HPE6-A49 Q&As

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QUESTION 1

Refer to the exhibit.


Quotation - Composite View

Quotation Browser

Views Filters

- Composite -

Site 1

Line#	Part Number	Description	Manufacturer	Unit Price	Quantity	Total	Price List
1.00	JY680A	Aruba AP-303H (US) Unified AP	Hewlett Packard Enter..	$495.00	200	$99,000.00	USA Price List (USD)
1.01	H6PQ1E	Aruba 1Y FC NBD Exch AP-303H SVC [for JY680A]	Hewlett Packard Enter...	$22.00	200	$4,400.00	USA Price List (USD)
		Quote Total				**$103,400**	

A hotel needs a wireless solution. The architect has selected 303H Series, controlled by a local MC, as the best choice. The hotel plans to have the APs installed in the existing wall boxes which have one Ethernet port each. The architect has created to BOM shown in the exhibit. (Note that this portion of the BOM does not include the MC, which is not part of this question.)

Which additional clarification should the architect seek to determine whether this BOM fully meets the customer needs?

A. whether the hotel wants to deploy the APs as RAPs or CAPs

B. whether the hotel has CAT5e patch cables long enough to reach the boxes

C. whether directional or omnidirectional external antennas work better for the APs

D. whether the hotel already has a PoE or PoE+ source

Correct Answer: D

QUESTION 2

An indoor sports stadium has 5,000 seats in two rings:

The stadium has a ceiling height of 60 feet (18m).

There is a catwalk around the perimeter of the court, between the court and the seating areas. This

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

There are two scoreboards at either end of the stadium.

The construction of the stadium is concrete and steel.

The customer does not want an under-seat, pico cell deployment, and the customer requires 802.11ac

Wave 2.

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

A. AP-228

B. AP-344

C. AP-365

D. AP-375

Correct Answer: A

QUESTION 3

Case study

A retailer needs a wireless and wired network upgrade, as well as an authentication and access control solution for a network that includes a main office with a three-floor building and six branch sites. The branch users all use resources at the main corporate office. Branch office employees will use wireless connections. At the main office, employees use wired and wireless connections. The customer wants the strongest authentication for employee wireless connections. It is also important that the MC role-based firewall can implement consistent access controls on employee connections no matter where the employees connect and no matter how they connect (wirelessly or, at the main site, wired). The customer also needs to provide complimentary wireless access for guests. Guest should be redirected to a portal, through which they can register and login. The customer would like two SSIDs, CompanyXEmployee and CompanyXGuest. The company wants to divide employees in two groups, managers and staff. In the corporate network, managers should only have access to Server Group Managers and staff should only have access to Server Group Staff. Each server group includes necessary services such as domain and DHCP, as well as servers that the employees access to do their jobs. All employees should also have access to the Internet. Guests should only have HTTP and HTTPS access, and only to the Internet.

The customer has: a maximum of 1000 employee devices a maximum of 100 guest devices at the same time 500 devices on wired ports at the main site, which will be supported by 12 new AOS-Switches (mostly employee laptops, as well as a few non-802.1X capable printers, which should just communicate with print servers)

The devices used by employees include 450 company-issued laptops, which the company wants to screen for security issues and violations of security policies. All authentications are assumed to be concurrent.

To fulfill the requirements for the wireless network upgrade, the architect plans to propose: 5 RAPs at each of 6 branch sites 60 APs at the main site

The architect will also propose an MM and ClearPass. The architect still needs to plan the Mobility Controllers (MCs). The customer requires high availability for wireless services and redundancy for the MCs. If a single MC fails, the network must continue to function without impact. If an MC fails, the customer must also receive a replacement component for the failed component by the next business day so that their IT staff can install it and get the network back to normal operation as soon as possible. Software upgrades must also be seamless, without the introduction of any downtime for wireless services, and the customer needs to be able to obtain the latest software over the lifetime of the solution for the next several years.

What is a correct plan for firewall rules for the guest role? (The options describe the rules, but do not need to use correct command syntax.)

A. deny all to corporateLAN, permit all HTTP, permit all HTTPS, deny all other traffic

B. permit all HTTP, permit all HTTPS

C. permit all DHCP, permit all DNS, permit all HTTP, permit all HTTPS

D. permit all DHCP, permit all DNS, deny all to corporateLAN, permit all HTTP, permit all HTTPS

Correct Answer: C

QUESTION 4

What is one customer requirement that can drive the need for a relatively dense AP deployment, in which the coverage areas of at least three AP radios overlap?

A. support for beacon management

B. AP operation as hybrid AMs for IDS/WIPS

C. the deployment of dual 5GHz radio APs

D. location tracking of wireless IoT devices

Correct Answer: D

QUESTION 5

Refer to the exhibits.

Exhibit 1. Existing wiring plan:

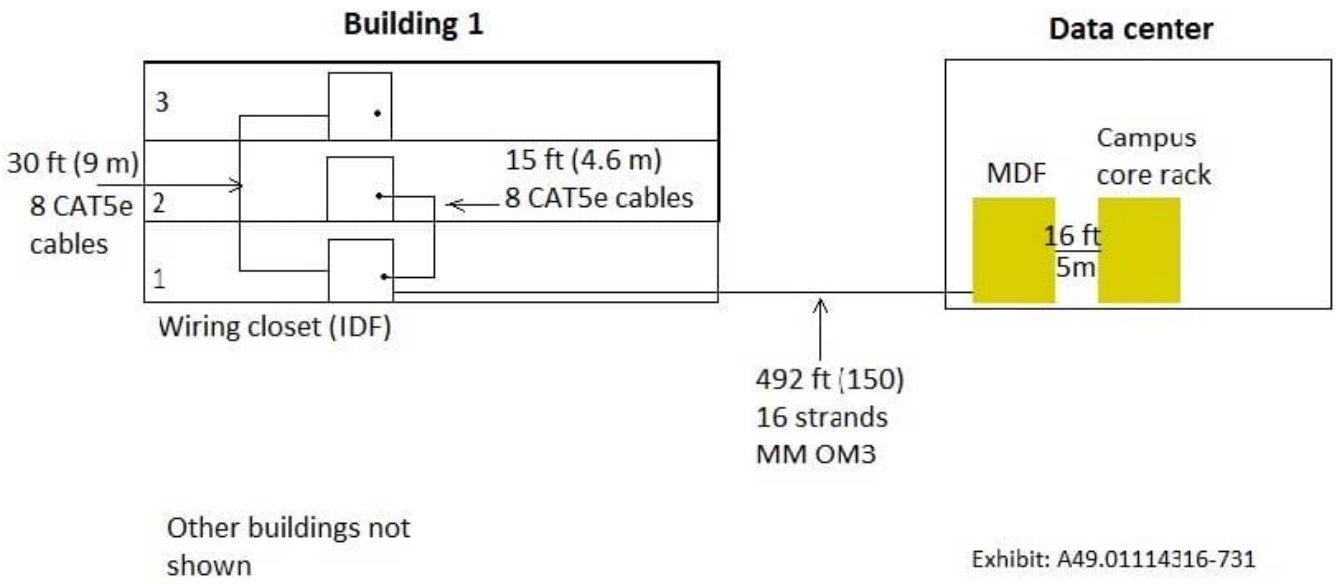

Exhibit 2. Current proposal:

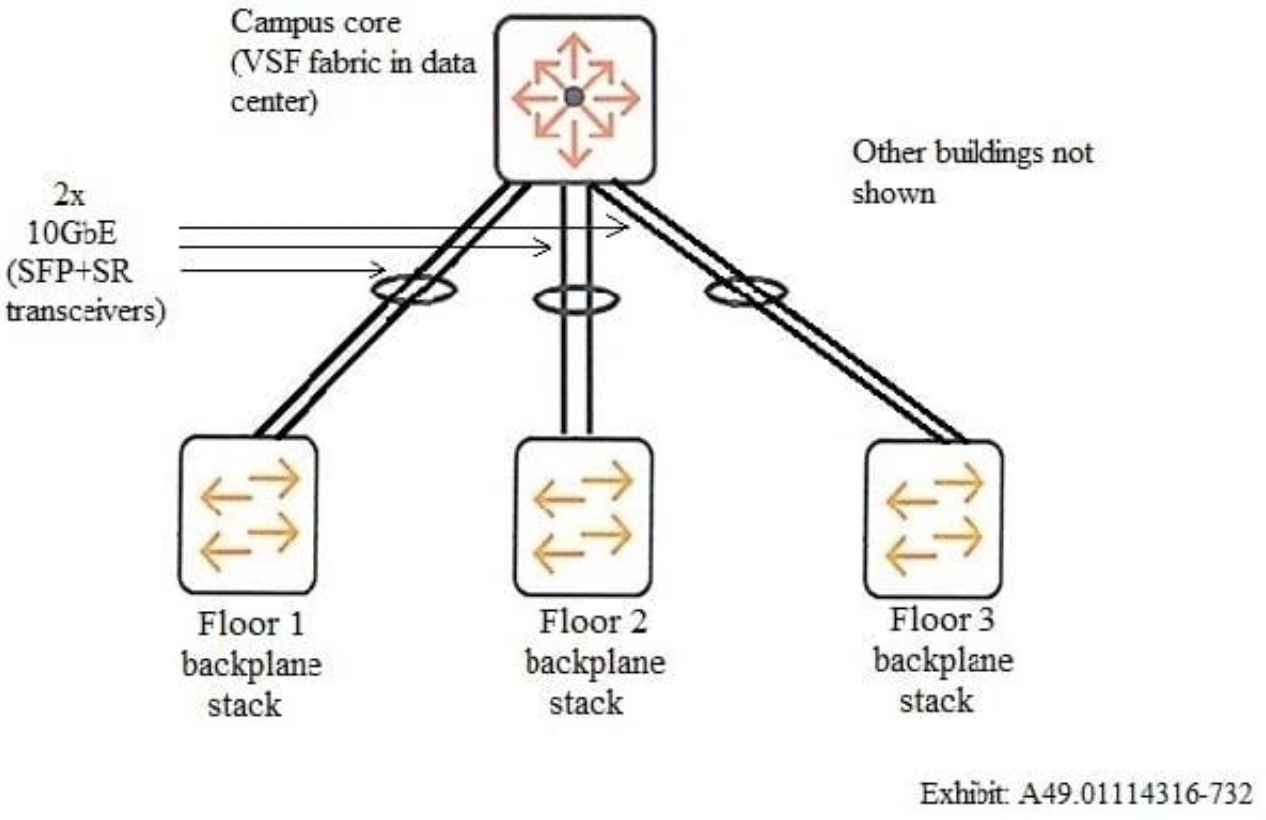

Exhibit: A49.01114316-732

A customer has a building that needs a switch upgrade. The customer would like at least 20Gbps for the uplink bandwidth out of each closet. The building writing plan is shown in Exhibit 1. The customer will not consider any cable upgrades at this point. The current proposal is shown in Exhibit 2.

Which correction must architect make to the proposal to meet the customer requirements?

A. Change the SR transceivers for each link between the writing closet switches and the network core to LRM transceivers.

B. Add an aggregation layer, and connect writing closet switches to the aggregation layer on Smart Rate ports.

C. Add an aggregation layer, and connect writing closet switches to the aggregation layer with SFP+ SR transceivers.

D. Add a mode conditioning cable for each link between the writing closet switches and the network core.

Correct Answer: D