Huawei

H21-211

Huawei Certified Specialist Associate-Presales-SME Network (Distribution)

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Product Version

1. Up to Date products, reliable and verified.
2. Questions and Answers in PDF Format.



Latest Version: 6.0

Question: 1

A co-working space is upgrading to Wi-Fi 6 access points whose uplinks run at 2.5 Gbit/s, and the operator wants the access switch to deliver that rate to each AP over the existing copper cabling. The current switch has only GE copper ports.
Which S220S and S310S datasheet selling point answers this requirement?

A. GE/2.5GE/10GE multi-rate optical uplink ports
B. Perpetual PoE for APs during switch restarts
C. GE/2.5GE multi-rate electrical access ports
D. DHCP snooping with a trusted server port

Answer: C

Question: 2

A small accounting office has two broadband lines from different providers and wants its gateway to use both at once. Its wired PCs and printer total six devices, and its two APs are already powered by an existing PoE switch that also needs a gateway port.
Which gateway fits these requirements?

A. S380-L4T1T with 1 x GE WAN and 4 x GE LAN
B. S380-S8T2T with 2 x GE WAN and 8 x GE LAN
C. S380-L4P1T with 1 x GE WAN and 4 x GE PoE+ LAN
D. AR303 with 1 x GE combo WAN and 4 x GE LAN

Answer: B

Question: 3

A mid-sized hotel will manage its APs from an AC650. The owner wants two things from the controller itself: guests should log in through a portal page without the hotel buying a separate authentication server, and a single controller failure must not take the Wi-Fi down.
Which two AC650 capabilities meet these requirements?
(Choose two.)

A. A built-in Portal server and AAA server on the controller
B. PPPoE dial-up and NAT for the hotel broadband line
C. Perpetual PoE that keeps APs powered during restarts

D. WAC 1+1 hot standby and N+1 backup

Answer: A,D

Question: 4

A building security integrator is connecting camera switches in four buildings of an industrial park. The fiber runs form a closed ring, the customer has chosen budget Layer 2 S220S switches, and the specification demands millisecond-level protection switching if any fiber segment is cut.
Which S220S capability should the presales engineer build the proposal around?

A. Link aggregation of parallel links between two adjacent switches
B. ERPS ring protection based on ITU-T G.8032
C. VRRP gateway redundancy between two Layer 3 devices
D. Stacking of the four switches into one logical device

Answer: B

Question: 5

A two-floor college library is installing S310 access switches, one per floor. Each access switch is cabled to two separate upstream switches in the server room, and the customer wants one uplink active and the other on standby so traffic moves over quickly if the active link fails. There is no ring between the floors.
Which feature should the presales engineer propose for this uplink design?

A. Smart Link, with one link forwarding and the other blocked until needed
B. ERPS, giving millisecond protection switching on a ring
C. Link aggregation, bundling the two uplinks into one channel
D. VRRP, sharing a virtual gateway address between a master and a backup router

Answer: A

Question: 6

A law firm with three practice groups wants each employee to authenticate when plugging in at any desk. After authentication, the switch must place the user in the correct VLAN and apply that group's ACL automatically, so staff can hot-desk without the IT contractor reconfiguring ports.
Which eKitEngine switch series fits this requirement?

A. S310S series, with AAA authentication plus static routing and policy-based routing
B. S220S series, with AAA authentication plus DHCP snooping and port isolation

C. S110 series, with plug-and-play access ports and PoE+ models for desk phones
D. S310 series, with 802.1X and MAC authentication plus dynamic VLAN and ACL delivery

Answer: D

Question: 7

Staff at a home-furnishing store use Wi-Fi voice handsets and handheld scanners while walking the sales floor. Coverage tests show strong signal throughout, and calls break up only at the moment a handset passes from one AP's area into the next. The store does not want to add APs.
Which pair of AP functions targets this problem?

A. 802.11k/v smart roaming with 802.11r fast roaming
B. High Density Boost combined with 5G-prior band steering
C. Smart antennas combined with automatic radio calibration of channels
D. OFDMA with 1024-QAM modulation

Answer: A

Question: 8

A partner's junior engineer drafts a quote for a café chain. The owner's main requirement is to see every store's switch status and receive alarms in the HUAWEI eKit App at head office. To cut cost, the draft uses an S110 PoE switch in each store.
What is the problem with the draft?

A. The S110 needs a separate wireless access controller before it can forward traffic
B. The S110 has no PoE models, so it cannot power the access points in each store
C. The S110 is unmanaged, so it offers nothing for a cloud platform to monitor
D. The S110 supports only optical ports, so the copper devices in a store cannot connect

Answer: C

Question: 9

A distribution partner is preparing a portfolio briefing for a reseller that serves both small shops and growing multi-building SME campuses. The briefing groups eKitEngine switches under the labels Huawei uses in its Scenario-based Products Manual, from unmanaged models up to the top of the range.
Which eKitEngine switch series does the manual label as Enhanced Layer 3 Switches?

A. eKitEngine S500 series, such as the S530
B. eKitEngine S310 series, such as the S310-24P4X

C. eKitEngine S220 series, such as the S220-24P4X
D. eKitEngine S600 series, such as the S620 with 25GE and 100GE ports

Answer: D

Question: 10

An upmarket fashion boutique wants one indoor ceiling AP for its open sales floor. The owner wants an AP that looks unobtrusive against a designer interior, and asks for 160 MHz channel support so that new Wi-Fi 6 devices can reach the highest single-AP rates.
Which AP meets both stated requirements?

A. AP361, a compact dual-band Wi-Fi 6 settled AP
B. AP362E, a round dual-band Wi-Fi 6 settled AP
C. AP761, an IP68 Wi-Fi 6 outdoor AP
D. AP160, an ultra-thin Wi-Fi 6 wall plate AP

Answer: B

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