DUMPSARENA

Aruba Certified Design Expert Written Exam

HP HPE6-A80

Version Demo

Total Demo Questions: 9

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QUESTION NO: 1

A retailer currently has two redundant ClearPass C2000 0L36O Gen9 hardware appliances and two perpetual 1K Access licenses. The customer uses ClearPass to authenticate employee wireless devices and other corporate wireless devices. ClearPass togs indicate that, peak license usage is currently 1900.

The customer now wants to add a guest access solution. Guests will connect to an open SSiD and be redirected to a portal which they can use to self-register and log in. The customer anticipates that up to f 550 guest devices will connect at the same time.

The customer requires the most cost-effective solution that will meet the requirements.

What should the network architect recommend for this solution?

A. IK + 500 Access licenses: IK + 500 Guest licenses

B. 1K + 500 Access licenses; Two 1K Onboard licenses

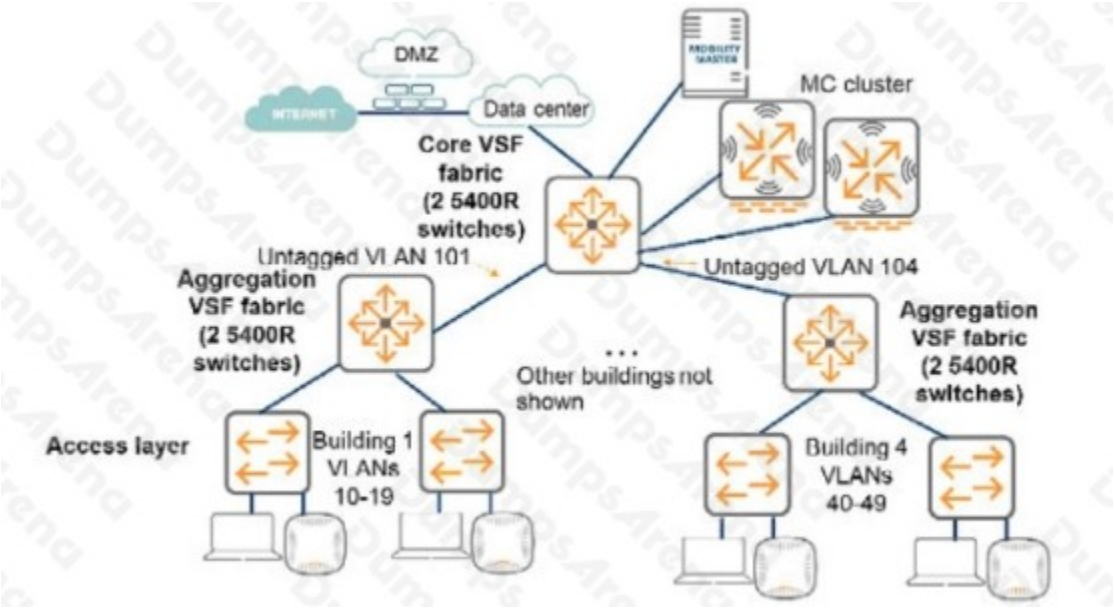
C. 1K + 500 Access licenses

D. Two 1K Guest licenses

ANSWER: D

QUESTION NO: 2

Refer to the exhibit.



A customer has the wined infrastructure shown in the exhibit. The customer is in the process of expanding their wireless services They will now add a new wireless solution, with mobility controllers (MCs) connected as shown. The new wireless solution will support a total of 450 APs and about 26,000 wireless devices. It must provide seamless roaming across the entire campus.

After the new deployment, both wired and wireless devices experience IP connectivity issues.

Which change to the existinginfrastructureshould the architect recommend to support all of the customer requirements?

A. The wired VLANS should be combined into a single VLAN and n6 subnet

B. The core switches should be replaced with switches that have larger ARP tables.

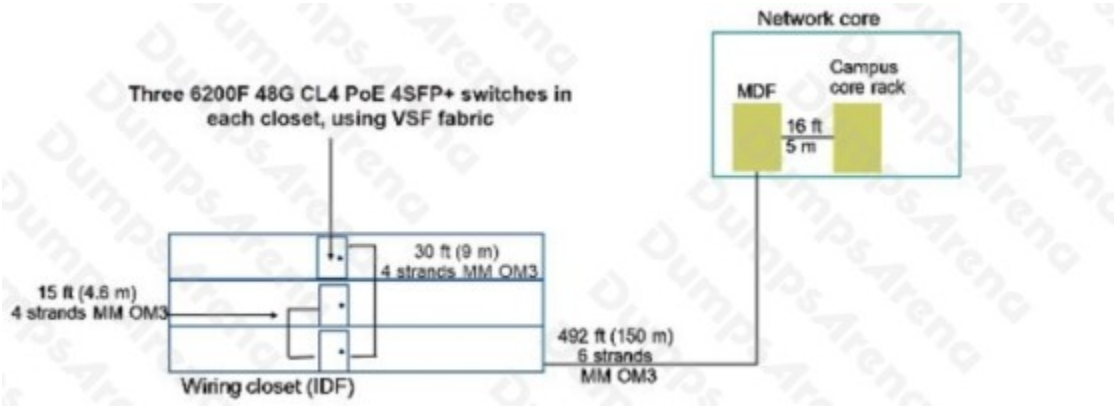
C. The MCs should be moved to the aggregation layer, and more MCs added

D. The core and aggregation switches should disable Virtual Switching Framework (VSF).

ANSWER: D

QUESTION NO: 3

Refer to the exhibit.



A customer needs a wired upgrade for a building on its main campus. The exhibit shows the switches that the architect has selected for each closet and me existing cabling. The customer is not open to changing the cabling.

The customer requires link redundancy for the uplinks from each closet and for the links from the building to the core. In non link failure situations, the uplinks from each closet must support at least 20Gbps, and the building as a whole must have at least 20 Gbps to the core in non link failure situations

Which two options Tor connecting the closets to the network core are valid? (select two.)

A. Connect me Floor 2 switch stack to Floor 1 with two fiber connections, DO me same for Floor 3. connect the Floor 1 switch stack to the network cone with two fiber connections.

B. Connect the switch stack on each floor directly to the network cone on two "fiber connections per floor. Achieve this by patching the inter-floor fiber through to the interbuilding fiber.

C. Combine the nine switches on the three floors into a single switch stack with the MM QM3 fiber cables in a ring topology. Connect two Floor 1 members to the network core with one fiber connection each.

D. Combine the nine switches on all three floors into a single switch slack with stacking cables in a ring topology. Connect two Floor f members to the network core with one fiber connection each

E. Add two aggregation switches in the Floor 1closet. Connect the switch stack for each closet to the aggregation switches on two fiber links each and the aggregation switches to the core on two fiber links.

ANSWER: B E

QUESTION NO: 4

An indoor basKetbaiI stadium has 5.000 seats in two rings:

• The stadium has a ceiling height of GO feet (18 m).

• There is a catwalk around the perimeter of the basketball court, between the court andthe seating areas.

• This catwalk is 40 feet (12 m) from the floor.

• There are two scoreboards at either end of the stadium.

• The construction of the stadium is concrete and sleet.

The customer does not want an under-seat, picoceli deployment.

Which AP model is appropriate to provide coverage in the main stadium bawl?

A. AP-577

B. AP-555

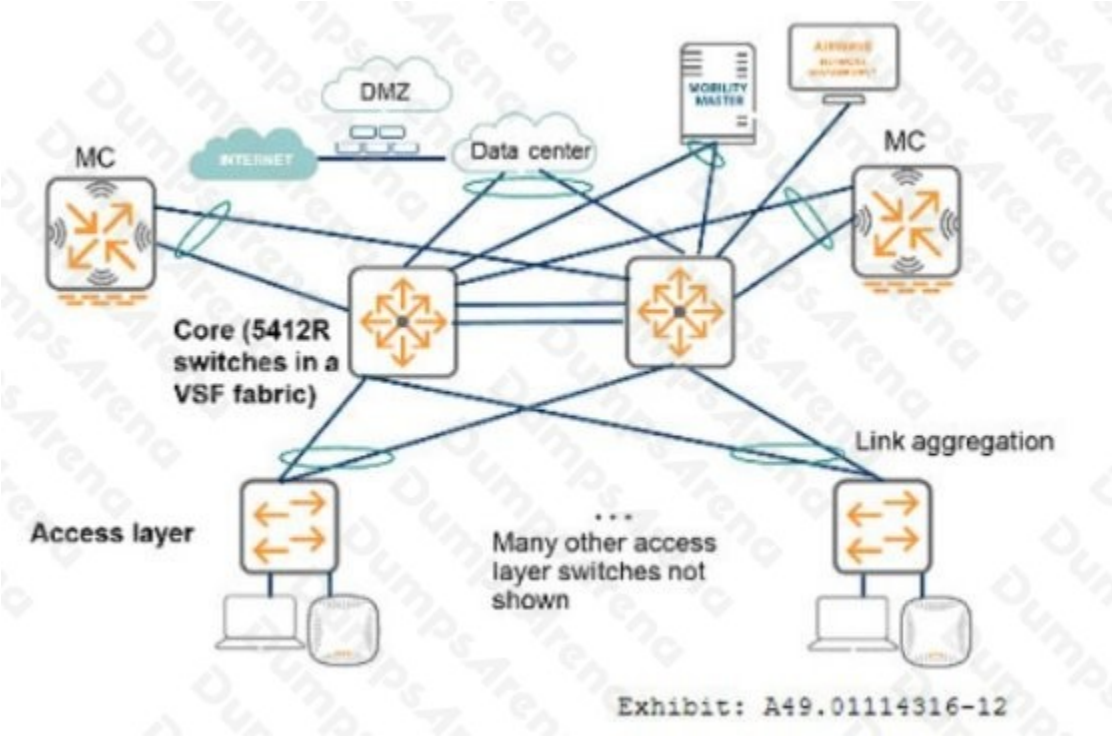
C. AP-575

D. AP-505

ANSWER: A

QUESTION NO: 5

Refer to the exhibit.



The exhibit shows the design for an existing network. The customer intends to replace the current Core switches with two Aruba 8400 switches.

What are two points that the architect should ensure that the customer understands?

(Select two.)

A. The 8400 switches do not support VSF.

B. The 8400 switches cannot be monitored by AirWave.

C. The 8400 switches run different software than the 5400R switches.

D. The 8400 switches have a smaller ARP table than the 540OR switches.

E. The 8400 switches are fixed port switches.

ANSWER: C D

QUESTION NO: 6

A company already has an Aruba wireless network The network currently consists of:

* oneMM-HW-1k

* two 7210 MCs in the network core

* two 721GMCsintheDMZ

* 200 AP-515S in Building 1 and Building 5

100 AP-515S each In Building 2r Building 3, and Building 4

The customer now wants to assess if it needs local Mobility controllers (MC) for any buildings:

- Building 1 is the main office building for the campus. It supports the highest number of

APs. It connects to the

network core without an aggregation layer.

* Building 2 is further away from the Building i. and no roaming is provided between it andthe other buildings its

access layer connects to the network cone with a pair of Aruba CX 6300M aggregation switches.

* Building 3 is further away from the other buildings, it connects to the network core withoutan aggregation layer.

The Guest SSID traffic should be tunnelled to the DMZ controllers

' Building 4 has its own local datacenter and Internet connection. The company would like it to be able to operate

completely autonomously if its aggregation layer loses connectivity with the core.

* Building 5 is further away from the other buildings, it connects to the network core withoutan aggregation layer.

This building has been assigned to a partner that would like to manage a dedicated SS1D using the shared AP infrastructure.

In which two buildings should the network architect plan local mobility controllers (MCs)?

(Select two)

A. Building 1

B. Building 4

C. Building 5

D. Building 3

E. Building 2

ANSWER: A D

QUESTION NO: 7

A network architect needs to plan quality of service (QoS) for a hospital network.

Which of these applications should receive the highest priority?

A. streaming IPTV in lobbies

B. cloud-based scheduling software

C. MRI image transfer

D. wireless voice communicator devices

ANSWER: B

QUESTION NO: 8

A retail customer is doing a wired and a wireless refresh with Arut>a CX switches and S02.11ax APs. Currently, trey nave wireless Point of Sales (PoS) systems and would like to assure that the proposed deployment solution will comply with the Payment Card Industry (PCI) Data Security Standard (DSS) requirements.

The architect have proposed the following deployment solutions regarding PCI DSS requirements'

-IDS/IPS

-Aruba APs in hybrid mode as well as in dedicated AMs mode

-Strong authentication and encryption for wireless

-Built-in firewall and role-based access controls to segment WLAN

Which other requirements must you include in the existing deployment solution? (Select two.)

A. Select the FIPS/TAA-compliant version for the Access Points.

B. Suggest MACSet between the Aruba CX switches that encrypt all traffic over the link.

C. Switch high-availability solution VSF and VSX also can encrypt all traffic on their switch links.

D. Aruba Central or Aruba AirWave to generate a scheduled compliance reporting.

E. Role-based access controls for wired users using ClearPass. Optionally ; tunneled-node to MCs.

ANSWER: D E

QUESTION NO: 9

A customer has an existing; Aruba wireless solution to provide wireless access for employees. The solution Includes Aps,mobility controllers (MCs) at the network core, and a Mobility Master (MM} A customer would like to set up a separatelymanaged guest network and have the traffic go directly to the DMZ.

What should the architect suggest as the simplest solution that meets the requirements?

A. Have a dedicated mobility controller in the DMZ managed by the same MM

B. Double the number of APs and controllers.

C. Use MulitZone, and put a mobility controller in Itie DMZ.

D. Add APs in a dedicated AP group to support only the guest network SSI

ANSWER: C