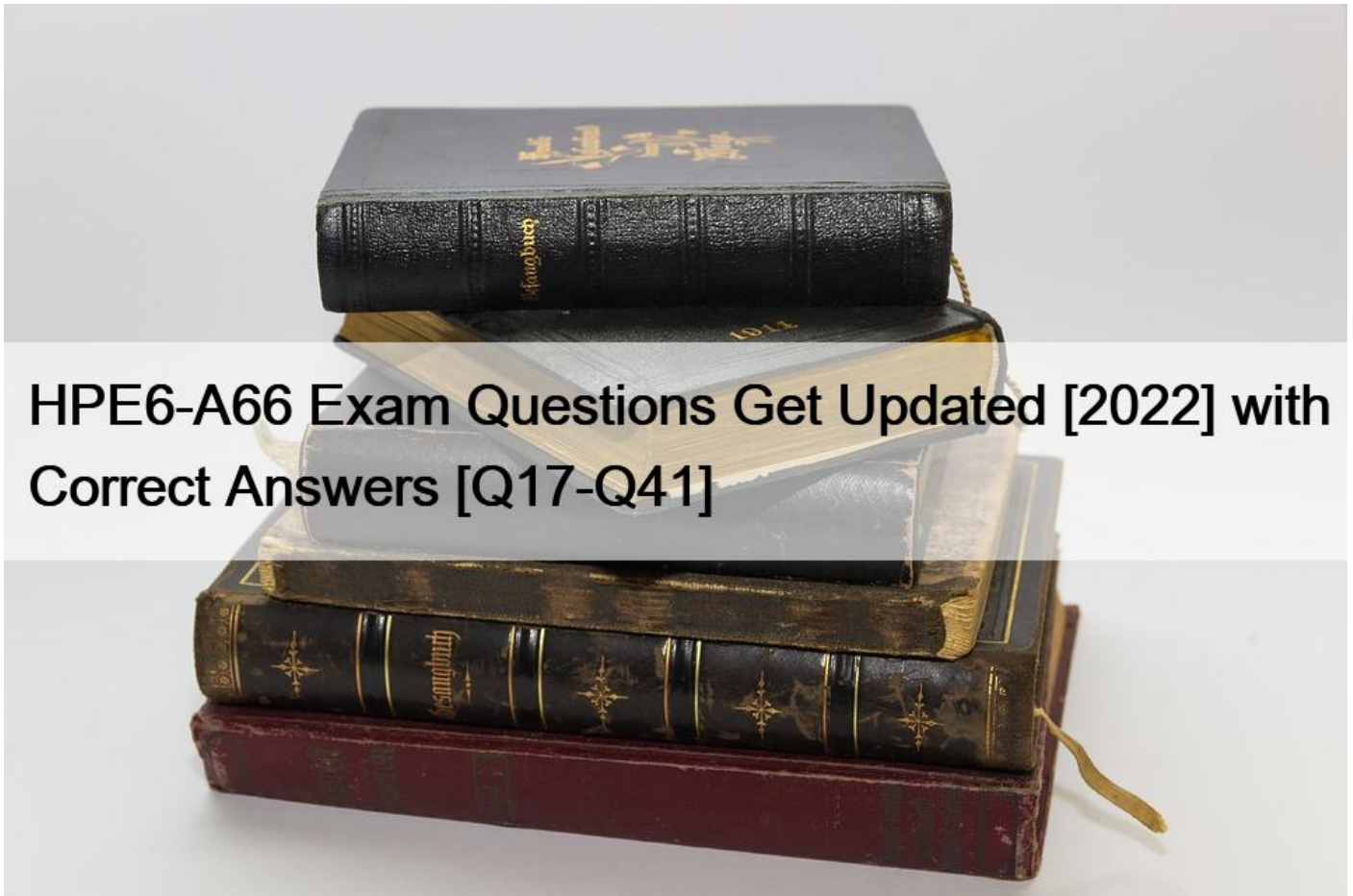


HPE6-A66 Exam Questions Get Updated [2022 with Correct Answers [Q17-Q41



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Understanding functional and technical aspects of Gather and analyze data, and document customer requirements

The following will be asked from you in the **HP HPE6-A66 exam dumps pdf**:

- Given an outline of a customer's needs for a simple campus environment determine the information required to create a solution **NEW QUESTION 17**

When a WLAN has to support nomadic devices, a network architect must primarily plan for which component in their design?

- * type of users
- * number of users per location
- * mobility requirements and usage
- * density of users

NEW QUESTION 18

A high-end theater venue will be implementing an Aruba wireless solution using ceiling- and wall-mounted APs. The venue wants

to ensure the the APs blend into the ceiling and wall environments. What solution should the customer use to ensure that wireless coverage is not hampered?

- * Place the APs above the ceiling and behind the walls
- * Place a strip of tape over the LEDs
- * Order Aruba AP covers for the APs
- * Paint the APs to match the ceilings or walls

NEW QUESTION 19

A network architect is redesigning the access layer in a data center for a customer. The access layer requires fixed-port switches that support VSF and data center features like L2 VXLAN and REST-API Which switching solution should the network architect recommend?

- * 8400
- * 3810M
- * 2930F
- * 6300

NEW QUESTION 20

A network architect is replacing an old wireless implementation based on 802.11a with a new wireless solution. The company has a lot of money invested in legacy wireless barcode scanners and will not be replacing them. However, the bandwidth that the company expects each AP to have less than 700 Mbps in bandwidth, and this is not expected to change in the future.

Which wireless solution would best meet this company's needs and be the most cost-effective?

- * 802.11n
- * 802.11ax
- * 802.11g
- * 802.11ac

NEW QUESTION 21

NewRocket requires a wireless capacity design 30 Aruba 510 APs will be connected to each wiring closet using SmartRate connections. Wireless coverage needs to be provided even if a POE+ switch loses power Because of security concerns, wired video cameras were recently installed throughout the facility. There are 12 of these per floor. 6 per wiring closet. The cameras are 802.11n WiFi capable and have power injectors from which to draw power.

Based on the POE+ needs of the mentioned devices, which solution would meet the POE+ requirements while still providing a redundant and cost-effective Wi-Fi solution for the devices that require POE+ for Building 1, Floor 2?

- * One 3810M 40G 8 HPE Smart Rate switch
- * Two 2930F 24-port POE+ switches
- * Two 2930M 24-port POE+ switches
- * One 2930M 48-port POE+ switch

NEW QUESTION 22

A wiring closet with a POE+ switch is 250 feet (76 meters) away from an AP on a building floor. The AP's smart-rate port is connected to a smart-rate port on the switch, which is capable of 10 Gbps. The cable type is Cat5e STP. What is the maximum speed that the customer can expect from the connected AP?

- * 2.5 Gbps
- * 1 Gbps

- * 5 Gbps
- * 10 Gbps

NEW QUESTION 23

A network architect is doing a site survey for a new wireless design. One concern the company has with the old wireless network is coverage. In some cases, APs would lose power and some employees in the network would lose wireless connectivity. The new design needs to prevent this issue from occurring. During the site survey, what are best practices to be followed in regards to the dBm signal level and the power of the AP to ensure adequate wireless coverage and minimal overlap of AP signals for the new design?

- * AP power at 75% and a measurement of -90 dBm on the measuring device
- * AP power at 100% and a measurement of -65 dBm on the measuring device
- * AP power at 75% and a measurement of -80 dBm on the measuring device
- * AP power at 50% and a measurement of -65 dBm on the measuring device

NEW QUESTION 24

A network architect is designing a wireless solution for a company that is leasing one floor in a multi-floor building in a downtown area. The customer is concerned about ensuring complete Wi-Fi coverage and pin-pointing RF hazards. What type of survey should the network architect perform?

- * Active
- * Virtual
- * Passive
- * Spectrum clearing

NEW QUESTION 25

A company has chosen an Aruba mobility controller solution for the redesign of their wireless network. The design will have two 7205 controllers in a cluster for campus employees and a single VMC-50 virtual controller for remote access via a DMZ. A Mobility Master (MM) is used for centralized license and controller management. All controllers will minimally run ArubaOS 8.4 or later. Currently the company has 1,000 employees. There are 30 branch offices that will use RAPs to connect to the DMZ controller. A peak of 100 users concurrently using the VIA client will also connect to the DMZ controller.

How many Aruba LIC-VIA licenses does the company need to purchase for this solution?

- * 100
- * 1
- * 1,030
- * 130

NEW QUESTION 26

A customer has a need to track traffic patterns and anomalies on a pair of ArubaOS-CX 8400 series switches. Which technology will the customer need to deploy for these switches?

- * Mobility First
- * NetEdit
- * Network Analysis Engine
- * 2 ClearPass

NEW QUESTION 27

A customer currently has sets of three Aruba 5406R switches deployed for an access layer in multiple wiring closets in a building. They are clustered in a VSF domain. The customer wants to set up Multiple Active Detection (MAD) for the OOBM port, as well as use this port for remote management access. To simplify the connectivity, the customer wants to connect these three switches' OOBM ports to a separate switch in the wiring closet for the OOBM connectivity.

Which would be the most cost-effective solution that would meet the customer's requirements?

- * 2530
- * 5406R
- * 2930F
- * 2930M

NEW QUESTION 28

A network architect is designing a new Wi-Fi solution for a small university. The solution will involve two mobility controllers that will be clustered at the campus core. Because students use a lot of video in both the dormitory rooms and in the classrooms, the solution will need to support 50Gbps via link aggregation between the controllers and core switches.

Which solution would most cost-effectively meet this requirement for the campus core?

- * Aruba 7220 mobility controllers and 3810M switches
- * Aruba 7210 mobility controllers and 5406R switches
- * Aruba 7240XM mobility controllers and 3810M switches
- * Aruba 7280 mobility controllers and 5406R switches

NEW QUESTION 29

Which IRIS option will automatically create a project with a blank preconfigured Site-1 ?

- * New Campus
- * New Express Mode
- * New Project
- * New Site

NEW QUESTION 30

A network architect is designing a new wired and wireless solution for a company. The company has two buildings on a campus, which each building has three floors. The campus core will be placed in the basement of Building 1. Each wiring closet has eight strands of multi-mode OM3 grade fiber that connect to a wiring closet of the first floor of the building it is contained, referred to as a main distribution frame (MDF). The maximum distance between a floor's wiring closet and the MDF is 100 feet (30 meters). The maximum distance between the two MDFs and the campus core is no more than 150 feet (45 meters). There are eight strands of multi-mode OM3 grade fiber from these two MDF closets to the campus core.

Based on this information, which type of design should be used and what is the maximum speeds supported all uplinks for the existing the multi-mode fiber?

- * three-tier and 10 Gbps
- * three-tier and 40 Gbps
- * two-tier and 10 Gbps
- * two-tier and 40 Gbps

NEW QUESTION 31

A network architect is redesigning a wireless network. The architect begins by analyzing the number of spatial streams supported by

APs of various vendors as well as the wireless devices currently in the network, if the company wants to ensure that new wireless design, including user wireless devices, support Multi-User MIMO (MU-MIMO). which standard or standards must the wireless products support?

- * Only 802.11ax and 8011.ac
- * Only 802.11ax
- * Only 802.11ax,802.11ac, and 802.11n
- * Only 802.11ax,802.11ac, 802.11n, and 802.11a

NEW QUESTION 32

A network architect plans to use two ArubaOS 5406 switches in a wiring closet configured in a VSF domain The VSF link requires a 40 Gbps connection Which SFP+ transceiver solutions would meet this requirement?

- * QSFP+ LC
- * SFP
- * SmartRate
- * QSFP28

NEW QUESTION 33

Which component uniquely defines the BSSID when implementing an employee SSID?

- * Case-sensitive SSID name
- * Radio MAC address
- * Wireless device MAC address
- * Case-insensitive SSID name

NEW QUESTION 34

A company has hired a network architect to replace an existing legacy wireless and wired network The building is one-story and contains four wiring closets Based on the information the network architect gathered from the company, one 48-port POE+ switch and three 48-port non-POE+ switches will be placed in each wiring closet. One stacking domain should be created for each wiring closet that supports 40 Gbps uplinks.

Which stacking solution should the architect implement for the floor that meets the requirements and is the most cost-effective?

- * VSX
- * VSF
- * Backplane stacking
- * Distributed trunking

NEW QUESTION 35

A network architect is designing a new Wi-Fi solution for a customer The customer currently occupies a one-story building on a small campus. In one part of the building there is an auditorium, where the ceiling height and attenuation is different from the rest of the building. What should the network architect create in VisualRF to identify this difference when planning :ne APs?

- * Define the appropriate properties in the Network View
- * Create a Region in the Floorplan View
- * Split the Building View into two Floorplan Views
- * Define the appropriate properties in the Building View

NEW QUESTION 36

A customer requires a campus core virtualization solution that supports a dual control and management planes, as well as active-active forwarding paths. Which solution would meet the customer's requirements?

- * Mesh stacking
- * VSX
- * Backplane stacking
- * VSF

NEW QUESTION 37

A company is redesigning their wireless network and will be upgrading all devices to support the latest wireless standards. The company is not near any radar installations. In order to keep wireless NIC power levels as low as possible to reduce interference issues and to take advantage of radar frequency ranges, what IEEE standard should APs support?

- * 802.11r
- * 802.11 ax
- * S02.11V
- * S02.11h

NEW QUESTION 38

A network architect is designing a new wireless solution for a company. The company needs seamless roaming and client and AP active load balancing. The company also requires an Aruba Mobility Master (MM) to manage the wireless infrastructure. Which Aruba feature does the architect need to include in the design?

- * Clustering
- * AirMatch
- * Client Match
- * IAP VC

NEW QUESTION 39

A network architect wants to estimate the number of Aruba APs that will be needed for a new wireless design and determine the wireless coverage using VisualRF. The company requires a high-density design. The building has 200,000 square feet. How many APs should the network architect add to VisualRF in order to perform the coverage analysis?

- * 40
- * 80
- * 60
- * 100

NEW QUESTION 40

Which AP mode allows an AP to operate autonomously?

- * IAP
- * AM
- * RAP
- * OCAP

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