

CCDA Certification Interview Questions And Answers Guide.



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CCDA Certification Job Interview Preparation Guide.

Question # 1

Explain Which two of these are required for wireless client mobility deployment when using a Cisco Unified Wireless Network? (Choose two.)

- A. assigned master controller
- B. matching mobility group name
- C. matching RF group name
- D. matching RF power
- E. matching security
- F. matching RF channel

Answer:-

- B. matching mobility group name
- E. matching security

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Question # 2

Explain Which three factors best justify WAN link redundancy between geographically dispersed sites? (Choose three.)

- A. important traffic flows
- B. lack of speed
- C. high link utilization
- D. uncertain reliability
- E. excessive packet transmission rate
- F. high expense of transmitting data

Answer:-

A,B,D:important traffic flows/lack of speed/
uncertain reliability

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Question # 3

Explain Which two VoIP characteristics are affected most by codec choice? (Choose two.)

- A. voice quality
- B. silent packet handling
- C. voice packet header size
- D. bandwidth required for voice calls

Answer:-

- A.voice quality
- D. bandwidth required for voice calls

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Question # 4

Explain Which two of these represent a best practice implementation of a Split MAC LWAPP deployment in a Cisco Unified Wireless Network? (Choose two.)

- A. Each wireless client authentication type maps to a shared SSID which in turn maps to a common shared VLAN.
- B. Each wireless client authentication type maps to a unique SSID which in turn maps to a unique VLAN.
- C. Each wireless client authentication type maps to a unique SSID which in turn maps to a common shared VLAN.
- D. 802.1Q trunking extends from the wired infrastructure to the access point for translation into SSID(s).
- E. 802.1Q trunking extends from the wired infrastructure to a wireless LAN controller for translation into SSID(s).
- F. 802.1Q trunking extends from the wired infrastructure to a wireless LAN controller. Then the 802.1Q packet is encapsulated in LWAPP and sent to the access point for transmission over the SSID(s).



Answer:-

B,E:Each wireless client authentication type maps to a unique SSID which in turn maps to a unique VLAN./802.1Q trunking extends from the wired infrastructure to a wireless LAN controller for translation into SSID(s).

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Question # 5

Explain Which three factors best justify WAN link redundancy between geographically dispersed sites? (Choose three.)

- A. important traffic flows
- B. lack of speed
- C. high link utilization
- D. uncertain reliability
- E. excessive packet transmission rate
- F. high expense of transmitting data

Answer:-

- A:important traffic flows
- B:lack of speed
- D: uncertain reliability

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Question # 6

Suppose An organization needs a WAN Transport technology that meets these criteria:
has a low initial cost provides low-to-medium BW has medium-to-high latency and jitter
Which technology would you suggest?

- A. DSL
- B. X.25
- C. ISDN
- D. wireless
- E. analog modem

Answer:-

- A. DSL

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Question # 7

Explain Which H.323 protocol controls call setup between endpoints?

- A. H.225
- B. H.245
- C. RAS
- D. RTCP

Answer:-

- B. H.245

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Question # 8

Explain Which statement accurately describes one difference between a small office and medium office topology?

- A. Small offices commonly use Rapid PVST+ for Layer 3 deployments.
- B. Medium offices commonly use integrated route and switching platforms.
- C. Medium offices use integrated 10/100/1000 interfaces as Layer 2 trunks.
- D. Medium offices use external access switches to support LAN connectivity.

Answer:-

- B: Medium offices use external access switches to support LAN connectivity.

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Question # 9

Explain Which two techniques can reduce voice packet transfer delay across a link of less than 512 kbps? (Choose two.)

- A. deploy LFI
- B. increase queue depth
- C. increase link bandwidth
- D. extend the trust boundary
- E. deploy software compression

Answer:-

- A.deploy LFI
- C. increase link bandwidth

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Question # 10



Suppose You are designing a small branch office that requires these attributes:

- support for 60 users
 - the growth capacity to add another 15 users soon
 - redundant access
 - higher bandwidth between the Layer 2 switch and routing to the WAN
- Which branch office topology or technology must be used?

- A. two-tier
- B. loop-free
- C. three-tier
- D. EtherChannel
- E. integrated routing and switching

Answer:-

D.EtherChannel

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Question # 11

Suppose The topology map in the draft design document should cover which two layers of the OSI model? (Choose two.)

- A. physical
- B. data link
- C. network
- D. transport
- E. session
- F. application

Answer:-

- A. physical
- C. network

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Question # 12

Suppose A company is designing a worldwide IPv6 network with duplicated file servers at multiple locations. Each file server contains identical reference information. Which IPv6 address type would be used to allow each end station to send a request to the nearest file server using the same destination address, regardless of the location of that end station?

- A. unicast
- B. anycast
- C. multicast
- D. broadcast

Answer:-

- B. anycast

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Question # 13

Explain Which statement accurately describes one difference between a small office and medium office topology?

- A. Small offices commonly use Rapid PVST+ for Layer 3 deployments.
- B. Medium offices commonly use integrated route and switching platforms.
- C. Medium offices use integrated 10/100/1000 interfaces as Layer 2 trunks.
- D. Medium offices use external access switches to support LAN connectivity.

Answer:-

D:Medium offices use external access switches to support LAN connectivity.

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Question # 14

Explain Which two of these best describe the implementation of a WAN Backup design over the Internet? (Choose two.)

- A. a best-effort method
- B. requires no ISP coordination or involvement
- C. bandwidth guaranteed based on interface configuration
- D. designed as an alternative to a failed WAN connection
- E. implemented with a point-to-point logical link using a Layer 2 tunnel

Answer:-

- A.a best-effort method
- D.designed as an alternative to a failed WAN connection

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Question # 15

Explain Which two statements represent advantages that the top-down network design process has over the bottom-up network design process? (Choose two.)

- A. is able to provide the big picture
- B. utilizes previous experience
- C. takes less time to design a network



- D. identifies appropriate technologies first
- E. provides a design for current and future development

Answer:-

A,E:is able to provide the big picture/provides a design for current and future development

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Question # 16

Explain Which two statements represent advantages that the top-down network design process has over the bottom-up network design process? (Choose two.)

- A. is able to provide the big picture
- B. utilizes previous experience
- C. takes less time to design a network
- D. identifies appropriate technologies first
- E. provides a design for current and future development

Answer:-

- A. is able to provide the big picture
- E. provides a design for current and future development

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Question # 17

Explain Which two of these represent a best practice implementation of a Split MAC LWAPP deployment in a Cisco Unified Wireless Network? (Choose two.)

- A. Each wireless client authentication type maps to a shared SSID which in turn maps to a common shared VLAN.
- B. Each wireless client authentication type maps to a unique SSID which in turn maps to a unique VLAN.
- C. Each wireless client authentication type maps to a unique SSID which in turn maps to a common shared VLAN.
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- E. 802.1Q trunking extends from the wired infrastructure to a wireless LAN controller for translation into SSID(s).
- F. 802.1Q trunking extends from the wired infrastructure to a wireless LAN controller. Then the 802.1Q packet is encapsulated in LWAPP and sent to the access point for transmission over the SSID(s).

Answer:-

- A. Each wireless client authentication type maps to a unique SSID which in turn maps to a unique VLAN.
- E. 802.1Q trunking extends from the wired infrastructure to a wireless LAN controller for translation into SSID(s).

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Question # 18

Explain Which two VoIP characteristics are affected most by codec choice? (Choose two.)

- A. voice quality
- B. silent packet handling
- C. voice packet header size
- D. bandwidth required for voice calls

Answer:-

- A,D : voice quality/ bandwidth required for voice calls

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Question # 19

Explain The Cisco Data Center Network Architecture comprises which two Cisco SONA layers? (Choose two.)

- A. Interactive Services
- B. Business Applications
- C. Network Infrastructure
- D. Collaboration Applications
- E. WAN/Internet

Answer:-

- A.Interactive Services
- C. Network Infrastructure

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Question # 20

Suppose Given a VoIP network with these attributes:

Codec: G.711

WAN bandwidth: 768Kbps

Packet Header: 6 bytes

Payload: 160 bytes

CRTP: No

How many calls can be made?

- A. 7 calls
- B. 8 calls
- C. 9 calls



- D. 11 calls
- E. 13 calls

Answer:-

- C. 9 calls

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Question # 21

Explain Which two of these are required for wireless client mobility deployment when using a Cisco Unified Wireless Network? (Choose two.)

- A. assigned master controller
- B. matching mobility group name
- C. matching RF group name
- D. matching RF power
- E. matching security
- F. matching RF channel

Answer:-

B,E:matching mobility group name/matching security

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Question # 22

Suppose A Cisco security mechanism has the following attributes:

- it is a sensor appliance
- it searches for potential attacks by capturing and analyzing traffic
- it is a "purpose-built device"
- it is installed passively
- it introduces no delay or overhead

Which Cisco security mechanism is this?

- A. IKE
- B. PIX
- C. HIPS
- D. NIDS
- E. HMAC

Answer:-

- D. NIDS

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