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Vendor:HP

Exam Code:HPE6-A47

Exam Name:Designing Aruba Solutions

Version:Demo

QUESTION 1

An architect proposes four 7210 Mobility Controllers (MCs) to support about 1,500 client APs. The customer environment will have a maximum of about 20,000 wireless clients. The customer wants hardware MMs with an active and standby deployment.

What is the minimum solution that meets the customer requirements?

- A. two MM-HW-10K appliances
- B. two MM-HW-5K appliances
- C. four MM HW-5K appliances
- D. four MM HW-10K appliances

Correct Answer: B

QUESTION 2

A plan includes these security settings for the employee WLAN:

1.

WPA2-Enterprise with AES encryption

2.

802.1X with PEAP-MSCHAPv2

However, the customer wants to use certificates to authenticate user devices.

Which change brings the plan in alignment with the customer requirements?

- A. Use EAP-TLS instead of PEAP-MSCHAPv2
- B. The TKIP encryption instead of AES.
- C. Add WPA2-PSK as an alternative to WPA2-Enterprise.
- D. Add Tunneled TLS (TTLS) as an alternative to PEAP-MSCHAPv2.

Correct Answer: D

QUESTION 3

What is one important guideline for antenna selection?

- A. Ensure that the beam-width exceeds 100 degrees.
- B. Ensure that the H-plane and E-plane values are within 45 degrees of each other.

- C. Ensure that the antenna is rated for 802.11ac usage.
- D. Ensure that the antenna is designed for the frequency used by the radio.

Correct Answer: D

QUESTION 4

An Aruba wireless solution for a very high density (VHD) wireless solution consists of a Mobility Master (MM) and two Mobility Controllers (MCs).

What is the best practice design for routing the wireless traffic?

- A. The MCs provide the default gateway services for wireless devices and use static routers.
- B. The MCs act at Layer2, and the MM acts as the default gateway.
- C. The MCs act at Layer2, and core routing switches act as the default gateway.
- D. The MCs provide the default gateway services for wireless devices and use OSPF.

Correct Answer: B

QUESTION 5

An architect needs to plan 802.11ac wireless deployment for an office environment with a mix of closed offices and cubicles. The coverage area is approximately 4,645 square meters (approximately 50,000 square feet) and has 350 users. The employees use the wireless network for typical office applications, such as email, Web, printing, and accessing shared files and datacenter services.

The architect plans to do a predictive site survey and use VisualRF to plan the coverage.

What is a general estimate for the AP count that the architect should have in mind?

- A. 5-10
- B. 10-15
- C. 20-25
- D. 40-45

Correct Answer: D

QUESTION 6

An architect plans to propose an Aruba wireless solution with several Mobility Controllers (MCs) and a Mobility Master (MM) architecture. Wireless users run Skype for Business, a Unified Communications (UC) solution. The architect plans to use the Aruba SDN capabilities to integrate with the UC solution.

What helps to support high availability specifically for the SDN services?

- A. a redundant master MC
- B. backup controllers defines on the APs
- C. a cluster deployment for MCs
- D. a redundant MM

Correct Answer: D

QUESTION 7

An architect proposes an Aruba solution with a hardware Mobility Master (MM) to a customer. The customer has a disaster recovery site which is connected to the main site at Layer 3. The customer requires the MM to remain available in case of a total site failure.

Which plan meets the customer requirements?

- A. Deploy a hardware MM to the disaster recovery site and set up VRRP between them.
- B. Deploy a hardware MM to the disaster recovery site and set its IP address as the standby master for MCs.
- C. Deploy the virtual MM (VMM) to the disaster recovery site and set the VMM IP address to the same address as the hardware MM.
- D. Deploy the virtual MM (VMM) to the disaster recovery site and configure clustering on the hardware and software appliances.

Correct Answer: A

QUESTION 8

A customer needs a solution to terminate VPN tunnels for Aruba RAPs. The customer has a single site and a single public IP address for this purpose. Network address translation (NAT) will forward the IPsec traffic to the correct device to terminate the VPN tunnel. The customer also requires N+1 redundancy for the solution.

Which solution meets the customer requirements?

- A. two Aruba MCs on the same subnet that use VRRP without clustering
- B. two Aruba MCs deployed as a Layer 3 cluster
- C. two Aruba MCs on different subnets that use VRRP without clustering
- D. two Aruba MCs deployed as a Layer 2 cluster

Correct Answer: B

QUESTION 9

An architect plans 128 APs to support 12,800 devices in a very high density (VHD) design. The customer requires high

availability, so the architect plans to recommend a pair of controllers.

What is one reason to recommend 7210 controllers rather than 7205 controllers for this deployment?

- A. the need for high speed 10 GbE ports
- B. the need for clustering
- C. the number of device required
- D. the number of APs required

Correct Answer: C

QUESTION 10

A customer needs a wireless solution upgrade. Among the devices that need wireless access are printers. What information about the printers does the architect need to plan the wireless solution? (Select two.)

- A. whether the printers are physically locked down
- B. the identify of users who need to access printers
- C. whether the printers support Power over Ethernet (PoE)
- D. whether the printers support 802.1X
- E. the 802.11 standards supported by the printer

Correct Answer: C

QUESTION 11

An architect needs to plan the RF coverage.

Which application has the greatest potential impact on RF design?

- A. print
- B. email
- C. voice
- D. secure web browsing

Correct Answer: D

QUESTION 12

What typically drives the need for an aggregation layer in modern networks?

- A. insufficient fiber cabling, especially between buildings
- B. lack of high speed uplink capabilities at the access layer
- C. simplification of spanning tree protocol at the access layer
- D. need to extend VLANs across wider areas

Correct Answer: C