on the Cisco WLC, which two pieces of LMA information are critical to creating a PMIPv6 tunnel? (Choose two.)

- A. LMA IP address
- B. MAC address of the Cisco WLC
- C. DHCP option 82 information
- D. NAI