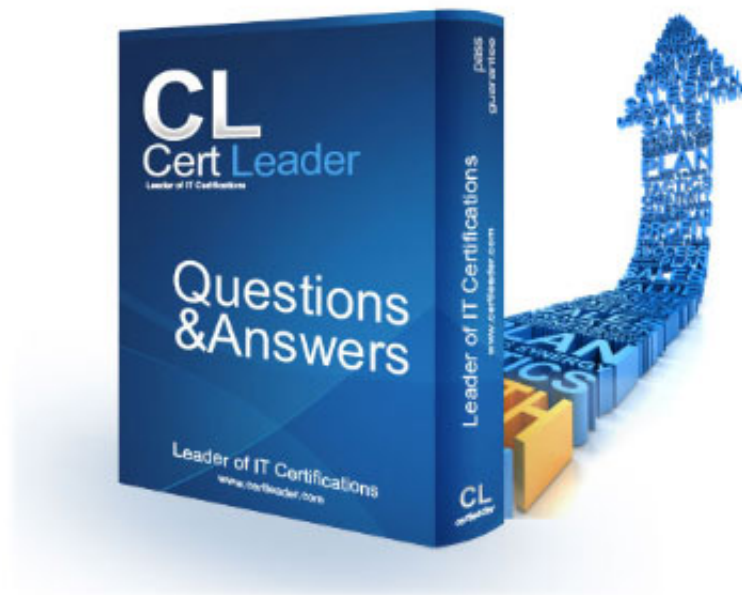


# HPE6-A47 Dumps

## Designing Aruba Solutions

<https://www.certleader.com/HPE6-A47-dumps.html>



#### NEW QUESTION 1

A financial institution has an Aruba wireless system. Each floor is 19 meters by 23 meters (200 feet by 250 feet) and has 20 APs. The organization now requires dedicated Air Monitors (AMs). About how many AMs should the architect recommend per floor?

- A. about 1 or 2 per floor
- B. about 3 to 5 per floor
- C. about 10 to 12 per floor
- D. about 16 to 20 per floor

**Answer: A**

#### NEW QUESTION 2

An architect proposes Aruba 2930F switches, which do not have OOBM ports. The customer wants to follow best practices for network management security. Which guideline can the architect follow?

- A. Assign access layer switches IP addresses on a VLAN that is dedicated for switch management.
- B. Ensure that DHCP is enabled on only the switch Default VLAN.
- C. Ensure that Telnet is enabled and set to listen on production VLANs.
- D. Assign switches static IP addresses on the same VLAN on which APs are deployed.

**Answer: C**

#### NEW QUESTION 3

A customer currently has an Instant AP deployment. Which customer requirement would indicate that the customer needs to add a controller to the deployment?

- A. the requirement to apply role-based firewall policies
- B. the requirement for a captive portal for guests
- C. the requirement to provide client-to-site VPN access for remote users
- D. the requirement for a cloud-based management solution

**Answer: D**

#### NEW QUESTION 4

Refer to the exhibit.

Exhibit 1 shows the logical plan, and Exhibit 2 shows the BOM created with IRIS. An architect plans to propose two 5406Rzl switches as a VSF fabric for a campus network core. Which issue with the plan should the architect correct?

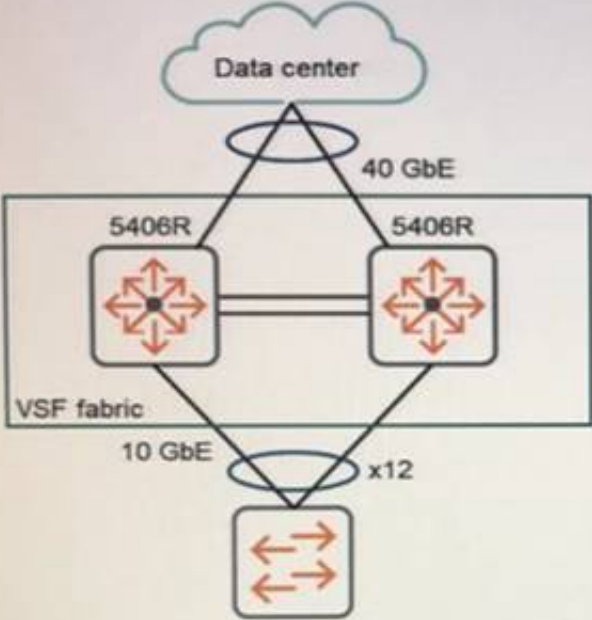


Exhibit 2

Line#	Part Number	Description	Manufacturer	Unit Price	Quantity	Total	Price List
1.00	J9821A	Aruba 5406R zl2 Switch	Hewlett Packard Enter...	\$2,419.00	2	\$4,838.00	USA Price List (USD)
1.01	H1MT0E	HPE 3Y FC 24x7 Aruba 5406R zl2 Switc SVC [for J9821A]	Hewlett Packard Enter...	\$4,094.00	2	\$8,188.00	USA Price List (USD)
1.02	U4832E	HPE Networks 54xx/82xx zl Startup SVC [for J9821A]	Hewlett Packard Enter...	\$2,325.00	2	\$4,650.00	USA Price List (USD)
1.03	J9828A	Aruba 5400R 700W PoE+ zl2 PSU	Hewlett Packard Enter...	\$799.00	2	\$1,598.00	USA Price List (USD)
1.04	J9828A	ABA INCLUDED: Power Cord - U.S. localization	Hewlett Packard Enter...	incl.	2		
1.05	J9996A	Aruba 2p 40GbE QSFP+ v3 zl2 Mod	Hewlett Packard Enter...	\$6,799.00	4	\$27,196.00	USA Price List (USD)
1.06	J9538A	HPE 8-port 10GbE SFP+ v2 zl Module	Hewlett Packard Enter...	\$4,799.00	4	\$19,196.00	USA Price List (USD)
2.00	JH234A	HPE X242 40G QSFP+ to QSFP+ 1m DAC Cable	Hewlett Packard Enter...	\$419.00	2	\$838.00	USA Price List (USD)
<b>Quote Total</b>						<b>\$66,504.00</b>	

- A. Add two QSFP+ MP0 SR4 transceivers.
- B. Change the v2 modules to v3 modules.
- C. Add stacking modules and cables.
- D. Change the power supply type.

**Answer: B**

#### NEW QUESTION 5

A plan includes these security settings for the employee WLAN:

\* WPA2-Enterprise with AES encryption

\* 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.

**Answer:** D

#### NEW QUESTION 6

An architect needs to deliver an upgrade to an 802.11ac-based solution for a customer. The customer requires an active site survey for the new deployment. Which deliverable should the architect provide to the customer?

- A. a heat map with proposed AP locations and actual tested coverage
- B. a heat map with existing AP locations and actual tested coverage
- C. a heat map with sources of RF interference, both 802.11 and non-802.11
- D. the heat map with proposed AP locations and predictive coverage

**Answer:** C

#### NEW QUESTION 7

An architect needs to plan an 802.11ac wireless upgrade for a university building. What is one reason that it is important for the architect to identify auditoriums?

- A. Auditoriums typically require a high-density AP design for RF coverage.
- B. Users in Auditoriums often have Bluetooth devices, which can be a source of interference in the 5 GHz band.
- C. Auditoriums typically require the use of 80 MHz channels to meet bandwidth requirements.
- D. Auditoriums often require the use of DFS channels for sufficient 20 MHz channels.

**Answer:** D

#### NEW QUESTION 8

Which benefit does Aruba AirWare Clarity provide to customer IT staff?

- A. assesses times for clients to obtain DHCP and DNS services to help staff diagnose non-WiFi related issues
- B. create a heat map of RF coverage, shows places with interference, and helps staff pinpoint the interference source
- C. provides insight into the security posture of clients connected to the network, whether wired or wireless
- D. maps all network devices, including APs, MCs, switches, and client devices, and provides information about each node

**Answer:** A

#### NEW QUESTION 9

A customer requires high availability for wireless services, including stateful failover for user connections if the Mobility Controller (MC) that handles the user traffic fails. What is the requirement for the design?

- A. MCs are deployed in a cluster, and they are on the same VLAN
- B. MCs are distributed across each VLAN on which APs are deployed and have VRRP enabled.
- C. MCs have a standby master IP address assigned to them.
- D. MCs have enough licenses to support the APs for which they are active and standby MC.

**Answer:** B

#### NEW 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 identity 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

**Answer:** CE

#### NEW QUESTION 10

An architect plans where to deploy new Aruba 320 Series APs at a customer site. The architect plans for the APs to be installed on the ceiling where power is inaccessible. The Ethernet cable run to these locations is CAT6, and the customer wants to support at least 1 GbE connectivity. The architect plans to connect each AP with one Ethernet port to a switch in a nearby wiring closet. Which feature does the switch need to support for this deployment?

- A. PoE+
- B. LACP
- C. Port channel
- D. Smart Rate

**Answer:** A

**NEW QUESTION 12**

An RF plan specifies wide sector directional antennas. Refer to the antenna specifications.

H- plane refers to the Azimuth or Horizontal plane and E-plane refers to Elevation or Vertical plane. Antenna 1: H-plane = 360; E-plane = 120

Antenna 2: H-plane = 360; E-plane = 60

Antenna 3: H-plane = 100; E-plane = 90

Antenna 4: H-plane = 60; E-plane = 60

Which antenna specifications indicate that the antenna is a good choice for the plan?

- A. Antenna 1
- B. Antenna 2
- C. Antenna 3
- D. Antenna 4

**Answer: B**

**NEW QUESTION 17**

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.

**Answer: B**

**NEW QUESTION 19**

A customer has a small office building that needs approximately 32 APs. The solution must support basic rogue AP detection and provide a stateful firewall with role-based policies. The customer would like the simplest, most cost-effective deployment that meets their needs.

What should the architect recommend?

- A. Aruba remote APs
- B. Aruba campus APs and a Virtual Mobility Controller
- C. Aruba Instant APs
- D. Aruba campus APs and an Aruba 7005 Mobility Controller

**Answer: D**

**NEW QUESTION 21**

An architect proposes the following Aruba solutions:

- ▶ Two Virtual Mobility Masters (VMMs)
- ▶ Six 7030 Mobility Controllers (MCs)
- ▶ 300 APs

In addition to any necessary AP, PEF, and RFP licenses, which license package should the architect propose?

- A. six LIC-MM-VA-50
- B. one LIC-MC-VA-250 and one LIC-MC-VA-50; one LIC-MM-VA-500
- C. one LIC-MM-VA-500
- D. one LIC-MC-VA-250 and one LIC-MC-VA-50; six LIC-MM-VA-500

**Answer: C**

**NEW QUESTION 23**

A customer requires a wireless upgrade. The architect proposes:

- ▶ Aruba AP-325s
- ▶ Mobility Controller (MC) 7210s
- ▶ Virtual Mobility Masters (MMs)
- ▶ ClearPass
- ▶ AirWave

The customer is interested in wired authentication, as well as wireless authentication, but does not have the budget to upgrade the wired network. The wired network does not currently support 802.1X or RADIUS.

Which feature of the Aruba solution should the architect explain to justify the proposed solution?

- A. The customer can direct all wired traffic through the MCs, which will then apply security to that traffic.
- B. The customer can direct all wired traffic through the MMs, which will impose basic security checks.
- C. ClearPass OnConnect can enable wired authentication on these switches through the use of SNMP.
- D. AirWave can manage these switches and shut down their ports if an unknown user or device connects.

**Answer: C**

**NEW QUESTION 25**

A customer requires APs that meet these minimal criteria:

- ▶ Support for MU-MIMO
- ▶ Support for up to four spatial streams, both when MU-MIMO is used and when it is not used

Support for transmissions to up to three MU-MIMO clients at the same time

The architect finds these specifications for the two models under consideration:

AP-335 = 4x4:4:4:4:3

AP-325 = 4x4:4:4:3:3

What should the architect determine from these specifications?

- A. The AP 335 and the AP 325 do not meet the customer requirements, so consider a different model.
- B. The AP 325 meets the customer requirements, but the AP 335 does not.
- C. Either the AP 335 or the AP 325 meet the customer requirements.
- D. The AP 335 meets the customer requirements, but the AP 325 does not.

**Answer: C**

#### NEW QUESTION 28

A customer needs a wired network solution that can recognize and prioritize a wide array of different types of traffic, including casual Web browsing, voice, video, SAP Online, and file sharing.

The architect needs to choose between the Aruba 2930F or the 2540 Switch Series for the access layer switch. Why would the architect choose the 2930F rather than the 2540 Switch Series for this customer?

- A. The 2930F Series supports LLDP-MED for detecting VoIP traffic, while the 2540 Series does not.
- B. The 2930F Series supports advancing routing, including multi-area OSPF, while the 2540 Series does not.
- C. The 2930F Series supports more options for class-based QoS policies than the 2540 Series.
- D. The 2930F Series can provide better congestion management with its much deeper buffers.

**Answer: D**

#### NEW QUESTION 33

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

**Answer: D**

#### NEW QUESTION 36

An architect plant to purpose 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

**Answer: D**

#### NEW QUESTION 40

For which scenario should an architect recommend Aruba Central Managed Portal (MSP)?

- A. for a service provider who needs to monitor multi-vendor environments
- B. for an enterprise that needs to manage data center services together with the network
- C. for a service provider who needs to manage multiple customer networks
- D. for an enterprise with many branches that needs to manage services centrally

**Answer: D**

#### NEW QUESTION 43

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