

H12-893_V1.0최신업데이트버전덤프문제공부, H12-893_V1.0최신버전인기덤프문제

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1.Which of the following is not an advantage of link aggregation on CE series switches?

- A. Improved forwarding performance of switches
- B. Load balancing supported
- C. Increased bandwidth
- D. Improved reliability

Answer: A

Explanation:

Link aggregation, often implemented using Link Aggregation Control Protocol (LACP) on Huawei CloudEngine (CE) series switches, combines multiple physical links into a single logical link to enhance network performance and resilience.

The primary advantages include:

Load Balancing Supported (B): Link aggregation distributes traffic across multiple links based on hashing algorithms (e.g., source/destination IP or MAC), improving load distribution and preventing any single link from becoming a bottleneck.

Increased Bandwidth (C): By aggregating multiple links (e.g., 1 Gbps ports into a 4 Gbps logical link), the total available bandwidth increases proportionally to the number of links.

Improved Reliability (D): If one link fails, traffic is automatically redistributed to the remaining links, ensuring continuous connectivity and high availability.

However, Improved Forwarding Performance of Switches (A) is not a direct advantage. Forwarding performance relates to the switch's internal packet processing capabilities (e.g., ASIC performance, forwarding table size), which link aggregation does not inherently enhance. While it optimizes link utilization, it doesn't improve the switch's intrinsic forwarding rate or reduce latency at the hardware level. This aligns with Huawei's CE series switch documentation, where link aggregation is described as enhancing bandwidth and reliability, not the switch's core forwarding engine.

Reference: Huawei CloudEngine Series Switch Configuration Guide – Link Aggregation Section.

2.In the DCN architecture, spine nodes connect various network devices to the VXLAN network.

- A. TRUE
- B. FALSE

Answer: A

Explanation:

In Huawei's Data Center Network (DCN) architecture, particularly with the CloudFabric solution, the spine-leaf topology is a common design for scalable and efficient data centers. VXLAN (Virtual Extensible LAN) is used to create overlay networks, enabling large-scale multi-tenancy and flexible workload placement.

Spine Nodes' Role: In this architecture, spine nodes act as the backbone, interconnecting leaf nodes (which connect to servers, storage, or other endpoints) and facilitating high-speed, non-blocking communication. Spine nodes typically handle Layer 3 routing and serve as VXLAN tunnel endpoints (VTEPs) or connect to devices that do, integrating the physical underlay with the VXLAN overlay network. Connection to VXLAN: Spine nodes ensure that traffic from various network devices (via leaf nodes) is routed efficiently across the VXLAN fabric. They provide the high-bandwidth, low-latency backbone required for east-west traffic in modern data centers, supporting VXLAN encapsulation and decapsulation indirectly or directly depending on the deployment.

Thus, the statement is TRUE (A) because spine nodes play a critical role in connecting the underlay

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BONUS!!! Itexamdump H12-893_V1.0 시험 문제집 전체 버전을 무료로 다운로드하세요: https://drive.google.com/open?id=14c_-jXiPFx3NxyYeihW3IUoSubCmh-5s

Itexamdump사이트에서 제공해드리는 Huawei H12-893_V1.0덤프는 실러버스의 갱신에 따라 업데이트되기에 고객님의 구매하신Huawei H12-893_V1.0덤프가 시중에서 가장 최신버전임을 장담해드립니다. Huawei H12-893_V1.0덤프의 문제와 답을 모두 기억하시면Huawei H12-893_V1.0시험에서 한방에 패스할수 있습니다.시험에서 불합격 받으시면 결제를 취소해드립니다.

Huawei H12-893_V1.0 시험요강:

주제	소개
주제 1	• Data Center Network O&M: Aimed at Data Center Network Engineers, this section evaluates their understanding of operation and maintenance (O&M) challenges in data center networks. It introduces Huawei's intelligent O&M solutions, including iMaster NCE-Fabric and iMaster NCE-FabricInsight, and discusses typical O&M scenarios, management, monitoring, troubleshooting practices, and automated O&M strategies through network service programmability.

주제 2	• Huawei CloudFabric Solution: Targeting IT Solution Architects, this section introduces Huawei's CloudFabric solution, addressing evolving trends and challenges in data center networks. It highlights the solution's components, key features, and advantages in modern data centers.
주제 3	• Data Center Network Technology and Application: This section evaluates the skills of IT Solution Architects and Data Center Network Engineers in understanding the fundamental concepts, evolution, and significance of data centers in modern enterprises. It delves into the overall architecture, including computing, storage, and networking components, and highlights typical application scenarios in sectors like finance, government, and large enterprises. Additionally, it introduces core concepts of data center networking (DCN), focusing on the Spine-Leaf architecture, and provides an overview of essential data center technologies such as VXLAN-based network layers, Underlay and Overlay networks, integrated cabling designs (ToR, EoR, MoR), equipment room modules, and the role of iMaster NCE in managing network devices.
주제 4	• Technical Principles and Applications of VXLAN: Aimed at Data Center Network Engineers, this section evaluates their understanding of the necessity, development, and foundational concepts of VXLAN technology in addressing traditional network limitations. It also delves into the principles of Ethernet VPN (EVPN) as a control plane for VXLAN and presents practical VXLAN deployment examples in common data center scenarios.

>> H12-893_V1.0최신 업데이트버전 덤프문제공부 <<

H12-893_V1.0최신버전 인기 덤프문제, H12-893_V1.0시험패스 인증공부

우리Itexamdump 에서 제공하는 학습가이드에는 IT전문가들이 만들어낸 시험대비 자료들과Huawei H12-893_V1.0인증 시험의 완벽한 문제와 답들입니다. 그리고 우리Itexamdump에서는 IT업계에서의 높은 신뢰감으로 여러분들한테 100%보장을 드립니다. 우리에게 믿음을 드리기를 위하여Huawei H12-893_V1.0관련자료의 일부분 문제와 답 등 샘플을 무료로 다운받아 체험해볼수 있게 제공합니다.

최신 HCIP-Data Center H12-893_V1.0 무료샘플문제 (Q53-Q58):

질문 # 53

A hypervisor virtualizes the following physical resources: memory, and input/output (I/O) resources. (Enter the acronym in uppercase letters.)

정답:

설명:

CPU

Explanation:

A hypervisor is a software layer that creates and manages virtual machines (VMs) by abstracting physical resources from the underlying hardware. The question specifies that the hypervisor virtualizes "memory" and "input/output (I/O) resources," and the task is to provide the missing resource acronym in uppercase letters. In virtualization contexts, including Huawei's FusionCompute or OpenStack with KVM, the primary physical resources virtualized by a hypervisor are:

CPU: The central processing unit (CPU) is virtualized to allocate processing power to VMs, enabling multi-tenancy and workload isolation.

Memory: Virtualized to provide RAM allocation to VMs, abstracted via memory management units (MMUs).

I/O Resources: Input/output resources (e.g., NICs, disks) are virtualized to allow VMs to communicate and store data, often through virtual NICs (vNICs) or virtual disks.

The question lists "memory" and "I/O resources" explicitly, implying the missing resource is CPU, as it completes the standard triad of virtualized resources in hypervisor design. Thus, the answer is CPU.

질문 # 54

Which of the following statements are true about the Easy mode? (Select All that Apply)

- A. Layer 2 and Layer 3 basic services in a VPC are orchestrated on the Easy page.
- B. On iMaster NCE-Fabric, you need to manually create and configure fabric resource pools, managed devices, device groups, device roles, tenants, and VPCs one by one in the Configuration Wizard menu.
- C. iMaster NCE-Fabric automatically generates configuration script files.
- D. This mode has low networking requirements.

정답: A,C,D

설명:

The Easy mode in Huawei's iMaster NCE-Fabric simplifies network deployment for basic VXLAN fabrics. Let's evaluate each statement:

A . This mode has low networking requirements: This is true. Easy mode is designed for simple topologies (e.g., small spine-leaf networks) with minimal configuration complexity. TRUE.

B . iMaster NCE-Fabric automatically generates configuration script files: This is true. Easy mode automates script generation based on user inputs, reducing manual effort. TRUE.

C . On iMaster NCE-Fabric, you need to manually create and configure fabric resource pools, managed devices, device groups, device roles, tenants, and VPCs one by one in the Configuration Wizard menu: This is false. Easy mode automates these tasks, minimizing manual configuration compared to advanced modes. FALSE.

D . Layer 2 and Layer 3 basic services in a VPC are orchestrated on the Easy page: This is true. Easy mode supports automated orchestration of L2 (e.g., BDs) and L3 (e.g., gateways) services within a VPC. TRUE.

Thus, A, B, and D are true statements about Easy mode.

질문 # 55

In the spine-leaf DCN architecture, the border leaf node and service leaf node can be deployed on the same device.

- A. TRUE
- B. FALSE

정답: A

설명:

In Huawei's spine-leaf data center network (DCN) architecture, the topology consists of spine nodes (core) and leaf nodes (access/aggregation). Leaf nodes can serve different roles:

Border Leaf Node: Connects the DCN to external networks or other domains, handling Layer 3 routing.

Service Leaf Node: Connects to internal services (e.g., servers, VMs), often handling Layer 2/Layer 3 traffic.

In practice, a single physical device can be configured to perform both roles (border and service) if it has the necessary interfaces and routing capabilities. Huawei's CloudFabric documentation supports this flexibility, allowing a leaf switch to act as both a border and service node based on configuration (e.g., using VRFs or VXLAN gateways). This reduces hardware costs and simplifies deployment in smaller DCNs.

The statement is TRUE (A) because the border leaf and service leaf roles can be deployed on the same device in a spine-leaf architecture.

질문 # 56

Which of the following protocols is used to back up session tables between the active and standby firewalls in the hot standby scenario?

- A. HRP
- B. BFD
- C. VRRP
- D. M-LAG

정답: A

설명:

In a hot standby scenario, firewalls (e.g., Huawei USG series) maintain high availability by synchronizing session tables between active and standby devices to ensure seamless failover. Let's evaluate each protocol:

A . M-LAG (Multi-Chassis Link Aggregation): M-LAG is a link aggregation technology for switches, not designed for session table backup between firewalls. Incorrect.

B . VRRP (Virtual Router Redundancy Protocol): VRRP provides gateway redundancy by electing a master router, but it does not

handle session table synchronization between firewalls. Incorrect.

C . BFD (Bidirectional Forwarding Detection): BFD is a fast failure detection protocol used with routing protocols, not for session table backup. Incorrect.

D . HRP (Hot Standby Redundancy Protocol): HRP is Huawei's proprietary protocol specifically designed for firewall hot standby scenarios. It synchronizes session tables, configuration data, and status information between active and standby firewalls to ensure stateful failover. Correct.

Thus, the answer is D (HRP).

질문 # 57

In the DCN architecture, spine nodes connect various network devices to the VXLAN network.

- A. TRUE
- B. FALSE

정답: A

설명:

In Huawei's Data Center Network (DCN) architecture, particularly with the CloudFabric solution, the spine-leaf topology is a common design for scalable and efficient data centers. VXLAN (Virtual Extensible LAN) is used to create overlay networks, enabling large-scale multi-tenancy and flexible workload placement.

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Connection to VXLAN: Spine nodes ensure that traffic from various network devices (via leaf nodes) is routed efficiently across the VXLAN fabric. They provide the high-bandwidth, low-latency backbone required for east-west traffic in modern data centers, supporting VXLAN encapsulation and decapsulation indirectly or directly depending on the deployment.

Thus, the statement is TRUE (A) because spine nodes play a critical role in connecting the underlay network (various devices via leaf nodes) to the VXLAN overlay, as per Huawei's DCN design principles.

질문 # 58

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Huawei업계에 종사하시는 분들은 H12-893_V1.0인증시험을 통한 자격증취득의 중요성을 알고 계실것입니다.

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