

Huawei H12-893_V1.0 Prüfungen, H12-893_V1.0 Antworten

Huawei H12-891_V1.0-ENU Practice Questions

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Die Huawei H12-893_V1.0 Zertifizierungsprüfung ist eine IT-Zertifizierung, die in der IT-Branche breite Anerkennung findet. Leute auf der ganzen Welt interessieren sich für die Huawei H12-893_V1.0 Zertifizierungsprüfung. Denn mit dieser Zertifizierung können Sie erfolgreiche Karriere machen und Erfolg erzielen. Die Schulungsunterlagen zur Huawei H12-893_V1.0 Zertifizierungsprüfung von It-Pruefung ist immer vorrangiger als die der anderen Websites. Denn wir haben ein riesiges IT-Expertenteam. Sie erfolgen immer die neuesten Schulungsunterlagen zur Huawei H12-893_V1.0 Zertifizierungsprüfung.

Huawei H12-893_V1.0 Prüfungsplan:

Thema	Einzelheiten
Thema 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.

Thema 2	• Data Center Network Planning and Deployment: This section assesses Data Center Network Engineers' skills in planning, designing, and deploying data center networks using the CloudFabric solution. It covers network architecture design, data planning, underlay and overlay network design, security considerations, management strategies, and provides a deployment guide for the CloudFabric solution in computing scenarios, including pre-configuration, service provisioning, and simplified deployment processes.
Thema 3	• 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.

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H12-893_V1.0 Übungsfragen: HCIP-Data Center Network V1.0 & H12-893_V1.0 Dateien Prüfungsunterlagen

Wenn Sie noch viel wertvolle Zeit und Energie für die Vorbereitung der Huawei H12-893_V1.0 Zertifizierungsprüfung benutzen und nicht wissen, wie man mühlos und effizient die Huawei H12-893_V1.0 Zertifizierungsprüfung bestehen kann, bieten jetzt It-Pruefung Ihnen eine effektive Methode, um die Huawei H12-893_V1.0 Zertifizierungsprüfung zu bestehen. Mit It-Pruefung würden Sie bessere Resultate bei weniger Einsatz erzielen.

Huawei HCIP-Data Center Network V1.0 H12-893_V1.0 Prüfungsfragen mit Lösungen (Q11-Q16):

11. Frage

In EVPN Type 3 routes, the MPLS Label field carries a Layer 3 VNI.

- A. FALSE
- B. TRUE

Antwort: A

Begründung:

EVPN (Ethernet VPN) is a control plane technology used with VXLAN in Huawei's data center networks to provide Layer 2 and Layer 3 connectivity. EVPN routes are advertised using BGP, with different types serving specific purposes. Type 3 routes (Inclusive Multicast Ethernet Tag routes) are used for multicast or BUM (Broadcast, Unknown Unicast, Multicast) traffic handling in VXLAN networks.

MPLS Label Field: In MPLS (Multiprotocol Label Switching), the label field is used to identify the forwarding equivalence class (FEC) or virtual circuit. In EVPN with VXLAN, MPLS labels can be used in underlay networks, but VXLAN itself relies on a VNI (VXLAN Network Identifier) in the VXLAN header for overlay segmentation.

Layer 3 VNI: A Layer 3 VNI is associated with inter-subnet routing in EVPN, typically carried in Type 5 routes (IP Prefix routes) for Layer 3 forwarding. Type 3 routes, however, focus on multicast distribution and carry a Layer 2 VNI or multicast group information, not a Layer 3 VNI.

MPLS Label in Type 3 Routes: The MPLS label in Type 3 routes, if used, identifies the VXLAN tunnel or multicast group, not a Layer 3 VNI. The Layer 3 VNI is specific to Type 5 routes for routing between subnets, not Type 3's multicast focus.

Thus, the statement is FALSE (B) because the MPLS Label field in EVPN Type 3 routes does not carry a Layer 3 VNI; it relates to Layer 2 multicast or tunnel identification.

12. Frage

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

Antwort:

Begründung:

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.

13. Frage

Which of the following statements is false about the overlay technology and VXLAN protocol?

- A. A VXLAN network is built based on UDP.
- B. VXLAN uses ECMP of the underlay network to improve network forwarding performance.
- C. A VXLAN tunnel endpoint that performs encapsulation is called a VNI.
- D. VXLAN expands the number of subnets to 16 million and supports multi-tenancy.

Antwort: C

Begründung:

VXLAN is an overlay technology that encapsulates Layer 2 frames within UDP packets to create scalable virtual networks, widely used in Huawei's data center architectures. Let's evaluate each statement:

A . A VXLAN tunnel endpoint that performs encapsulation is called a VNI: This is incorrect. A VXLAN Tunnel Endpoint (VTEP) is the device (physical or virtual) that performs encapsulation and decapsulation. The VNI (VXLAN Network Identifier) is a 24-bit field in the VXLAN header that identifies the virtual network, not the endpoint. FALSE.

B . VXLAN uses ECMP of the underlay network to improve network forwarding performance: Equal-Cost Multi-Path (ECMP) routing in the underlay network allows VXLAN to distribute traffic across multiple paths, enhancing load balancing and performance. This is a standard feature in Huawei's VXLAN implementations. TRUE.

C . A VXLAN network is built based on UDP: VXLAN encapsulates Ethernet frames within UDP packets (using port 4789), making it a UDP-based overlay protocol. This is a core characteristic of VXLAN. TRUE.

D . VXLAN expands the number of subnets to 16 million and supports multi-tenancy: With a 24-bit VNI, VXLAN supports up to 16 million (2

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