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Cisco 300-365

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QUESTION NO: 1

A customer is implementing a massively scaled guest wireless network to support approximately 32,000 clients. For ease of administration, they have required implementing multiple interfaces defined on the WLC and mapped to a single interface group. Which configuration meets this need?

- A. 264 interfaces of /25 sized networks
- B. 132 interfaces of /24 sized networks
- C. 66 interfaces of /23 sized networks
- D. 33 interfaces of /22 sized networks

ANSWER: D

Explanation:

References: <http://www.cisco.com/c/en/us/support/docs/wireless/8500-series-wireless-controllers/113695-8500-dg-00.html>

QUESTION NO: 2

Which two components comprise the NetFlow architecture? (Choose two.)

- A. collector
- B. gateway
- C. event correlator
- D. exporter
- E. application transcoder

ANSWER: A D

QUESTION NO: 3

After a wireless deployment, users report that wireless voice clients are experiencing an unacceptable amount of delay while roaming during a call on the Cisco Unified 7925 Series phones. The customer environment consists of multiple controllers, all running 7.4.121.0 code, operating in a centralized deployment. What configuration issue is most likely contributing to the problem?

- A. The authentication should be set to WPA2-PSK to allow for 802.11n speeds for the Cisco Unified 7925 phones.
- B. The access points on that floor are all on one controller and should be load balanced evenly across multiple controllers.
- C. The access points for that floor are salt and peppered across multiple controllers and should be moved to the primary controller.
- D. The wireless phones are operating in the 2.4 GHz band and should be configured for the 5 GHz band.

ANSWER: B

QUESTION NO: 4

A security engineer wants all guest users to be terminated in the DMZ of their firewall. Which two configurations must be implemented to fulfill this new requirement? (Choose two.)

- A. TCP port 16666 and 16113 in an ACL on the controller
- B. UDP ports 16666 and IP protocol 97 on the firewall
- C. a mobility group with a controller in an isolated network on the firewall
- D. an RF group with a controller in an isolated network on the firewall
- E. UDP ports 1812 and 1645 in an ACL on the controller

ANSWER: B C

QUESTION NO: 5

A customer requires wireless traffic from the branch to be routed through the firewall at corporate headquarters. There is a RADIUS server in each branch location. Which FlexConnect state should be used in this scenario?

- A. local authentication and local switching
- B. local authentication and central switching
- C. central authentication and central switching
- D. central authentication and local switching

ANSWER: C

Explanation:

http://www.cisco.com/c/en/us/td/docs/wireless/controller/7-2/configuration/guide/cg/cg_flexconnect.html

QUESTION NO: 6

A company has a small open plan office with 400 user devices. You have implemented a high-density deployment of Cisco Aironet 3600 Access Points with an AC radio module installed. After performing a post wireless survey you notice a high amount of channel utilization and co-channel interference of the 5GHz band. You decide to implement RxSOP using the precreated threshold templates on the Cisco WLC and set it to HIGH. You perform another survey and the results are the same as before.

Which description of the issue is true?

- A. CleanAir is not enabled.
- B. Enable high density on the 5 Ghz band.
- C. You must use external patch antennas.
- D. RxSOP is not supported on a third pluggable radio module on a Cisco Aironet 3600 AP.

ANSWER: D

Explanation:

Reference: https://www.cisco.com/c/en/us/td/docs/wireless/controller/8-3/config-guide/b_cg83/b_cg83_chapter_011100.html

QUESTION NO: 7

Which two methods to discover a controller does a MAP attempt when it boots up? (Choose two.)

- A. If Ethernet and wireless are available, it attempts to discover only via Ethernet.
- B. If Ethernet is disconnected, it attempts to connect wirelessly using AWPP.
- C. If only wireless is available and it is configured as a MAP, it does not attempt to connect to a WLC.
- D. If Ethernet and wireless are available, it uses Ethernet first. If it cannot connect via Ethernet, then it chooses wireless.
- E. If Ethernet is disconnected, it attempts to connect wirelessly using the configured DHCP option.

ANSWER: A B

Explanation:

References: http://www.cisco.com/c/en/us/td/docs/wireless/controller/7-3/configuration/guide/b_cg73/b_wlccg_chapter_01001.html

QUESTION NO: 8

Which 802.11 standard is TSpec part of?

- A. 802.11d
- B. 802.11e
- C. 802.11f
- D. 802.11g

ANSWER: B

QUESTION NO: 9

A network engineer is experiencing issues enabling LAG on the WLC. Which four characteristics should be validated to ensure LAG configuration? (Choose four.)

- A. All ports participate in the LAG by default when LAG is enabled on the controller. y
- B. Dynamic interfaces and management are moved to port 1
- C. Primary and secondary ports are needed for each interface.
- D. Multiple untagged interfaces to the same port are not allowed.
- E. EtherChannel must be configured for mode "on" on the switch.
- F. Only one functional physical port is needed to continue to pass traffic.
- G. Multiple LAGs are permitted on the controller.
- H. The WLC does not need to be rebooted to enable the LAG configuration.

ANSWER: A D E F

Explanation:

http://www.cisco.com/c/en/us/td/docs/wireless/controller/7-4/configuration/guides/consolidated/b_cg74_CONSOLIDATED/b_cg74_CONSOLIDATED_chapter_0100011.html

QUESTION NO: 10

An engineer must implement WLC features that enhance roaming. Which two technologies fulfill this requirement? (Choose two.)

- A. Cisco Centralized Key Management
- B. 802.11v
- C. 802.11r
- D. 802.1X
- E. WPA2

ANSWER: A C