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QUESTION 1

A retailer has many small outlets. Each outlet has: a local Internet connection, but no local services. The outlets have no local IT staff. All traffic must go through the main office. Devices at the site are primarily POS systems.

The retailer currently has a complex VPN solution, but would like to: Shift entirely to wireless devices with a new 802.11ac network Simplify network setup for existing and new outlets

The architect has examined the sites and determined that each will require about 1 to 3 APs. The customer wants the most cost-effective solution that meets the requirements.
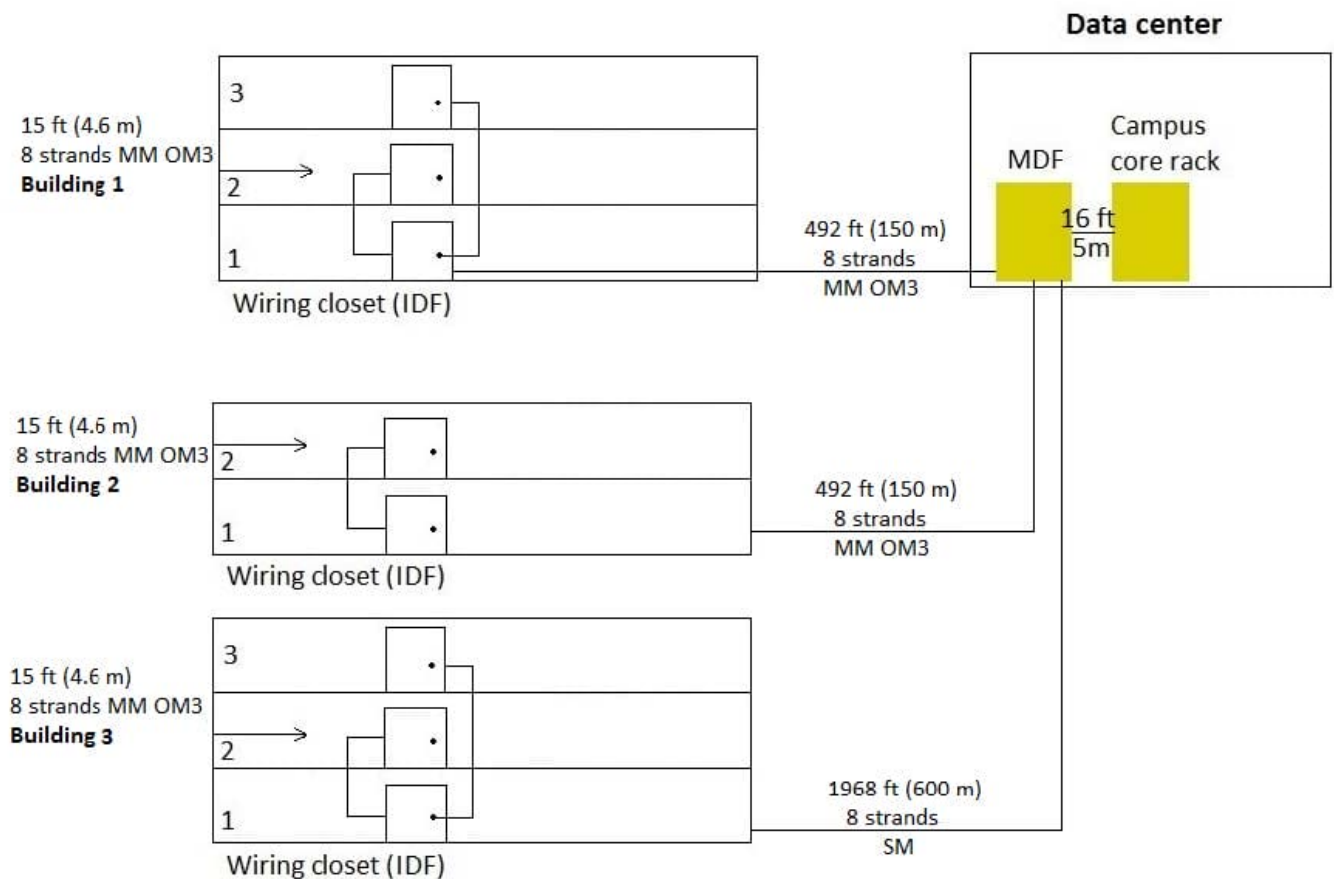
Which solution should the architect recommend for each remote site?

A. Instant APs (IAPs) with CPSec control channels to Aruba Central

B. Campus APs (CAPs) with CPSec control channels to a main office MC

C. Remote APs (RAPs) with IPsec tunnels to a main office MC

D. Campus APs (CAPs) with a local MC that has an SD-WAN license

Correct Answer: C

QUESTION 2

Refer to the exhibit.

An architect needs to design the topology for a new wired network at a campus with three buildings. The exhibit above shows the cabling layout. The customer requires link redundancy at all layers, up to one switch-to-switch link can fail without an effect on client connectivity. The architect has determined that the closet of each floor should have three Aruba 2930M switches, and the core will use Aruba 5406 switches. The aggregation layer, if used, will use Aruba 3810M switches. However, the customer prefers the elimination of the aggregation layer and has asked the architect to advise the impact of the elimination of this layer.

Where would the elimination of the aggregation layer require rewriting?

A. All of the buildings

B. Building 1 and Building 2 only

C. Building 1 and Building 3 only

D. Building 3 only

Correct Answer: C

QUESTION 3

Refer to the exhibit.

Line#	Part Number	Description	Manufacturer	Unit Price	Quantity	Total	Price List
1.00	JX918A	Aruba AirWave DL360 Professional Edition Hardware Applia	Hewlett Packard Enter...	$37,995.00	2	$75,990.00	USA Price List (USD)
1.01	H5ASSE	Aruba 1Y-FC NBO Exch AW DL360 PRO SVC [for JX918A]	Hewlett Packard Enter...	$7,524.00	2	$15,048.00	USA Price List (USD)
2.00	JW546AAE	Aruba LOC-AW Aruba Airwave with RAPIDS and VisualRF 1...	Hewlett Packard Enter...	$75.00	1000	$75,000.00	USA Price List (USD)
2.01	H2YV3E	Aruba 1Y FC 24x7 Airwave 1 Dev E-LTU SVC [for JW546A]	Hewlett Packard Enter...	$12.00	1000	$12,000.00	USA Price List (USD)
		Quote Total				$178,038	

A customer needs an AirWave solution that can manage 1000 devices. The customer wants a hardware

solution and active/standby redundancy for the solution.

The exhibit shows the BOM that the architect has created.

Which corrections should the architect make?

A. Change the active appliance to an Enterprise appliance.

B. Add 1000 additional AirWave managed device licenses.

C. Change both of the appliances to Enterprise appliance.

D. Add a failover license for 1000 managed devices.

Correct Answer: C

QUESTION 4

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.

Which plan for authentication meets the customer needs?

A. Employee SSID = WPA2-802.1X, Guest SSID = WPA2-PSK, Wired edge ports = No authentication

B. Employee SSID = WPA2-802.1X, Guest SSID = Captive portal, Wired edge ports = No authentication

C. Employee SSID = WPA2-802.1X, Guest SSID = Captive portal, Wired edge ports = 802.1X + MAC-Auth

D. Employee SSID = WPA2-PSK, Guest SSID = MAC-Auth, Wired edge ports = MAC-Auth

Correct Answer: B

QUESTION 5

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