

# Huawei.H19-301\_V3.0.v2025-12-08.q169

<b>Exam Code:</b>	H19-301_V3.0
<b>Exam Name:</b>	HCSA-Presales-IP Network Certification V3.0
<b>Certification Provider:</b>	Huawei
<b>Free Question Number:</b>	169
<b>Version:</b>	v2025-12-08
<b># of views:</b>	105
<b># of Questions views:</b>	1690
<a href="https://www.exam-tests.com/H19-301_V3.0-exam/Huawei.H19-301_V3.0.v2025-12-08.q169.html">https://www.exam-tests.com/H19-301_V3.0-exam/Huawei.H19-301_V3.0.v2025-12-08.q169.html</a>	

## NEW QUESTION: 1

Which of the following campus network challenges are enterprises facing as they move towards the all-cloud era? (Select All that Apply)

- A. Difficult network scaling
- B. Cloud outpacing network
- C. Wi-Fi discontinuous networking
- D. Slow fault locating
- E. Cross-domain fragile infrastructure

**Answer: A,B,C,D,E (LEAVE A REPLY)**

Challenges in Campus Networks During the All-Cloud Era:

As enterprises transition to cloud-based architectures, campus networks face several challenges due to increased complexity, scalability demands, and integration with cloud services.

Explanation of Each Challenge:

**Difficult network scaling:**As businesses grow, scaling traditional campus networks to meet increasing demands becomes challenging without proper automation and flexibility.

**Cloud outpacing network:**The rapid adoption of cloud services often surpasses the ability of traditional networks to adapt, leading to performance bottlenecks.

**Wi-Fi discontinuous networking:**Ensuring seamless Wi-Fi coverage and connectivity across large campuses is a significant challenge, especially in environments with high user density.

**Slow fault locating:**Traditional networks lack advanced tools for real-time monitoring and troubleshooting, resulting in delays in identifying and resolving issues.

**Cross-domain fragile infrastructure:**Managing multiple domains (e.g., wired, wireless, and cloud) introduces complexity and increases the risk of failures if not properly integrated.

Conclusion: All the listed challenges are valid and commonly faced by enterprises moving toward the all-cloud era.

References:

HCSA-Presales-IP Network V3.0 Training Material, Chapter 8: Campus Network Challenges.

Huawei CloudCampus Solution Brochure.

### NEW QUESTION: 2

CE6810U and CE5855EI can both support TRILL.

A. FALSE

B. TRUE

Answer: ([SHOW ANSWER](#))

### NEW QUESTION: 3

Which models have fixed voice ports? (Choose all that apply.)

A. AR161G-L

B. AR651C

C. AR129CGVW-L

D. AR129CV

Answer: ([SHOW ANSWER](#))

### NEW QUESTION: 4

Which of the following statements is FALSE about RR in Huawei's SD-WAN solution?

A. It can implement communication between SD-WAN networks and legacy MPLS networks.

B. It can be deployed on a physical AR router or software AR1000V vCPE.

C. It can be deployed independently or co-deployed with the CPE at a site.

D. It distributes VPN routes and tunnel information between CPEs based on VPN topology policies.

Answer: A ([LEAVE A REPLY](#))

Understanding the Role of RR (Route Reflector):

In Huawei's SD-WAN solution, the Route Reflector (RR) plays a critical role in distributing routing information and ensuring efficient communication between CPEs (Customer Premises Equipment).

Analysis of Each Statement:

Option A: This is FALSE. The RR in Huawei's SD-WAN solution does not directly implement communication between SD-WAN networks and legacy MPLS networks. Instead, it focuses on distributing VPN routes and tunnel information within the SD-WAN overlay network.

Communication with legacy MPLS networks typically requires additional integration mechanisms.

Option B: This is correct. The RR can be deployed on a physical AR router or as a virtualized instance (AR1000V vCPE).

Option C: This is correct. The RR can be deployed independently or co-located with a CPE at a site, depending on the network design.

Option D: This is correct. The RR distributes VPN routes and tunnel information between CPEs based on predefined VPN topology policies.

Conclusion: The FALSE statement is Option A.

References:

HCSA-Presales-IP Network V3.0 Training Material, Chapter 9: SD-WAN Solutions.

Huawei SD-WAN Solution Documentation.

### **NEW QUESTION: 5**

How many types of applications can Huawei SD-WAN Application Identification Technology Center use to identify SA signature databases?

- A. 8000+
- B. 6000+
- C. 2000+
- D. 4000+

**Answer: B (LEAVE A REPLY)**

### **NEW QUESTION: 6**

At a train traveling speed of 160km/h, Huawei's rail transit Wi-Fi6 train-to-ground backhaul solution can achieve ().

- A. The wireless backhaul bandwidth between the vehicle and the ground is >600Mbps, and the handover delay is <30ms.
- B. The wireless backhaul bandwidth between the vehicle and the ground is >300Mbps, and the handover delay is <30ms.
- C. The wireless backhaul bandwidth between the vehicle and the ground is >300Mbps, and the handover delay is <50ms.
- D. The wireless backhaul bandwidth between the vehicle and the ground is >600Mbps, and the handover delay is <50ms

**Answer: C (LEAVE A REPLY)**

### **NEW QUESTION: 7**

Which of the following parts does the business network in the typical networking architecture of civil aviation scenarios mainly include? (Multiple choice)

- A. Information Basic Network
- B. Converged network
- C. Security network
- D. Integrated Service Network
- E. Departure Network

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 8**

Which of the following features is included in the basic feature package of the software sold externally by the NE8000?

- A. FlexEth
- B. Maces.
- C. SR-V6
- D. IPsec.

**Answer: C ([LEAVE A REPLY](#))**

**NEW QUESTION: 9**

An IPv6 address is expressed indotted decimal notation, and an IPv4 address is expressed incolon hexadecimal notation.

- A. TRUE
- B. FALSE

**Answer: ([SHOW ANSWER](#))**

IPv4 addresses are written indotted decimal notation(e.g., 192.168.1.1).

IPv6 addresses use colon-separated hexadecimal notation(e.g., 2001:db8::1).

The statement in the question is incorrect because IPv6 does NOT use dotted decimal notation; only IPv4 does.

IPv4 is 32-bit, while IPv6 is 128-bit, allowing for a much larger address space.

#Reference:HCSA-Presales-IP Network Official Documentation - IPv4 vs. IPv6 Addressing

**NEW QUESTION: 10**

Which of the following statements are TRUE about Huawei's audio and video service experience assurance? (Select All that Apply)

- A. According to Huawei lab test data, the delay of voice and video services in congestion scenarios is 56% lower than the industry average.
- B. Heavy-traffic services are automatically suppressed.
- C. Beacon frames can be broadcast to instruct APs to suppress heavy-traffic users.
- D. By default, scheduling is performed based on the priorities in descending order: VI -> VO -> BE -> BK.
- E. By default, scheduling is performed based on the priorities in descending order: VI -> VO -> BK -> BE.

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 11**

In principle, there will be no discounts on resale of business alliance partner products. Special applications will only be made to the original manufacturers when important projects encounter fierce competition.

A. False

B. True

Answer: B ([LEAVE A REPLY](#))

#### NEW QUESTION: 12

Business travel regardless of IP, physical location, and authentication methods. The friend merchants that support this function are?

A. Cisco

B. H3C

C. Ruijie

Answer: A ([LEAVE A REPLY](#))

#### NEW QUESTION: 13

Which method does Huawei's campus network free mobility solution use to achieve a consistent experience across the entire network?

A. IP address-based policy control

B. Terminal-based policy control

C. MAC address-based policy control

D. User-based policy control

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 14

M-LAG2.0 features, supports () technology, and realizes single point failure 100ms switching ().

(Multiple choice)

A. ARP FRR

B. IP FRR

C. MAC FRR

D. ND FRR

Answer: A,C,D ([LEAVE A REPLY](#))

#### NEW QUESTION: 15

Which switch supports downlink optical ports?

A. S2700-26TP-PWR-EI

B. S3700-52P-EI-24S

C. S3700-52P-EI

D. S3700-28TP-SI

Answer: B ([LEAVE A REPLY](#))

#### NEW QUESTION: 16

Which of the following is not a business value of cloud management?

- A. Open ecology and enrich applications
- B. Decentralization of powers and domains
- C. Reduce CAPX
- D. Reduce OPEX

**Answer: B (LEAVE A REPLY)**

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#### **NEW QUESTION: 17**

Huawei CloudEngine 12700E is modular design whose fan modules support hot swapping. Installation or removal of a fan module does not affect other fans.

- A. TRUE
- B. FALSE

**Answer: A (LEAVE A REPLY)**

The Huawei CloudEngine 12700E series switches are designed with modularity and high reliability in mind.

One of their key features is the ability to perform hot swapping of components, including fan modules. Hot swapping allows users to install or remove fan modules without shutting down the switch or affecting the operation of other fan modules. This ensures continuous cooling and minimizes downtime during maintenance.

The statement is therefore TRUE , as it accurately reflects the capabilities of the CloudEngine 12700E series.

References:

\* Huawei CloudEngine 12700E Series Switch Hardware Guide, HCSA-Presales-IP Network Documentation.

#### **NEW QUESTION: 18**

By the end of 2018, the number of Huawei SDN cases reached 650+.

- A. False
- B. True

**Answer: B (LEAVE A REPLY)**

#### **NEW QUESTION: 19**

Which of the following descriptions of CE6857-48S6CQ-EI are correct?

- A. ToR switch with 10GE downlink and 100GE uplink
- B. Switching capacity is 2.16 Tbit/s
- C. Supporting Microsegmentation
- D. Supporting VXLAN and BGP EVPN

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 20**

Which model does S5735-L replace?

- A. S5720HI
- B. S5720EI
- C. S5720LI
- D. S5720ST

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 21**

How many modes of white-label machines in the park? (Multiple choice)

- A. A3: Huawei provides modules and agents develop secondary
- B. A4: Huawei provides chips and agents do the integration.
- C. A2: No logo or model before leaving the factory, the agent will label it by itself, Huawei software + patch
- D. A1: The factory hardware is complete, the agent can replace it by himself, Huawei software + patch

**Answer: B,D (LEAVE A REPLY)**

**NEW QUESTION: 22**

Huawei datacom portfolio comprises "Four Engines" products + Integrated management, control, and analysis platform. Which one is not belong to Huawei datacom "Four Engines"?

- A. CloudEngine
- B. AREngine
- C. NetEngine
- D. AirEngine

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 23**

After data arrives at the physical layer, the digital signals are converted into optical, electrical, or electromagnetic wave signals depending on the physical media.

- A. TRUE
- B. FALSE

**Answer: (SHOW ANSWER)**

The physical layer (Layer 1) of the OSI model is responsible for transmitting raw bitstreams over a physical medium. When data reaches this layer, it is converted into signals compatible with the transmission medium being used. For example:

- \* Optical signals are used in fiber-optic cables.
- \* Electrical signals are used in copper cables (e.g., Ethernet).
- \* Electromagnetic waves are used in wireless communication (e.g., Wi-Fi or radio waves).

This conversion ensures that data can be transmitted efficiently across different types of media. The statement is therefore correct.

References:

- \* HCSA-Presales-IP Network Study Guide, Section: "OSI Model and Physical Layer Functions."
- \* Huawei Transmission Technologies Documentation.

### **NEW QUESTION: 24**

Which of the following does not belong to the triple authentication protection technology for secure access to firewall cameras?

- A. Camera protocol vulnerability
- B. Traffic fingerprint
- C. MAC authentication
- D. Device fingerprint

**Answer: (SHOW ANSWER)**

### **NEW QUESTION: 25**

What are the advantages of quality sensing technology compared with traditional technology?

(Multiple choice)

- A. Detection of network layer quality for real business flows, regardless of protocol type
- B. The first multiple-input multiple-output detection technology
- C. Use the SLA module in eSight network management to realize visual configuration and detection results display

**Answer: A,B,C (LEAVE A REPLY)**

### **NEW QUESTION: 26**

Which of the following are characteristics of traditional IP routing and forwarding? (Select All that Apply)

- A. It is connectionless and cannot provide good end-to-end QoS guarantee.
- B. All routers need to know the network-wide routes.
- C. It uses the hop-by-hop forwarding mode, in which a packet is decapsulated by all routers that receive the packet.
- D. Each router needs to obtain the network layer information about the packet and selects routing entries for packet forwarding based on the longest match rule.

**Answer: A,B,C,D ([LEAVE A REPLY](#))**

**NEW QUESTION: 27**

DRN similar to M-LAG technology.

- A. False
- B. True

**Answer: B ([LEAVE A REPLY](#))**

**NEW QUESTION: 28**

Core network (backbone network) has a specific meaning for domestic financial institutions. It generally refers to the dual-plane structure of the first-level backbone network implementation technology, including BGP, MPLS or SR/SRv6, etc.

- A. True
- B. False

**Answer: A ([LEAVE A REPLY](#))**

**NEW QUESTION: 29**

the ethernet interface type of AP9131DN is ()?

- A. M12
- B. SMA
- C. RJ11
- D. RJ45

**Answer: A ([LEAVE A REPLY](#))**

**NEW QUESTION: 30**

In networking scenarios involving billing, what billing methods does Huawei currently support?

(Multiple choice)

- A. DAA
- B. EDSG
- C. According to traffic
- D. By duration

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 31**

What measures are taken to allow Huawei outdoor APs to withstand harsh environments?

- A. The working temperature range is -40°C to +60°C.
- B. Supports a built-in 6 kV surge protector for antennas and feeders.
- C. Complies with IP67 for waterproofing.
- D. The working humidity is 0% to 100% (non-condensing).

**Answer: C ([LEAVE A REPLY](#))**

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**NEW QUESTION: 32**

The MAC table size of CE12800's F series line card is( )

- A. 512K
- B. 750K
- C. 256K
- D. 1M

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 33**

Huawei AP series support FAT/FIT mode.

- A. True
- B. False

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 34**

A higher antenna gain indicates stronger signals and more coverage. Therefore, an AP with a higher antenna gain which is within the specified range of country is preferred.

- A. TRUE
- B. FALSE

**Answer: (SHOW ANSWER)**

\* Understanding Antenna Gain:

\* Antenna gain refers to the ability of an antenna to focus or direct radio frequency (RF) energy in a specific direction. Higher gain antennas provide stronger signals and extended coverage in the direction they are focused.

\* Impact on AP Selection:

\* In scenarios where long-range coverage or better signal strength is required, an AP with a higher antenna gain (within regulatory limits) is preferred.

\* However, it is important to ensure that the antenna gain complies with the regulatory requirements of the country where it is deployed.

\* Conclusion: The statement is TRUE because higher antenna gain improves signal strength and coverage, making such APs desirable for specific use cases.

References:

\* HCSA-Presales-IP Network V3.0 Training Material, Chapter 8: WLAN Solutions.

\* Huawei AirEngine Product Documentation.

### **NEW QUESTION: 35**

Huawei NCE solution builds one global network. Which of the following NCE advantage descriptions is not correct ?

**A.** Application-based intelligent traffic steering, optimizing applications and guaranteeing experience

**B.** One set of controller, centrally managing LAN/WAN services

**C.** One hop from the AR1000V to ten clouds, multi-cloud interconnection

**D.** Border security protection, ensuring egress security for branches

**Answer: (SHOW ANSWER)**

The Huawei iMaster NCE (Network Cloud Engine) is a next-generation network management and control platform that integrates SDN, automation, and AI capabilities. Let us evaluate each option:

\* Application-based intelligent traffic steering, optimizing applications and guaranteeing experience :

This is a valid feature of NCE. It uses AI-driven analytics to optimize traffic paths based on application requirements, ensuring optimal performance and user experience.

\* One set of controller, centrally managing LAN/WAN services : This is also correct. NCE provides unified management for both LAN and WAN services, simplifying operations and reducing complexity.

\* One hop from the AR1000V to ten clouds, multi-cloud interconnection : This statement is not correct .

While NCE supports multi-cloud interconnection, the claim of "one hop from the AR1000V to ten clouds" is an exaggeration and not supported by official documentation. Multi-cloud interconnection involves complex routing and policies, and such a simplified description is misleading.

\* Border security protection, ensuring egress security for branches : This is a valid feature of NCE. It includes security functions like firewalls and intrusion detection/prevention systems (IDS/IPS) to protect branch egress points.

Thus, the incorrect description is C .

References:

\* Huawei iMaster NCE Solution Overview, HCSA-Presales-IP Network Documentation.

### **NEW QUESTION: 36**

Which of the following public cloud platforms is not supported by Huawei virtual router AR1000V?

- A. Amazon Web Services (AWS)
- B. Alibaba Cloud
- C. Baidu Cloud
- D. Tencent Cloud

**Answer: C (LEAVE A REPLY)**

The AR1000V is a virtual router designed for deployment in public and private cloud environments. It supports integration with major cloud platforms, including:

- \* Amazon Web Services (AWS): Fully supported for hybrid cloud and SD-WAN deployments.
- \* Alibaba Cloud: Supported for seamless connectivity in Alibaba's cloud ecosystem.
- \* Tencent Cloud: Supported for enterprise-grade cloud networking.

However, Baidu Cloud is not officially supported by the AR1000V, making it the correct answer. This limitation may be due to compatibility or strategic partnerships with other cloud providers.

References:

- \* HCSA-Presales-IP Network Study Guide, Section: "AR1000V Cloud Platform Compatibility."
- \* Huawei AR1000V Product Documentation, Supported Cloud Platforms.

#### **NEW QUESTION: 37**

Which of the following statements is FALSE about Huawei's AI roaming technology?

- A. Roaming steering policies are inflexible.
- B. It ensures that different types of STAs can obtain the optimal roaming experience and increases the wireless speeds of roaming STAs by 30%.
- C. It requires STAs to support 802.11V.
- D. It supports differentiated steering based on STA profiles.

**Answer: (SHOW ANSWER)**

#### **NEW QUESTION: 38**

The high-end host SRU400H panel comes with 24 ports, of which 14 10GE optical ports are WAN ports for uplink connection and are compatible with GE optical docking. The 10 GE electrical ports are for LAN port downlink access and can be switched to WAN ports for uplink connection.

- A. True
- B. False

**Answer: A (LEAVE A REPLY)**

#### **NEW QUESTION: 39**

EVPN is used as control plane for Vxlan of CE switch.

- A. TRUE
- B. FALSE

**Answer: A (LEAVE A REPLY)**

**NEW QUESTION: 40**

In a routing table, a default route is the route with 0.0.0.0/0 as the destination IP address.

A. TRUE

B. FALSE

**Answer: A (LEAVE A REPLY)**

A default route is a special type of route used in routing tables to forward packets when no specific route matches the destination IP address. It acts as a "catch-all" route for traffic that does not match any other routes in the routing table. The default route is typically represented as 0.0.0.0/0, where:

0.0.0.0 represents any destination IP address.

/0 indicates a subnet mask of 0 bits, meaning it applies to all possible IP addresses.

Default routes are commonly used in scenarios where a router needs to forward traffic to a gateway or next-hop device for further processing. This simplifies routing table management, especially in networks with limited or centralized connectivity.

References:

HCSA-Presales-IP Network Study Guide, Section: "Routing Basics and Default Routes."

Huawei Router Product Documentation, Routing Table Configuration.

**NEW QUESTION: 41**

Which networking types supported by SD-WAN? (Multiple choice)

A. Partial mesh

B. Full mesh

C. Hub-spoke

**Answer: A,B,C (LEAVE A REPLY)**

**NEW QUESTION: 42**

Which are AR G3 key reliability technologies? (Multiple Choice)

A. BFD

B. Main controller redundancy

C. Power module redundancy

D. Hot swap cards

**Answer: A,B,C,D (LEAVE A REPLY)**

**NEW QUESTION: 43**

The S12700E competes against the Cisco C9600.

A. False

B. True

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 44**

DCs can be classified based on the number of standard racks. Which type is a DC with 3000-10000 racks classified to?

- A. Ultra-large DC
- B. Small DC
- C. Large DC
- D. Midsize DC

**Answer: A (LEAVE A REPLY)**

Classification of Data Centers (DCs):

Data centers are classified into categories such as small, midsize, large, and ultra-large based on the number of standard racks they house.

Rack Classification Criteria:

Small DC: Less than 500 racks.

Midsize DC: 500-1000 racks.

Large DC: 1000-3000 racks.

Ultra-large DC: 3000-10000 racks.

Conclusion: A data center with 3000-10000 racks falls under the ultra-large DC category.

References:

HCSA-Presales-IP Network V3.0 Training Material, Chapter 7: Data Center Solutions.

Huawei Data Center Network Documentation.

**NEW QUESTION: 45**

The maximum number of network isolations supported by VxLAN is?

- A. 32M
- B. 16M
- C. 1M
- D. 4K

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 46**

CE6851HI support VxLAN routing.

- A. TRUE
- B. FALSE

**Answer: B (LEAVE A REPLY)**

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**NEW QUESTION: 47**

Routing entries in a routing table can be obtained from direct routes, static routes, or dynamic routing protocols. No manual intervention is required for discovery of direct routes. A device automatically discovers the network segment associated with its directly connected interface and loads the direct route to the routing table.

- A. True
- B. False

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 48**

In the power distribution IoT solution, which equipment and software does Huawei sell?  
(Multiple choice)

- A. Industrial switch
- B. HIGridT1 core board
- C. IOT-AC.Controller

**Answer:** B,C ([LEAVE A REPLY](#))

**NEW QUESTION: 49**

Which industries are Huawei CloudWAN products and solutions focused on?

- A. Energy
- B. Finance
- C. Government/Education
- D. ISP
- E. Transportation

**Answer:** A,B,C,D,E ([LEAVE A REPLY](#))

Huawei's CloudWAN products and solutions are designed to address the unique WAN requirements of various industries. These include:

Energy: Supports secure and reliable connectivity for utilities, oil and gas, and renewable energy sectors.

Finance: Ensures high-performance and secure networks for banks, insurance companies, and financial institutions.

Government/Education: Provides dedicated networks for government agencies and educational institutions, enabling e-governance and digital learning.

ISP (Internet Service Providers): Helps ISPs deliver scalable and efficient broadband services to consumers and enterprises.

Transportation: Enables connectivity for smart transportation systems, including railways, airports, and highways.

CloudWAN's flexibility and scalability make it suitable for a wide range of industries, addressing their specific WAN challenges and opportunities.

References:

HCSA-Presales-IP Network Study Guide, Section: "CloudWAN Industry Focus." Huawei CloudWAN Solution Documentation, Industry Use Cases.

**NEW QUESTION: 50**

Which model cannot support POE?

- A. AR151W-P
- B. AR550C-2C6GE
- C. AR1220EV
- D. AR151

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 51**

In the SD-WAN solution, the site deployment method does not include which of the following?

- A. Scan the QR code to start the game
- B. DHCP option deployment
- C. USB disk start
- D. Email start

**Answer: A (LEAVE A REPLY)**

**NEW QUESTION: 52**

Which of the following statements are TRUE about fixed ports and cards of AR routers?

- A. LAN ports can be switched to WAN ports using the `undo portswitch` command.
- B. On some models, WAN ports can be switched to LAN ports.
- C. Layer 2 cards configured with VLANIF interfaces support simple Layer 3 forwarding, but do not support NAT, MPLS, IPsec, and HQoS.
- D. All Layer 2 cards support LAN/WAN switching.

**Answer: A,B,C (LEAVE A REPLY)**

Huawei's AR routers offer flexible configurations for fixed ports and modular cards, enabling them to adapt to various networking scenarios. Key points include:

\* LAN-to-WAN switching: LAN ports can be converted to WAN ports using the `undo portswitch` command, allowing greater flexibility in network design.

\* WAN-to-LAN switching: Some AR router models support converting WAN ports to LAN ports, depending on the hardware and software capabilities.

\* Layer 2 card limitations: Layer 2 cards configured with VLANIF interfaces can perform basic Layer 3 forwarding but lack advanced features like NAT, MPLS, IPsec, and HQoS. The claim that all Layer 2 cards support LAN/WAN switching is incorrect. Only specific models and configurations support this functionality, making option D false.

References:

\* HCSA-Presales-IP Network Study Guide, Section: "AR Router Port and Card Configurations."

\* Huawei AR Router Product Documentation, Port Switching and Layer 2 Card Features.

**NEW QUESTION: 53**

Which is a fast and professional WLAN network planning and experience evaluation APP developed by Huawei?

- A. Speed test
- B. insider
- C. Cloud Campus APP
- D. WLAN planner

**Answer: C ([LEAVE A REPLY](#))**

**NEW QUESTION: 54**

The next generation of AR mainly sells AR6000 and AR600 series. Which of the following belong to the AR600 series? (Multiple choice)

- A. 651C
- B. AR6121
- C. AR6140-9G2AC
- D. AR651W

**Answer: A,D ([LEAVE A REPLY](#))**

**NEW QUESTION: 55**

Different scenarios for electric vehicle charging have different demands. What do they include?

(Multiple choice)

- A. Reduce investment
- B. Safe charging
- C. Remote operation and maintenance
- D. Development of new business models

**Answer: A,B,C,D ([LEAVE A REPLY](#))**

**NEW QUESTION: 56**

AR10IG7-Lc-S is the lowest-end desktop router in the ARG3 series that supports 4G and WIFI functions. The upcoming desktop router NetEngineAR651C can replace AR10IG7-Lc-S.

- A. False
- B. True

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 57**

What are the models that support electrical port stacking? (Multiple choice)

- A. S5731-S
- B. S5720-LI
- C. S5735-S

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 58**

The path that IP packets pass through on an MPLS network is called a label switched path (LSP). An LSP is a bidirectional path that specifies the transmission direction of data flows.

- A. TRUE
- B. FALSE

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 59**

All series of 802.11ac AP support LAG of ethernet ports

- A. FALSE
- B. TRUE

Answer: B ([LEAVE A REPLY](#))

**NEW QUESTION: 60**

High-end routers are divided into two series: NE40E and ME60, which correspond to SR and BRAS scenarios respectively. NE40E does not support the BRAS function.

- A. False
- B. True

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 61**

Huawei NetEngine 8000 MIA and NetEngine 8000 M6 routers are 220 mm in depth.

- A. TRUE
- B. FALSE

Answer: B ([LEAVE A REPLY](#))

The Huawei NetEngine 8000 MIA and NetEngine 8000 M6 routers are compact, high-performance routers, but their depth is not 220 mm.

These routers are redesigned for high-capacity edge computing with ultra-high-density interfaces.

The actual depth varies by model and configuration but exceeds 220 mm due to high-performance hardware requirements.

#Reference: HCSA-Presales-IP Network Official Study Guide, NetEngine 8000 Series Specifications

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#### **NEW QUESTION: 62**

Which of the following are the advantages of AP4050DN-HD? (Multiple choice)

- A.** Supports PoE output power supply, which can supply power to another AP of the same model, saving the number of switches in high-density environments
- B.** Support dual PoE redundant power supply
- C.** Built-in small-angle (30-degree) directional antenna to effectively control the coverage area and reduce interference
- D.** Support Bluetooth function

**Answer: A,C (LEAVE A REPLY)**

#### **NEW QUESTION: 63**

Which of the following are correct about NE8000 X4 and X 8 redundancy design?

- A.** Power supply 9+1 backup
- B.** SFU 7+1 backup
- C.** MPU 1+1 backup
- D.** PEM 1+1 backup

**Answer: B,C (LEAVE A REPLY)**

#### **NEW QUESTION: 64**

Huawei's SmartRadio technology supports software-defined radio (SDR). Which of the following are the benefits of this technology?

- A.** In scenarios with severe interference, the dual-radio + independent scanning radio mode is used.

In this mode, the independent radio is used to monitor and optimize the network quality in real time without compromising network performance.

- B.** In high-bandwidth scenarios, the dual-radio mode is used to provide ultra-high throughput.

- C.** On a large-scale network, APs working in different radio modes can be deployed together, meeting requirements of different services and traffic types, improving network-wide performance, and saving the TCO.

D. In high-concurrency scenarios, the triple-radio mode is used to allow more STAs to access the network concurrently

**Answer: A,B,C,D (LEAVE A REPLY)**

#### **NEW QUESTION: 65**

What is the maximum forwarding rate supported by Huawei AC6805?

- A. 120 Gbps
- B. 60 Gbps
- C. 40 Gbps
- D. 100 Gbps

**Answer: A (LEAVE A REPLY)**

The Huawei AC6805 is a high-performance wireless access controller designed for large-scale enterprise networks. It supports up to 120 Gbps of forwarding capacity, enabling it to handle high-density Wi-Fi deployments and demanding applications like video streaming and IoT.

The other options (60 Gbps, 40 Gbps, and 100 Gbps) do not match the specifications of the AC6805. While lower-end models in the AC series may have reduced forwarding rates, the AC6805 is specifically designed to deliver exceptional performance for large-scale networks.

Thus, the correct answer is A .

References:

\* Huawei AC6805 Wireless Access Controller Product Documentation, HCSA-Presales-IP Network Documentation.

#### **NEW QUESTION: 66**

What models are included in the new CloudEngine S series campus switches?

- A. S5731-S
- B. S5731-H
- C. S6730-H
- D. S12700E

**Answer: B,C,D (LEAVE A REPLY)**

#### **NEW QUESTION: 67**

Compared with non-Huawei switches that use subcards to expand uplink ports, Huawei S6730-H24X6C / S6730-H48X6C supports six 100GE uplink ports and has higher reliability, which is an advantage in project response.

- A. TRUE
- B. FALSE

**Answer: (SHOW ANSWER)**

Huawei's S6730-H24X6C and S6730-H48X6C switches are part of the CloudEngine S series and are designed for high-performance campus networks. These models support six fixed

100GE uplink ports, eliminating the need for additional subcards to expand uplink capacity.

This design offers several advantages:

- \* Higher reliability: Fixed ports reduce points of failure compared to modular subcards.
- \* Simplified deployment: No need for additional hardware or configuration.
- \* Better performance: Optimized for high-speed connectivity and scalability.

Non-Huawei switches that rely on subcards may face limitations in terms of reliability and flexibility, making Huawei's fixed-port design a competitive advantage.

References:

- \* HCSA-Presales-IP Network Study Guide, Section: "Huawei Campus Switch Portfolio."
- \* Huawei CloudEngine S6730 Series Product Documentation.

### **NEW QUESTION: 68**

Huawei enterprise security product portfolio comprises many products. Which of the following security products are included?

- A. Desktop firewall
- B. AntiDDoS
- C. SecoManager Security Controller
- D. Modular firewall

**Answer: B,C,D ([LEAVE A REPLY](#))**

### **NEW QUESTION: 69**

SRv6 deployment must transform the entire traditional IP network.

- A. True
- B. False

**Answer: ([SHOW ANSWER](#))**

### **NEW QUESTION: 70**

Which of the following deployment modes are supported by AR routers?

- A. USB-based deployment
- B. DCN deployment
- C. DHCP option-based deployment
- D. Email-based deployment

**Answer: A,B,C,D ([LEAVE A REPLY](#))**

Huawei's AR routers support multiple deployment modes to simplify network setup and management:

- \* USB-based deployment: Configuration files can be loaded via USB drives, enabling rapid deployment without manual intervention.
- \* DCN deployment: Devices are automatically discovered and configured through Huawei's Device Control Network (DCN), streamlining large-scale deployments.
- \* DHCP option-based deployment: Routers obtain configuration parameters from a DHCP server, reducing manual setup efforts.

\* Email-based deployment: Configuration files can be sent to devices via email, allowing remote provisioning.

These modes cater to different scenarios, ensuring flexibility and ease of deployment.

References:

\* HCSA-Presales-IP Network Study Guide, Section: "AR Router Deployment Modes."

\* Huawei AR Router Product Documentation, Deployment Options.

### **NEW QUESTION: 71**

Which of the following switches does not support two power modules?

- A. S5735-L
- B. S5732-H
- C. S5731-S24P4X
- D. S5736-S24T4XC

**Answer: A (LEAVE A REPLY)**

The Huawei CloudEngine S5735-L series switches are entry-level switches designed for small to medium-sized networks. These switches do not support dual power modules, as they are intended for environments where redundancy is not a primary requirement.

In contrast:

The S5732-H, S5731-S24P4X, and S5736-S24T4XC switches all support dual power modules, providing redundancy and ensuring stable operation in more demanding environments.

Thus, the switch that does not support two power modules is the S5735-L.

References:

Huawei CloudEngine S5735-L Series Switch Hardware Guide, HCSA-Presales-IP Network Documentation.

### **NEW QUESTION: 72**

SecoManager is a security controller developed by Huawei for various security scenarios. Based on different scenarios, SecoManager has several deployment modes. Which of the following is not a SecoManager deployment mode?

- A. Independent deployment
- B. Integrated deployment with iMaster NCE-IP
- C. Integrated deployment with iMaster NCE-Fabric
- D. Integrated deployment with iMaster NCE-Campus

**Answer: D (LEAVE A REPLY)**

### **NEW QUESTION: 73**

Which of the following are dynamic routing protocols? (Select All that Apply)

- A. IS-IS
- B. BGP
- C. OSPF

D. RIP

**Answer: A,B,C,D (LEAVE A REPLY)**

**NEW QUESTION: 74**

Which of the following statement is correct? (Multiple choice)

**A.** Our user-based business can evolve to an IP address-based solution.

**B.** Under the fixed IP address business, the main difference between our company and H3C is:there is no DHCP server plug-in, which requires more IP address resources than H3C.

**C.** The business travel is based on national IP addresses, mainly to adapt to heterogeneous fire protection scenarios. Firewalls are configured based on IP address segments to maintain consistent access and exit authentication segments. Our company can achieve this through advance address planning.

**D.** The business travel based on fixed IP address is mainly to adapt to the backtracing scenario based on IP address. Our company can meet the consistent business accompanying process through DHCP long lease period

**Answer: A,B,C,D (LEAVE A REPLY)**

**NEW QUESTION: 75**

Which of the following are 100 GE switches with fixed downlink interfaces? (Choose all that apply.)

**A.** CE8850-64CQ-EI

**B.** CE6865

**C.** CE8850-32CQ-EI

**D.** CE8861

**E.** CE8860

**Answer: A,C (LEAVE A REPLY)**

**NEW QUESTION: 76**

In a certain project, the customer requested that the online behavior management product have

"wired and wireless unified management: built-in wireless controller function, which can directly manage APs, and support the configuration of open/WPA-PSK/WPA2-PSK (personal), WPA/WPA2 (Enterprise) three access methods, then which friend is most likely to have guided the project?

**A.** Convinced

**B.** Qi Anxin

**C.** H3C

**D.** Tianrongxin

**Answer: A (LEAVE A REPLY)**

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**NEW QUESTION: 77**

Which 2 types of IT router line card that NE router could support? (Multiple Choice)

- A. 96\*100 line card
- B. 10\*100G line card
- C. 24\*40G line card
- D. 8\*1000 line card

**Answer: C,D (LEAVE A REPLY)**

**NEW QUESTION: 78**

What are the competitive points that S5735-L improves over H3C S5130S-EI? (Multiple choice)

- A. ARP is larger than 4K
- B. PoE is greater than 7407
- C. ACL greater than 2K
- D. Standard USB

**Answer: A,B,C (LEAVE A REPLY)**

**NEW QUESTION: 79**

FireHunterWindows supports threat detection of executable files exe, dll, office documents pdf, word and other files, but does not support detection of compressed files.

- A. True
- B. False

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 80**

IP FPM is abbreviation for IP Flow Performance Measurement.

- A. FALSE
- B. TRUE

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 81**

Which of the following are the advantages of Cloud Fabric Easy? (Multiple choice)

- A. Support stand-alone version
- B. Minimalist architecture: minimalist networking, minimalist control, and pre-installed equipment
- C. Minimalist provisioning: second-level provisioning, simulation verification, intelligent operation and maintenance
- D. Minimalist configuration: bundle1E. Lower cost

**Answer: A,C ([LEAVE A REPLY](#))**

### **NEW QUESTION: 82**

What are the differentiators of Huawei CloudFabric 3.0 data center network solution?

(Select All that Apply)

- A. Full-lifecycle automation
- B. Network-wide intelligent O&M
- C. All-wireless access
- D. All-Ethernet storage and HPC network

**Answer: ([SHOW ANSWER](#))**

Overview of Huawei CloudFabric 3.0:

Huawei CloudFabric 3.0 is a next-generation data center network solution that emphasizes automation, intelligence, and unified connectivity for diverse workloads.

Analysis of Each Differentiator:

Full-lifecycle automation: CloudFabric 3.0 provides end-to-end automation for provisioning, configuration, and management, reducing operational complexity.

Network-wide intelligent O&M: AI-driven tools enable proactive fault detection, analysis, and resolution, improving network reliability.

All-wireless access: This is incorrect. CloudFabric 3.0 focuses on wired Ethernet networks rather than all-wireless access.

All-Ethernet storage and HPC network: CloudFabric 3.0 supports unified Ethernet-based connectivity for storage, high-performance computing (HPC), and other workloads, simplifying infrastructure.

Conclusion: The correct differentiators are Options A, B, and D.

References:

HCSA-Presales-IP Network V3.0 Training Material, Chapter 7: Data Center Solutions.

Huawei CloudFabric 3.0 Solution Brochure.

### **NEW QUESTION: 83**

To which scenarios can AR G3 series apply?

- A. WAN access & edge aggregation
- B. VPN security gateway
- C. 3G/LTE backup
- D. LAN egress gateway

**Answer: A,C ([LEAVE A REPLY](#))**

**NEW QUESTION: 84**

Which of the following switches does not support OSPF?

- A. S5720-EI
- B. S5720-SI
- C. S1720X-E
- D. S5720-LI

**Answer: C ([LEAVE A REPLY](#))**

**NEW QUESTION: 85**

which of the following products do not belong to the park's export safety trident?

- A. Firewall
- B. DDoS
- C. IPS
- D. Sandbox

**Answer: B ([LEAVE A REPLY](#))**

**NEW QUESTION: 86**

The main functions of the big data analysis product CIS are threat situation awareness, APT defense, unknown threat defense, attack forensics traceability, etc.

- A. True
- B. False

**Answer: A ([LEAVE A REPLY](#))**

**NEW QUESTION: 87**

Which of the following statements is FALSE about RR in Huawei's SD-WAN solution?

- A. It distributes VPN routes and tunnel information between CPEs based on VPN topology policies.
- B. It can be deployed on a physical AR router or software AR1000V vCPE.
- C. It can implement communication between SD-WAN networks and legacy MPLS networks.
- D. It can be deployed independently or co-deployed with the CPE at a site.

**Answer: C ([LEAVE A REPLY](#))**

**NEW QUESTION: 88**

Which of the following is the recommended model for Huawei 10 GE fixed switches?

- A. CE6875
- B. CE6857
- C. CE6865
- D. CE5855

**Answer: A (LEAVE A REPLY)**

**NEW QUESTION: 89**

which one of following channel planning is more resonable when multiple APs are deployed?

- A. 1, 6, 11
- B. 1,5,10
- C. 2, 7, 12
- D. 1, 2, 3

**Answer: A (LEAVE A REPLY)**

**NEW QUESTION: 90**

Which of the following plans is not the main recommended package before April 2020?

- A. 12700E 10Gbundle+6730-s+5760WiFibundle
- B. 12700E100Gbundle+7706100Gbundle+6760WiFibundle
- C. 12700E100Gbundle+6730-H+7060WiFibundle
- D. 12700E 10Gbundle+7706 10Gbundle+5760WiFibundle
- E. 12700E100Gbundle+7706100Gbundle+7060WiFibundle

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 91**

Which of the following products does not support 802.11ax?

- A. WA6628
- B. AP7650
- C. WA5620
- D. AP8660

**Answer: C (LEAVE A REPLY)**

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**NEW QUESTION: 92**

Which of the following switches has no fan?

- A. S5700-28P-LI

- B. S5700-52X-LI
- C. S5700-52P-LI
- D. S5700-28X-PWR-LI

**Answer: A ([LEAVE A REPLY](#))**

**NEW QUESTION: 93**

Huawei AirEngine 8760-X1-PRO supports 16 spatial streams and flexible RF mode switching.

- A. False
- B. True

**Answer: B ([LEAVE A REPLY](#))**

**NEW QUESTION: 94**

Which of the following are factors affecting the wireless rate (throughput) of a Wi-Fi AP?

- A. Spatial stream
- B. CPU performance
- C. Frequency bandwidth
- D. SNR

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 95**

Which of the following options is not a key IT change driving Data Center Networks (DCNs) towards All-Ethernet?

- A. PCIe is replaced
- B. Storage media migrates from HDD to SSD
- C. Enterprise Service migrates to Cloud
- D. IT architecture transforms from Centralized to Distributed

**Answer: A ([LEAVE A REPLY](#))**

**NEW QUESTION: 96**

Huawei CE6863E-48S6CQ supports hardware-based BFD, minimum packet sending interval of 3.3s.

- A. TRUE
- B. FALSE

**Answer: ([SHOW ANSWER](#))**

The Huawei CE6863E-48S6CQ switch supports hardware-based Bidirectional Forwarding Detection (BFD), which enables rapid fault detection in the network. However, the claim that the minimum packet sending interval is 3.3 seconds is incorrect.

Hardware-based BFD typically supports much shorter intervals, often in the range of milliseconds (e.g., 3.3 ms, not 3.3 seconds). This ensures fast detection of link failures and minimizes downtime.

Thus, the statement is FALSE due to the incorrect interval value.

References:

Huawei CloudEngine CE6863E-48S6CQ Product Documentation, HCSA-Presales-IP Network Documentation.

### NEW QUESTION: 97

WLAN is a wireless local area network constructed using wireless technologies, including Wi-Fi, infrared, Bluetooth, and ZigBee.

A. TRUE

B. FALSE

**Answer: (SHOW ANSWER)**

A WLAN (Wireless Local Area Network) is specifically defined as a network that uses radio frequency (RF) technologies, primarily Wi-Fi, to provide wireless connectivity. While technologies like infrared, Bluetooth, and ZigBee are wireless communication methods, they are not part of the WLAN definition.

\* Wi-Fi : Operates in the 2.4 GHz and 5 GHz frequency bands and is the primary technology used in WLANs.

\* Infrared : Uses light waves for short-range communication and is not part of WLAN standards.

\* Bluetooth : Designed for short-range personal area networks (PANs), not LANs.

\* ZigBee : Used for low-power, low-data-rate IoT applications, not WLANs.

Thus, the statement is FALSE, as WLANs are exclusively based on RF technologies like Wi-Fi.

References:

\* IEEE 802.11 WLAN Standards, HCSA-Presales-IP Network Documentation.

### NEW QUESTION: 98

Which of the following are factors affecting the wireless rate (throughput) of a Wi-Fi AP?

A. CPU performance

B. Spatial stream

C. Frequency bandwidth

D. SNR

**Answer: (SHOW ANSWER)**

The wireless rate (throughput) of a Wi-Fi AP is influenced by several factors. Below is an analysis of each option:

\* CPU performance : The AP's CPU processes data packets and manages wireless communication.

Higher CPU performance enables faster packet processing and better throughput.

\* Spatial stream : Wi-Fi uses multiple spatial streams (MIMO) to transmit data simultaneously. More spatial streams increase the data rate and improve throughput.

\* Frequency bandwidth : The bandwidth of the frequency channel determines how much data can be transmitted at once. For example, 160 MHz channels provide higher throughput than 20 MHz channels.

\* SNR (Signal-to-Noise Ratio) : A higher SNR indicates a stronger signal relative to noise, resulting in better data transmission quality and higher throughput. Poor SNR leads to retransmissions and reduced performance.

All four factors significantly impact the wireless rate of a Wi-Fi AP.

References:

\* Huawei Wi-Fi 6 Technology White Paper, HCSA-Presales-IP Network Documentation.

### **NEW QUESTION: 99**

Data center networks need to be scalable and efficient to connect tens or even hundreds of thousands of servers to handle the growing demands of cloud computing.

A. TRUE

B. FALSE

**Answer: A (LEAVE A REPLY)**

### **NEW QUESTION: 100**

CloudFabric provides an intent-driven network and can verify some configurations.

A. True

B. False

**Answer: A (LEAVE A REPLY)**

### **NEW QUESTION: 101**

Which of the following cables are used to set up a stack of Huawei switches?

A. AOC cables

B. Dedicated stack cables

C. Fiber patch cords \* optical modules

D. SFP/SFP+ high-speed cables and QSFP-/QSFP28 high-speed cables

**Answer: A,C,D (LEAVE A REPLY)**

### **NEW QUESTION: 102**

Unlike managing a device through a console port, managing a device through Telnet does not require connecting to the device with a cable. The only requirement is that the Telnet client has a reachable address and can communicate with the Telnet service port of the device. Which kind of address should the client have?

A. AS

B. IP

C. VLAN

D. MAC

**Answer: B (LEAVE A REPLY)**

**NEW QUESTION: 103**

What are the advantages of AP8130DN? (Multiple choice)

- A.** For wireless backhaul, use dual 5G. You can use only one AP to achieve high-speed backhaul under 5G high bandwidth, ensuring the backhaul bandwidth while saving deployment costs.
- B.** APS13ODN supports dual 5G for wireless coverage and an additional 5G radio frequency to access more users.
- C.** Supports built-in lightning protection in harsh outdoor environments, eliminating the need to purchase external anti-mold devices, saving costs, simplifying installation and shortening the installation and payment cycle
- D.** Supports dual and three spatial streams. The more spatial streams, the more wireless performance advantages are reflected.

**Answer:** ([SHOW ANSWER](#))

**NEW QUESTION: 104**

As one of the important advantages of Huawei L3 autonomous driving solution, quick intelligent O&M improves network performance. Which options are the capability of Huawei intelligent O&M to improve network performance?

- A.** Precise fault analysis
- B.** Intelligent network optimization
- C.** Real-time experience visualization

**Answer:** ([SHOW ANSWER](#))

Huawei's L3 Autonomous Driving Network (ADN) solution leverages AI and automation to enhance network operations and maintenance (O&M). Key capabilities include:

- \* Precise fault analysis: Uses AI algorithms to identify root causes of faults quickly and accurately, reducing downtime.
- \* Intelligent network optimization: Dynamically adjusts network parameters to optimize performance and resource utilization.
- \* Real-time experience visualization: Provides a comprehensive view of network health and user experience, enabling proactive issue resolution.

These features collectively improve network performance, reduce operational complexity, and enhance user satisfaction.

References:

- \* HCSA-Presales-IP Network Study Guide, Section: "Autonomous Driving Network Levels and Features."
- \* Huawei ADN Solution Documentation, Intelligent O&M Capabilities.

**NEW QUESTION: 105**

The Adaptive Security Engine (ASE) is used to dynamically allocate CPU resources to service modules, maximizing resource utilization. In addition, component-based function delivery is available.

- A. TRUE
- B. FALSE

**Answer: A (LEAVE A REPLY)**

Huawei's Adaptive Security Engine (ASE) is a key feature in its security products, such as firewalls. ASE dynamically allocates CPU resources to different service modules (e.g., firewall, intrusion prevention, antivirus) based on real-time traffic demands. This ensures optimal resource utilization and performance.

Additionally, ASE supports component-based function delivery, allowing administrators to enable or disable specific security features as needed. This flexibility enhances scalability and reduces unnecessary resource consumption.

The statement accurately describes the functionality of ASE, making it TRUE.

References:

HCSA-Presales-IP Network Study Guide, Section: "Adaptive Security Engine Features."  
Huawei Security Product Documentation, ASE Overview.

#### **NEW QUESTION: 106**

What are the capabilities of Huawei S5731-L remote unit (RU) switches?

- A. Power consumption of a single device < 5 W.
- B. Both PoE-In and PoE-Out are supported, eliminating the need for weak-current reconstruction.
- C. Fanless design, natural heat dissipation, and noise-free.
- D. A single port supports a maximum of 60 W PoE++ power supply.

**Answer: (SHOW ANSWER)**

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#### **NEW QUESTION: 107**

Under what circumstances will the AP broadcast the AC discovery? (Multiple choice)

- A. When the AP does not have ACIPlist
- B. AP statically configured IP address and ACIPlist

C. When the AP and AC are in a layer-1 network, but the AP has obtained the IP list of the AC through OPTION43

D. When the AP unicast discovery does not receive a response

**Answer: A,D (LEAVE A REPLY)**

#### **NEW QUESTION: 108**

Offers 5.8Gbps wireless bridging throughput on the 5GHz radio between two AirEngine 8760-X1- PRO access points, making it the fastest Wi-Fi access point To1ly has tested to date.

A. False

B. True

**Answer: B (LEAVE A REPLY)**

#### **NEW QUESTION: 109**

In Huawei's hospital ransomware defense solution, which is the correct description of the core products and their main functions? (Multiple choice)

A. USG6000E: Intrusion prevention, virus detection

B. AgilE Controller: Policy orchestration, the switch automatically isolates traffic

C. Big data analysis system CIS: situational awareness, terminal security management

D. Sandbox F-ireHunter: virus file detection, unknown threat defense

E. SecoManager: Policy orchestration, the switch automatically isolates traffic

F. Trapping switch: business simulation, virus trapping, virus lateral spread isolation

**Answer: A,B,C,E,F (LEAVE A REPLY)**

#### **NEW QUESTION: 110**

In Huawei's SD-WAN solution, overlay topologies can be planned based on services.

Different service topologies are independent of each other.

A. TRUE

B. FALSE

**Answer: (SHOW ANSWER)**

Huawei'sSD-WAN solutionallows for the creation ofoverlay topologietailored to specific services. These topologies are logically independent, meaning they can be customized and optimized for different types of traffic (e.g., voice, video, data) without interfering with one another.This independence ensures that each service topology can meet its unique requirements, such as latency, bandwidth, and security, while maintaining overall network efficiency.

References:

\* HCSA-Presales-IP Network Study Guide, Section: "SD-WAN Overlay Topologies."

\* Huawei SD-WAN Solution Documentation, Service-Based Topology Planning.

#### **NEW QUESTION: 111**

Which radio frequency can AP8150DN work at? (Multiple Choice)

- A. 2.4GHz+ 5GHz
- B. 2.4GHz + 5GHz + 2.4GHz
- C. 5GHz + 5GHz
- D. 2.4GHz + 2.4Ghz

**Answer: A,C ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 112**

Huawei Wi-Fi 6 products implement 10 ms ultra-fast roaming for Huawei terminals only by introducing a cache mechanism, ensuring that there is no frame freezing during roaming.

- A. False
- B. True

**Answer: B ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 113**

How does our company question 4-frame stacking: There is basically no actual deployment in the industry, and some manufacturers that claim to implement it have made strict restrictions on their official websites, such as () (Multiple choice)

- A. For 4-frame virtualization, 4 devices must be powered on at the same time.
- B. There is a risk of splitting when the ring network is stacked with 4 devices.
- C. Only specific boards can be used

**Answer: ([SHOW ANSWER](#))**

#### **NEW QUESTION: 114**

Which of the following features are supported by Cloudengine6881-486cQ? (Multiple choice)

- A. M-LAG
- B. VXLAN
- C. Hardware BF D
- D. BGP-EVPN
- E. Istack

**Answer: A,B,C,D,E ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 115**

CE6810LI and CE5855EI can both support TRILL.

- A. FALSE
- B. TRUE

**Answer: A ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 116**

Power supply and fan frame redundancy means that when a fan or power supply fails as a single point and the bad parts are replaced, the system can still have a backup module that works normally. It is an important guarantee for equipment reliability. All manufacturers in the industry support redundant power supplies and Fan frame configuration.

A. False

B. True

**Answer: B (LEAVE A REPLY)**

#### **NEW QUESTION: 117**

S5700-LI supports hardware ETH OAM and BFD.

A. FALSE

B. TRUE

**Answer: A (LEAVE A REPLY)**

#### **NEW QUESTION: 118**

Huawei's second-generation hybrid cable supports ultra-long-distance transmission and power supply. When PoE power is provided to a powered device through a second-generation hybrid cable, the power supply distance can be longer than 1 km.

A. TRUE

B. FALSE

**Answer: A (LEAVE A REPLY)**

Huawei's second-generation hybrid cable combines power and data transmission over a single cable, enabling ultra-long-distance delivery of both power and data. This technology supports Power over Ethernet (PoE) power delivery over distances exceeding 1 km, far beyond the typical 100-meter limit of standard Ethernet cables. This capability is particularly useful in scenarios like outdoor surveillance, smart city deployments, and industrial IoT, where devices are located far from power sources.

References:

HCSA-Presales-IP Network Study Guide, Section: "Hybrid Cable Technology and Applications." Huawei Hybrid Cable Solution Documentation, Ultra-Long-Distance Power Supply.

#### **NEW QUESTION: 119**

In Huawei's CloudCampus Solution, communication between virtual networks (VNs) is supported.

Which of the following statements about the policies for such communication is false?

A. Communication between VNs can be directly implemented on the border node.

B. Free mobility is supported for policies in a VN.

C. Communication between VNs can be implemented through the external firewall.

D. Free mobility cannot be deployed for traffic between VNs.

**Answer: A (LEAVE A REPLY)**

**NEW QUESTION: 120**

What is the value of wide-area SDN for financial network applications? (Multiple choice)

- A. Traffic optimization on demand
- B. Simplify operation and maintenance work
- C. Automatically issue services

**Answer: A,B,C (LEAVE A REPLY)**

**NEW QUESTION: 121**

In the local forwarding scenario of 128 APs, there is no need to deploy a local wireless controller and directly go to the cloud to solve the roaming problem.

- A. True
- B. False

**Answer: A (LEAVE A REPLY)**

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**NEW QUESTION: 122**

What are the key points in the fusion terminal fusion scenario? (Multiple choice)

- A. PLC. Automatic topology discovery
- B. IoT architecture based on SDN + edge computing to realize the management of millions of terminals
- C. Hardware platform, software APP, edge computing, hierarchical decision-making
- D. Plug and play between cloud, edge and terminal

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 123**

Huawei CloudEngine 8700 is the highest-density modular access switch in the industry.

How many 10G ports can one unit of Huawei CloudEngine 8700-10 provide at maximum?

- A. 384
- B. 480
- C. 288
- D. 336

**Answer: B (LEAVE A REPLY)**

TheCloudEngine 8700-10 is part of Huawei's high-density modular access switch lineup, designed for large-scale campus networks. It supports up to 480 10G ports in a single chassis, making it the highest-density modular access switch in the industry. This high port density enables organizations to consolidate their network infrastructure, reducing space and power requirements while supporting growing bandwidth demands.

References:

- \* HCSA-Presales-IP Network Study Guide, Section: "Huawei Campus Switch Portfolio."
- \* Huawei CloudEngine 8700 Series Product Documentation, Port Density Specifications.

**NEW QUESTION: 124**

What are the competitive points that S5735-S improves over H3C S5130S-HI? (Multiple choice)

- A. Support BGP protocol
- B. ACL2K
- C. ARP8K
- D. Can be configured and stacked

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 125**

What are the key technical requirements for the implementation of MSW 2.0? (Multiple choice)

- A. Security audit, security cooperation and prevention linkage
- B. Access control, integrity and confidentiality
- C. Trusted verification and data backup
- D. Malicious code prevention, multi-factor authentication | trusted verification, data backup
- E. Illegal internal and external contact and centralized management

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 126**

What technology does Huawei use to achieve network slicing to achieve multiple planes in one network?

- A. QoS
- B. Flex-E
- C. VPN

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 127**

Huawei's CloudWAN 3.0 solution propels WANs into the intelligent cloud-network era. Which of the following are the key highlights of CloudWAN 3.0? (Select All that Apply)

- A. One-network wide connection

- B. One-click maintenance
- C. One-hop cloud access
- D. One-click fast scheduling
- E. One-fiber multipurpose transport

**Answer:** ([SHOW ANSWER](#))

Overview of Huawei CloudWAN 3.0:

Huawei CloudWAN 3.0 is designed to address the challenges of modern WANs by integrating intelligence, automation, and cloud-native capabilities. It aims to simplify operations, improve efficiency, and enable seamless cloud connectivity.

Explanation of Each Highlight:

One-network wide connection: Provides unified connectivity across various domains, including branches, data centers, and clouds.

One-click maintenance: Simplifies network operations through automated tools, reducing manual intervention and improving efficiency.

One-hop cloud access: Enables direct and secure access to cloud services with minimal latency, enhancing user experience.

One-click fast scheduling: Allows dynamic resource allocation and traffic optimization through AI-driven scheduling.

One-fiber multipurpose transport: Supports multiple services over a single fiber, improving bandwidth utilization and reducing costs.

Conclusion: All the listed options are key highlights of Huawei CloudWAN 3.0.

References:

HCSA-Presales-IP Network V3.0 Training Material, Chapter 9: WAN Solutions.

Huawei CloudWAN Solution Brochure.

### **NEW QUESTION: 128**

All chips, CPUs and boards of 511.AR6000 are fully domestically produced, further improving customer data security.

- A. True
- B. False

**Answer:** ([SHOW ANSWER](#))

### **NEW QUESTION: 129**

Which protocol does iMaster NCE use to deliver configurations to devices?

- A. RESTful
- B. Telemetry
- C. SDN
- D. NETCONF

**Answer:** ([SHOW ANSWER](#))

### **NEW QUESTION: 130**

The campus switch S6720SI can be used as SVFParent or SVF Client. More importantly, when used as SVFParent, it does not need to configure License.

- A. True
- B. False

**Answer: A ([LEAVE A REPLY](#))**

#### **NEW QUESTION: 131**

AR G3 routers support built-in zone-based firewall functions.

- A. True
- B. False

**Answer: ([SHOW ANSWER](#))**

#### **NEW QUESTION: 132**

Which of the following methods can be used to integrate IoT modules or functions into Huawei IoT APs?

- A. USB interface
- B. Built-in IoT chip
- C. PCIe interface
- D. PoE out port

**Answer: A,B,C ([LEAVE A REPLY](#))**

Comprehensive and Detailed in Depth Explanation: Huawei IoT APs support multiple methods for integrating IoT modules or functionalities:

Option A: The USB interface allows external IoT modules to be connected to the AP, enabling flexible expansion.

Option B: Some Huawei IoT APs come with built-in IoT chips, providing native support for IoT protocols like RFID and Bluetooth.

Option C: The PCIe interface is another method for integrating IoT modules, offering high-speed connectivity for advanced IoT applications.

Option D: The PoE out port is used to power external devices but does not directly integrate IoT functionality.

These integration methods ensure that Huawei IoT APs can adapt to various IoT use cases, such as asset tracking, environmental monitoring, and smart building management.

References:

Huawei HCSA-Presales-IP Network Documentation: IoT Integration in WLAN APs Huawei AirEngine Series Product Specifications

#### **NEW QUESTION: 133**

The 10GE downlink TOR switch moduel is ( )

- A. CE88XX
- B. CE78XX
- C. CE68XX

D. CE58XX

**Answer: C (LEAVE A REPLY)**

**NEW QUESTION: 134**

Huawei NetEngine 8000 series' access routers can work at a temperature ranging from -40°C to +65°C and can be installed in outdoor cabinets.

A. TRUE

B. FALSE

**Answer: A (LEAVE A REPLY)**

\* Environmental Tolerance of Huawei NetEngine 8000 Series:

\* The Huawei NetEngine 8000 series is designed for robust performance in challenging environments, including extreme temperatures.

\* Temperature Range and Outdoor Installation:

\* These routers are certified to operate in temperatures ranging from -40°C to +65°C, making them suitable for deployment in outdoor cabinets or harsh conditions.

\* Conclusion: The statement is TRUE because the NetEngine 8000 series supports the specified temperature range and can be installed in outdoor cabinets.

References:

\* HCSA-Presales-IP Network V3.0 Training Material, Chapter 4: Router Product Portfolio.

\* Huawei NetEngine 8000 Series Product Documentation.

**NEW QUESTION: 135**

In a data center solution, high reliability is required for key services. Which modules (components) of CE switches can support hot backup?

A. Main processing unit

B. Power supply

C. Fabric card

D. Fan

**Answer: B,C (LEAVE A REPLY)**

**NEW QUESTION: 136**

AR101GW-Lc-S is the lowest-end desktop router in the AR G3 series that supports 4G and Wi-Fi functions. The upcoming desktop router NetEngineAR651C can replace AR101GW-Lc-S.

A. False

B. True

**Answer: A (LEAVE A REPLY)**

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**NEW QUESTION: 137**

On a network where SNMP is used for network management, each managed device needs to run an agent process. Which protocol message do the management process and agent process communicate with each other through?

- A. YANG
- B. HTTP
- C. NETCONF
- D. SNMP

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 138**

VS (Virtual System) is 1:16 for CloudEngine 12800

- A. TRUE
- B. FALSE

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 139**

What challenges do large numbers of branches bring to enterprise WAN interconnection?

- A. Long time to provision new services in branches
- B. Poor experience with key applications
- C. High O&M costs
- D. Difficulties in rectifying faults on branch networks

Answer: **A,B,C,D** ([LEAVE A REPLY](#))

**NEW QUESTION: 140**

A higher antenna gain indicates stronger signals and more coverage. Therefore, an AP with a higher antenna gain which is within the specified range of country is preferred.

- A. TRUE
- B. FALSE

Answer: **A** ([LEAVE A REPLY](#))

**NEW QUESTION: 141**

In Huawei's DDoS defense solution, what are the advantages and selling points? (Multiple choice)

- A. Diverse cleaning modes: supports both packet-by-package cleaning and flow-by-flow cleaning
- B. Supports application layer attack defense, 60+ traffic models, and million-level IP reputation database
- C. Smooth evolution and effective protection of customer investment: support local hardware product protection and cloud-based anti-cleaning service linkage solutions
- D. Large traffic defense capability, a single product supports up to Level I traffic defense
- E. Support IPv4 and IPv6 dual lines

**Answer: A,B,C,D,E (LEAVE A REPLY)**

#### **NEW QUESTION: 142**

What measures are taken to allow Huawei outdoor APs to withstand harsh environments? (Multiple Choice)

- A. Comply with IP67 for waterproofing
- B. Working temperature range is -40 to 60
- C. Working humidity is 0% to 100% (non-condensing)
- D. Supports a built-in 6 kV surge protector for antenna and feeder

**Answer: A,B,C,D (LEAVE A REPLY)**

#### **NEW QUESTION: 143**

What are the main classic application scenarios of agile distribution? (Multiple choice)

- A. Hospital ward
- B. Student dormitory
- C. Hotel Room
- D. Coverage in this compartment

**Answer: A,B,C (LEAVE A REPLY)**

#### **NEW QUESTION: 144**

If partners violate cyber security requirements stipulated in the agreements, Huawei is entitled to revoke the license and authorization in the agreement, or terminate the agreements.

- A. False
- B. True

**Answer: B (LEAVE A REPLY)**

#### **NEW QUESTION: 145**

Which one of following channel planning is more reasonable when multiple APs are deployed?

- A. 2, 7, 12

B. 1, 5, 10

C. 1, 2, 3

D. 1, 6, 11

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 146**

Which of the following interfaces are WAN side interface types that the SD-WAN solution can support? (Multiple choice)

A. GE.

B. LTE

C. FE

D. ADSL

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 147**

At present, the demand for 10G electrical port models is still met by CE6856. In July 2020, CE6881 electrical port models will be released to achieve continuous replacement.

A. False

B. True

Answer: B ([LEAVE A REPLY](#))

**NEW QUESTION: 148**

Which industries are Huawei CloudWAN products and solutions focused on?

A. ISP

B. Transportation

C. Finance

D. Government/Education

E. Energy

Answer: A,B,C,D,E ([LEAVE A REPLY](#))

**NEW QUESTION: 149**

Which of the following deployment modes are supported by AR routers?

A. DHCP option-based deployment

B. Email-based deployment

C. USB-based deployment

D. DCN deployment

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 150**

How many fan frames does Huawei data center switch CE16808 have?

A. 1

- B. 4
- C. 2
- D. 3

Answer: ([SHOW ANSWER](#))

**NEW QUESTION: 151**

Compared with the traditional SNMP protocol, Telemetry can achieve \_\_\_\_\_ level data collection.

- A. millisecond-level
- B. second-level
- C. 5-minute
- D. microsecond-level

Answer: B ([LEAVE A REPLY](#))

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**NEW QUESTION: 152**

It supports unified management of various security devices, including firewalls, IPS devices, and anti-DDoS devices, and allows automatic deployment of security services as well as centralized management of network-wide security policies.

Which of the following is it?

- A. SecoManager
- B. USG
- C. eSight
- D. iMaster NCE

Answer: A ([LEAVE A REPLY](#))

**NEW QUESTION: 153**

Which of the following technologies are key technologies used in WiFi-6? (Multiple choice)

- A. BSSColor
- B. OFDMA
- C. ULMU-MINO
- D. TWT

**Answer: A,B,C,D ([LEAVE A REPLY](#))**

**NEW QUESTION: 154**

Which of the following are highlights of the Huawei solution in this project?

- A. A single network is for multiple purposes, with unmatched multi-service support
- B. Huawei's VXLAN solution uses proprietary protocols on the control plane to ensure vendor lock-in
- C. The campus core uses 100GE and 40GE, eliminating forwarding bottlenecks
- D. Policy configuration using the natural language achieves automated policy deployment

**Answer: A,C,D ([LEAVE A REPLY](#))**

**NEW QUESTION: 155**

Which protocol is used in Huawei's SD-WAN solution to encrypt user data?

- A. IPsec
- B. SSH
- C. SSL
- D. DTLS

**Answer: A ([LEAVE A REPLY](#))**

**NEW QUESTION: 156**

The wireless frequency band used by WLAN is?

- A. 800MHz and 1800MHz
- B. 2.4GHz and 5GHz
- C. 5GHz and 8GHz
- D. 400MHz and 800MHz

**Answer: B ([LEAVE A REPLY](#))**

**NEW QUESTION: 157**

FabricInsight can detect more than 75 types of faults within 1 minute, locate faults within 3 minutes, and rectify faults within 5 minutes.

- A. True
- B. False

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 158**

Which is not AR series model?

- A. AR550
- B. AR3260
- C. AR520
- D. AR510

**Answer: C ([LEAVE A REPLY](#))**

**NEW QUESTION: 159**

10 Gigabit Smart Park KM3-2, what options does 3 include? (Multiple choice)

- A. Wisdom
- B. Extra wide
- C. Safety
- D. open
- E. Minimalist

**Answer: (SHOW ANSWER)**

**NEW QUESTION: 160**

When CloudEngine virtualized as Core of DC and Core of Campus using only one physical device, the service should separate with each other. So () is just the features

- A. CSS
- B. SVF
- C. Trill
- D. VS

**Answer: D (LEAVE A REPLY)**

**NEW QUESTION: 161**

Huawei's USG series firewalls support the anti-DDoS function and can completely replace independent anti-DDoS products to prevent DDoS attacks.

- A. TRUE
- B. FALSE

**Answer: B (LEAVE A REPLY)**

While Huawei's USG series firewalls include basic anti-DDoS capabilities, they are not designed to completely replace standalone anti-DDoS products. Firewalls primarily focus on access control, threat prevention, and policy enforcement, whereas dedicated anti-DDoS solutions offer advanced features like large-scale traffic scrubbing, anomaly detection, and mitigation for massive DDoS attacks. For environments facing sophisticated or volumetric DDoS threats, standalone anti-DDoS appliances or cloud-based services are recommended to complement firewall capabilities.

References:

HCSA-Presales-IP Network Study Guide, Section: "Firewall vs. Anti-DDoS Solutions."

Huawei USG Series Firewall Product Documentation, Anti-DDoS Features.

**NEW QUESTION: 162**

Which O&M methods are supported by AR G3 routers?

- A. SNMP management
- B. USB-based batch deployment
- C. Web GUI

D. Command Line Interface (CLI)

**Answer: A,C,D ([LEAVE A REPLY](#))**

**NEW QUESTION: 163**

The S5720-LI competes against the Cisco C2960X.

A. False

B. True

**Answer: B ([LEAVE A REPLY](#))**

**NEW QUESTION: 164**

Huawei CloudEngine S12700E is Huawei's high-end campus modular switch. Which of the following are Huawei CloudEngine S12700E highlight features?

A. Redundancy design for key components, ensuring 99.999% reliability

B. Powerful slot forwarding capability, building Wi-Fi 6 high-speed channels

C. Ultra-large buffer and HQoS scheduling, delivering optimal user experience of key applications

D. Control and switching separation, on-demand configuration, and flexible capacity expansion

**Answer: A,B,C,D ([LEAVE A REPLY](#))**

**NEW QUESTION: 165**

Which frequency bands are used by 802.11 standard?

A. 800MHz and 1800MHz

B. 400MHz and 800MHz

C. 5GHz and 8GHz

D. 2.9GHz and 5GHz

**Answer: ([SHOW ANSWER](#))**

**NEW QUESTION: 166**

The following APs that support PoEOUT include ( )

A. AP4050DN-E

B. AP4050DN-HD

C. AP2050DN-E

D. AP4030TN

**Answer: A,B,C ([LEAVE A REPLY](#))**

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### NEW QUESTION: 167

Huawei CloudCampus 3.0 solution implements a fully-wireless intelligent cloud campus network, inspiring digital innovation. Which of the following benefits description of Huawei CloudCampus 3.0 solution is not correct?

- A. One global network: 40% lower private line costs
- B. L3 autonomous driving: 90% fewer complaints
- C. Low-carbon intelligence: 60% smaller energy consumption of the entire network
- D. Fully-wireless experience: 40% higher productivity

**Answer: C (LEAVE A REPLY)**

\* Overview of Huawei CloudCampus 3.0:

\* Huawei CloudCampus 3.0 is designed to provide a fully-wireless, intelligent, and cloud-based campus network solution. It focuses on improving efficiency, reducing costs, and enabling digital transformation.

\* Analyzing Each Option:

\* Option A:"One global network: 40% lower private line costs" is correct. Huawei CloudCampus

3.0 reduces private line costs by leveraging cloud-based technologies and SD-WAN solutions.

\* Option B:"L3 autonomous driving: 90% fewer complaints" is correct. The solution uses AI- driven automation to minimize network issues and improve user satisfaction.

\* Option C:"Low-carbon intelligence: 60% smaller energy consumption of the entire network" is not correct. While Huawei emphasizes energy efficiency, the claim of a 60% reduction in energy consumption is exaggerated and not supported by official documentation.

\* Option D:"Fully-wireless experience: 40% higher productivity" is correct. The fully-wireless architecture enhances user experience and productivity.

\* Conclusion:The incorrect benefit description is Option C.

References:

\* HCSA-Presales-IP Network V3.0 Training Material, Chapter 8: Campus Network Solutions.

\* Huawei CloudCampus Solution Brochure.

### NEW QUESTION: 168

The maximum device management scale supported by Huawei data center SDN controller is ()

- A. 4200 units

- B. 400 units
- C. 100 units
- D. 2000 units

**Answer: A (LEAVE A REPLY)**

**NEW QUESTION: 169**

Which of the Juniper product are corresponding to Huawei NE20E-S series product?

(Multiple Choice)

- A. MX104
- B. M120
- C. M960
- D. M320

**Answer: A,B,D (LEAVE A REPLY)**

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