HPE6-A47$^{Q\&As}$

Designing Aruba Solutions

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QUESTION 1

An architect plans to deploy a Mobility Controller (MC) at one building in subnet 10.23.01.0/24 and another MC in another building in subnet 10.44.12.0/24. The MCs need to provide redundancy for each other.

What must the architect take into account in the redundancy plan?

A. The MCs cannot provide any level of redundancy for each other unless one is moved into the other\'s subnet.

B. The MCs cannot be in a cluster, and they must use Virtual Router Redundancy Protocol (VRRP) to provide redundancy for each other.

C. The MCs can be in a cluster, but the cluster will not support features such as stateful failover.

D. Each MC can be the backup LMS for the other MCs\' APs, but it cannot be in a cluster with the other MC.

Correct Answer: B

QUESTION 2

A customer has very high availability requirements for wireless services. The architect plans to implement clustering on several Aruba Mobility Controllers (MCs).

Which benefit of this feature should the architect explain?

A. Clustering provides wireless client load balancing and seamless failover for client sessions.

B. Clustering provides high stability because one MC is active for all sessions and one is standby for all sessions.

C. Clustering enables an AP with a failed MC to operate on its own briefly to ensure seamless connectivity.

D. Clustering enables an AP with a failed MC to reconnect to a new AP after a short bootstrap.

Correct Answer: B

QUESTION 3

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 4

Which guidelines should an architect use to determine how many AirWave servers to recommend?

A. One server should be deployed on every subnet with an infrastructure device.

B. One server is recommended for the base features and one server each for add-on features such as Clarity.

C. One server should be dedicated to the wired infrastructure and one server to the wireless infrastructure.

D. One server should monitor and manage up to about 4,000 infrastructure devices.

Correct Answer: A

QUESTION 5

Read this scenario thoroughly, and then answer each question that displays on the right side of the screen.

An architect proposes these products for a customer who wants a wireless and wired upgrade:

1.

Aruba 2930M switches at the access layer

2.

Aruba 5406R switches at the core

3.

Aruba AP-325s

4.

Aruba 7205 Mobility Controllers (MCs), deployed in a cluster

5.

Aruba Mobility Master (MM)

6.

Aruba ClearPass Cx000V

7.

Aruba AirWare

The architect also needs to propose a security plan for the solution. The customer has 900 employees and up to 30 guests a day. The customer wants to protect the internal perimeter of the network with authentication and simple access controls. The customer is most concerned about wireless security, but also wants to ensure that only trusted users

connect on the wire. However, the customer also wants all wired traffic to be forwarded locally on access layer switches. The customer already has a third-party firewall that protects the data center.

The customer wants to use certificates to authenticate user devices, but is concerned about the complexity of deploying the solution. The architect should recommend a way to simplify. For the most part users connect company-issued laptops to the network. However, users can bring their own devices and connect them to the network. The customer does not know how many devices each user will connect, but expects about two or three per-user. DHCP logs indicate that the network supports a maximum of 2800 devices.

Refer to the provided scenario. Based on the plan for wired authentication, what is a correct plan for wired user VLANs?

A. use the MCs to assign wired users to their VLANs, and extend the VLANs to a Layer 3 switch connected to the MC

B. specify the VLANs in network policies on AirWare, and ensure that both the switches and MCs are managed by AirWare

C. assign wired users to different VLANs from wireless users, based on port or role assignments on access layer switches. Extend the VLANs to the core.

D. configure the same roles on switches and MCs to place wired and wireless users in the same VLANs. Extend VLANs from access layer switches to the core.

Correct Answer: C

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