Vendor: Cisco

Exam Code: 640-721

Exam Name: Implementing Cisco Unified Wireless Networking Essentials (IUWNE)

Version: DEMO

QUESTION 1
The 4-way handshake is used to establish which key during the WPA authentication process?

A. Pairwise Master Key
B. Pairwise Multiple Key
C. Pairwise Session Key
D. Pairwise Transient Key
E. Pairwise Transverse Key

Answer: D

QUESTION 2
To seamlessly roam between two wireless cells in a Cisco Unified Wireless Network using controllers, which condition must exist?

A. The next cell should be on the same channel as the client's current cell.
B. The wireless client must use an EAP authentication method with the infrastructure authenticator.
C. The client's password must be the same on both APs.
D. The next cell should provide the same SSID as the client's current cell.
E. The clients need static IP addresses.

Answer: D

QUESTION 3
Which two tasks does RRM routinely perform? (Choose two.)

A. antenna selection
B. AP address assignment
C. channel assignment
D. encryption method assignment
E. transmit power control

Answer: CE

QUESTION 4
Which four parameters need to be configured for local EAP-FAST on the controller? (Choose four.)

A. Authority ID
B. Authority ID Information
C. Client Key
D. PAC
E. Server Key
F. TTL for PAC
G. Monitor Key
H. NTP Source

Answer: ABEF

QUESTION 5

Match the interface description on the left with the appropriate interface on the right. (Click Select and Place)

Match the interface description on the left with the appropriate interface on the right.

Descriptions (left)	Interfaces (right)
Designed to be analogous to VLANs for wireless LAN client device.	AP Manager
The only port that is active when the controller is in boot mode.	Dynamic
This interface is the only consistently "pingable" in-band interface IP address on the Cisco WLC.	Management
Used for Layer 3 communications between the Cisco WLC and the lightweight access points.	Service Port
Used to support mobility management, DHCP relay, and guest web authentication.	Virtual

Answer:

Match the interface description on the left with the appropriate interface on the right.

Descriptions (left)	Matched (right)
Designed to be analogous to VLANs for wireless LAN client device.	Used for Layer 3 communications between the Cisco WLC and the lightweight access points.
The only port that is active when the controller is in boot mode.	Designed to be analogous to VLANs for wireless LAN client device.
This interface is the only consistently "pingable" in-band interface IP address on the Cisco WLC.	Used to support mobility management, DHCP relay, and guest web authentication.
Used for Layer 3 communications between the Cisco WLC and the lightweight access points.	The only port that is active when the controller is in boot mode.
Used to support mobility management, DHCP relay, and guest web authentication.	This interface is the only consistently "pingable" in-band interface IP address on the Cisco WLC.

QUESTION 6

Which statement about an infrastructure basic service set is true according to IEEE 802.11 specifications?

A. Also called an Ad Hoc Network.
B. The BSSID is generated from the first wireless client that starts up in the IBSS.
C. Enables the use of ESS.
D. No relaying of signals from one client to another client.

Answer: C

QUESTION 7
What increases bandwidth and resists multipath problems by carrying data in subcarriers?

A. Direct Sequence Spread Spectrum
B. Frequency Hopping Spread Spectrum
C. Narrow Band Frequency
D. Orthogonal Frequency Division Multiplexing

Answer: D

QUESTION 8
When creating new configuration profiles in Cisco Secure Services Client, in what format are the files saved?

A. .RTF
B. .HTML
C. .TXT
D. .XML
E. .XTML

Answer: D

QUESTION 9
A controller is connected to a Cisco IOS Catalyst switch. The following is the switch port configuration:

interface GigabitEthernet 1/0/10
switchport
switchport trunk encapsulation dot1q
switchport trunk allowed vlan 1,20,30,50
switchport trunk native vlan 20
switchport mode trunk

Which controller CLI command assigns its management interface to the Cisco IOS Catalyst switch native vlan interface?

A. config interface vlan management 0
B. config interface vlan management 1
C. config interface vlan management 20
D. config interface vlan management 30
E. config interface vlan management 50

Answer: A

QUESTION 10
Cisco Client Management Frame Protection is running on a mobility group with two controllers.
Which two MFP requirements protect the network? (Choose two.)

A. forces clients to authenticate, using a secure EAP method only
B. implements the validation of wireless management frames
C. requires CCXv5
D. requires the use of anonbroadcast SSID
E. requires CCXv4

Answer: BC

QUESTION 11
What is the result when client exclusion is enabled with a timeout value of zero?

A. Clients are excluded indefinitely.
B. Clients are never excluded.
C. Client exclusion is disabled.
D. Clients must be explicitly included by specifying the MAC address
E. Exclusion and inclusion is determined by access list.

Answer: A

QUESTION 12
The central office is currently using a combination of 4400 and 2100 series WLAN controllers
running v4.2 and a variety of LWAPP-enabled access points servicing both 2.4 GHz and 5 GHz.
The WLAN deployment has been extended to each remote office by implementing a 526 WLAN
controller running v4.1 and several 521 access points. Wireless client deployment uses EAP-TLS
authentication using a centralized RADIUS server plus 802.11n for performance. After the first
remote office deployment, remote office users complain that they are not connecting via 802.11n.
What is the most likely cause of this problem?

A. The 526 WLAN controller does not support external authentication via RADIUS, prohibiting
    authentication.
B. The 521 AP does not support 5 GHz, which prohibits 802.11n.
C. The 521 AP and 526 WLAN controllers do not support AES, which prohibits 802.11n.
D. The 526 WLAN controller does not support 802.11n with v4.1 and must be upgraded to v4.2.
E. The 526 WLAN controller does not support 802.11n with either v4.1 or v4.2.

Answer: E

QUESTION 13
How do the features that are available on the Cisco WCS for Linux version differ from those of the
Cisco WCS for Windows version?

A. Assuming that there are no differences in hardware, a Cisco WCS for Linux can support up to 750
    wireless LAN controllers. A Cisco WCS for Windows can support up to 250 wireless LAN controllers.

B. Cisco WCS for Windows includes support for Cisco Spectrum Expert clients. Cisco WCS for Linux does not support Cisco Spectrum Expert clients.
C. Cisco WCS for Linux is required for deployments.
D. There are no differences in features between the Linux and Windows versions of Cisco WCS.

Answer: D

QUESTION 14
Which CLI command shows the controller configuration in a way that is similar to the way that it is displayed on Cisco IOS routers?

A. showconfig
B. show runconfig
C. show run-config
D. show runningconfig
E. show running-config

Answer: E

QUESTION 15
Which two attacks does Management Frame Protection help to mitigate? (Choose two.)

A. Eavesdropping
B. Denial of Service
C. War Driving
D. Man-in-the-Middle

Answer: BD

QUESTION 16
Lightweight access points send control traffic to which device(s)?

A. Other access points.
B. The Wireless Control System.
C. The Wireless Controller.
D. Lightweight access points don't send control traffic.

Answer: C

QUESTION 17
Which three elements define the 802.11n implementation of MIMO? (Choose three.)

A. Channel Bonding
B. Dynamic Frequency Selection
C. Maximal Ratio Combining
D. Packet Aggregation
E. Spatial Multiplexing
F. Transmit Beam Forming

Answer: CEF

QUESTION 18
In the AP Layer 3 controller discovery process, after the LWAPP Discovery Request is broadcast on a local subnet, what is the next step that the AP takes?

A. Determine whether the controller responses are the primary controller.
B. Send an LWAPP discovery request to controllers learned via OTAP if operational.
C. Send an LWAPP response to the master controller if known.
D. Wait 5 seconds and resend a Discovery Request to the local subnet.

Answer: B

QUESTION 19
Effective Isotropic Radiated Power is calculated by using which three values? (Choose three.)

A. antenna bandwidth
B. antenna gain
C. cable loss
D. receiver sensitivity
E. SSID
F. transmission power

Answer: BCF

QUESTION 20
Which four file formats are used when importing a single campus map into the Cisco WCS 5.0? (Choose four.)

A. .BMP
B. .GIF
C. .JPEG
D. .JPG
E. .PNG
F. .VSD
G. .MAP
H. .XML

Answer: BCDE