

- **Vendor: Cisco**
- **Exam Code: 200-301**
- **Exam Name: Cisco Certified Network Associate**
- **Part of New Questions from [PassLeader](#) (Updated in [Mar/2022](#))**

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NEW QUESTION 608

What is one reason to implement LAG on a Cisco WLC?

- A. to increase security and encrypt management frames
- B. to provide link redundancy and load balancing
- C. to allow for stateful and link-state failover
- D. to enable connected switch ports to failover and use different VLANs

Answer: B

NEW QUESTION 609

Which action implements physical access control as part of the security program of an organization?

- A. configuring a password for the console port
- B. backing up syslogs at a remote location
- C. configuring enable passwords on network devices
- D. setting up IP cameras to monitor key infrastructure

Answer: A

NEW QUESTION 610

Which field within the access-request packet is encrypted by RADIUS?

- A. authorized services
- B. authenticator
- C. username
- D. password

Answer: D

NEW QUESTION 611

A network administrator is setting up a new IPv6 network using the 64-bit address 2001:0EB8:00C1:2200:0001:0000:0000:0331/64. To simplify the configuration, the administrator has decided to compress the address. Which IP address must the administrator configure?

- A. ipv6 address 21:EB8:C1:2200:1::331/64
- B. ipv6 address 2001:EB8:C1:22:1::331/64
- C. ipv6 address 2001:EB8:C1:2200:1::331/64

D. ipv6 address 2001:EB8:C1:2200:1:0000:331/64

Answer: C

NEW QUESTION 612

A network engineer is configuring a switch so that it is remotely reachable via SSH. The engineer has already configured the host name on the router. Which additional command must the engineer configure before entering the command to generate the RSA key?

- A. password password
- B. crypto key generate rsa modulus 1024
- C. ip domain-name domain
- D. ip ssh authentication-retries 2

Answer: B

NEW QUESTION 613

What is a function of Opportunistic Wireless Encryption in an environment?

- A. offer compression
- B. increase security by using a WEP connection
- C. provide authentication
- D. protect traffic on open networks

Answer: D

NEW QUESTION 614

What is the function of the controller in a software-defined network?

- A. multicast replication at the hardware level
- B. fragmenting and reassembling packets
- C. making routing decisions
- D. forwarding packets

Answer: C

NEW QUESTION 615

What is a requirement for nonoverlapping Wi-Fi channels?

- A. different security settings
- B. discontinuous frequency ranges
- C. different transmission speeds
- D. unique SSIDs

Answer: B

NEW QUESTION 616

A network engineer is installing an IPv6-only capable device. The client has requested that the device IP address be reachable only from the internal network. Which type of IPv6 address must the engineer assign?

- A. unique local address
- B. link-local address
- C. aggregatable global address
- D. IPv4-compatible IPv6 address

Answer: B

NEW QUESTION 617

What is a requirement when configuring or removing LAG on a WLC?

- A. The Incoming and outgoing ports for traffic flow must be specified if LAG is enabled.
- B. The controller must be rebooted after enabling or reconfiguring LAG.
- C. The management interface must be reassigned if LAG disabled.
- D. Multiple untagged interfaces on the same port must be supported.

Answer: C

NEW QUESTION 618

What provides centralized control of authentication and roaming In an enterprise network?

- A. a lightweight access point
- B. a firewall
- C. a wireless LAN controller
- D. a LAN switch

Answer: C

NEW QUESTION 619

Which protocol is used for secure remote CLI access?

- A. HTTPS
- B. HTTP
- C. Telnet
- D. SSH

Answer: D

NEW QUESTION 620

What is the purpose of the ip address hcp command?

- A. to configure an Interface as a DHCP server
- B. to configure an interface as a DHCP helper
- C. to configure an interface as a DHCP relay
- D. to configure an interface as a DHCP client

Answer: D

NEW QUESTION 621

Which wireless security protocol relies on Perfect Forward Secrecy?

- A. WPA3
- B. WPA
- C. WEP
- D. WPA2

Answer: A

NEW QUESTION 622

What is a function of an endpoint on a network?

- A. forwards traffic between VLANs on a network
- B. connects server and client devices to a network
- C. allows users to record data and transmit to a file server
- D. provides wireless services to users in a building

Answer: B

NEW QUESTION 623

What differentiates device management enabled by Cisco DNA Center from traditional campus device management?

- A. CLI-oriented device
- B. centralized
- C. device-by-device hands-on
- D. per-device

Answer: B

NEW QUESTION 624

Which service is missing when RADIUS is selected to provide management access to the WLC?

- A. authorization
- B. authentication
- C. accounting
- D. confidentiality

Answer: D

NEW QUESTION 625

Which command must be entered to configure a DHCP relay?

- A. ip dhcp relay
- B. ip dhcp pool
- C. ip address dhcp
- D. ip helper-address

Answer: D

NEW QUESTION 626

Drag and Drop

An engineer is tasked to configure a switch with port security to ensure devices that forward unicasts multicasts and broadcasts are unable to flood the port. The port must be configured to permit only two random MAC addresses at a time. Drag and drop the required configuration commands from the left onto the sequence on the right. Not all commands are used.

Answer Area

switchport mode access	1
switchport port-security	2
switchport port-security mac-address 0060.3EDD.77AB	3
switchport port-security mac-address 00D0.D3ED.622A	4
switchport port-security mac-address sticky	
switchport port-security maximum 2	
switchport port-security violation shutdown	

Answer:

Answer Area

	switchport mode access
	switchport port-security
switchport port-security mac-address 0060.3EDD.77AB	switchport port-security maximum 2
switchport port-security mac-address 00D0.D3ED.622A	switchport port-security violation shutdown
switchport port-security mac-address sticky	

NEW QUESTION 627

Drag and Drop

Drag and drop the IPv6 addresses from the left onto the corresponding address types on the right.

Answer Area

2001:db8:600d:cafe::123	Global Unicast	
fcba:926a:e8e:7a25:b1:c6d2:1a76:8fdc		
fd6d:c83b:5cef:b6b2::1	Unique Local	
3ffe:e54d:620:a87a::f00d		

Answer:

Answer Area

Global Unicast
2001:db8:600d:cafe::123
3ffe:e54d:620:a87a::f00d
Unique Local
fcba:926a:e8e:7a25:b1:c6d2:1a76:8fdc
fd6d:c83b:5cef:b6b2::1

NEW QUESTION 628

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