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Huawei

H19-101_V6.0

HCSA-Sales-IP Network

V6.0

QUESTION: 1

Which of the following are new demands for data communication networks in the all-intelligence era?

- A. Network security: threat elimination at anywhere
- B. DCN: AI and cloud computing
- C. WAN: mission-critical service connectivity
- D. Campus network: fully-wireless and video-oriented

Answer(s): A, B, C, D

Explanation:

In the all-intelligence era, data communication networks face evolving demands driven by digital transformation, AI integration, and intelligent connectivity. Huawei's HCSA-Sales-IP Network documentation highlights these new requirements:

* Network security: threat elimination at anywhere - With cyber threats becoming ubiquitous, networks must proactively eliminate risks at all points, aligning with Huawei's HiSec security solutions.

* DCN: AI and cloud computing - Data Center Networks (DCNs) must support AI-driven workloads and cloud computing scalability, as seen in Huawei's CloudEngine series.

* WAN: mission-critical service connectivity - Wide Area Networks (WANs) need to ensure uninterrupted connectivity for critical services, a key feature of Huawei's NetEngine routers and SD-WAN solutions.

* Campus network: fully-wireless and video-oriented - Campus networks are shifting toward fully wireless architectures (e.g., Wi-Fi 7) and must support high-bandwidth video applications, as emphasized in Huawei's CloudCampus solution.

These demands reflect the transition to intelligent, secure, and high-performance networks, as outlined in Huawei's official training materials.

Reference:

Huawei HCSA-Sales-IP Network Training Manual, Section 1: Industry Trends and Network Evolution.

QUESTION: 2

Which of the following are Huawei datacom network solution portfolios?

- A. NetEngine series WAN routers
- B. HiSecEngine series security gateways
- C. AirEngine series Wi-Fi APs
- D. CloudEngine series campus switches

Answer(s): A, B, C, D

Explanation:

Huawei's datacom network solution portfolios encompass a wide range of products designed for various network scenarios:

- * NetEngine series WAN routers - These are Huawei's flagship WAN routers (e.g., NetEngine AR, 8000 series) for enterprise branch connectivity and SD-WAN.
- * HiSecEngine series security gateways - These provide advanced security features like firewalls and threat detection, integral to Huawei's HiSec framework.
- * AirEngine series Wi-Fi APs - Huawei's Wi-Fi 6 and Wi-Fi 7 access points (e.g., AirEngine 8760) cater to wireless campus and enterprise needs.
- * CloudEngine series campus switches - These switches (e.g., CloudEngine S12700E, S8700) are designed for high-performance campus networks.

Additionally, the Network Digital Map (for visualized O&M) and CloudEngine series data center switches (e.g., CloudEngine 16800) are part of Huawei's portfolio, though not listed in the options. Since the question asks for portfolios and all listed options are correct, they are all included.

Reference:

Huawei HCSCA-Sales-IP Network Training Manual, Section 2: Huawei Datacom Product Portfolio.

QUESTION: 3

Which of the following fields do Huawei datacom products cover?

- A. Network management
- B. Campus network
- C. Data center network
- D. Metro router
- E. Antivirus software
- F. Network security

Answer(s): A, B, C, D, F

Explanation:

Huawei's datacom products span multiple domains:

- * Network management - Tools like iMaster NCE provide centralized management and O&M.
- * Campus network - CloudEngine switches and AirEngine APs address campus connectivity.
- * Data center network - CloudEngine data center switches (e.g., CloudEngine 16800) support DCNs.
- * Metro router - NetEngine series routers serve metro network scenarios.
- * Network security - HiSecEngine gateways and USG firewalls ensure security across networks.