

# Quiz Pass-Sure Huawei - Latest H12-811\_V2.0 Exam Dumps



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## Huawei H12-811\_V2.0 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"> <li>Data Center Network Basics: Covers the architecture and key technologies used in modern data center networks including virtualization and high-availability design concepts.</li> </ul>
Topic 2	<ul style="list-style-type: none"> <li>Network Security and Services: Covers essential network security mechanisms including ACLs, AAA, NAT, and basic firewall concepts to protect network infrastructure.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>WLAN Technology Basics: Covers wireless LAN standards, components such as APs and ACs, WLAN architecture, and basic configuration principles.</li> </ul>

Topic 4	<ul style="list-style-type: none"> <li>• Typical Campus Networking Solution: Covers end-to-end campus network design scenarios, integrating switching, routing, security, and wireless technologies into a unified solution.</li> </ul>
Topic 5	<ul style="list-style-type: none"> <li>• Network O&amp;M and Troubleshooting: Covers network operation and maintenance practices, common diagnostic tools, and methodologies for identifying and resolving network faults.</li> </ul>
Topic 6	<ul style="list-style-type: none"> <li>• Ethernet Technology Basics: Covers Ethernet standards, switching principles, VLANs, and Layer 2 protocols used in enterprise network environments.</li> </ul>

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## 2026 Latest H12-811\_V2.0 Exam Dumps: Unparalleled HCIA-Datacom V2.0 100% Pass Quiz

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### Huawei HCIA-Datacom V2.0 Sample Questions (Q35-Q40):

#### NEW QUESTION # 35

The administrator configures an Eth-Trunk in LACP mode between two switches, and sets the maximum number of active links in the Eth-Trunk to 3 and the number of remaining standby links to 1. If one of the active links fails, the two switches automatically adjust the number of active links to 2 through negotiation, and the standby link remains in the standby state.

- A. TRUE
- B. FALSE

**Answer: B**

Explanation:

This statement is false . In an Eth-Trunk operating in LACP mode , if the administrator sets the maximum number of active links to 3 and there is 1 standby link, then when one active member fails, LACP can automatically promote the standby member to active status. The purpose of the standby member is to maintain the configured active-link capacity whenever possible.

Therefore, after one active link fails, the normal expectation is not that the active-link count is reduced from 3 to 2 while the standby link remains idle. Instead, the standby link should participate and replace the failed member, so that the Eth-Trunk continues operating with 3 active links if the standby link and negotiation conditions are normal. This reflects the redundancy and fast recovery capabilities of LACP-based aggregation. HCIA-Datacom highlights that compared with manual mode, LACP provides more intelligent link selection, active/standby management, and fault adaptation. The statement is wrong because it ignores the intended behavior of the standby link in maintaining the number of active forwarding links after a failure.

#### NEW QUESTION # 36

The emergence of AI poses new requirements on data center networks. To meet AI computing requirements, a high-speed intelligent computing data center network with zero packet loss needs to be constructed. Which of the following statements are false about the requirements and solutions of intelligent computing data center networks? (Select all that apply)

- A. Measures such as single-port ultra-high bandwidth and lossless network technologies can be used to achieve a network with close to zero packet loss, but not a truly lossless network.
- B. Lossless technologies such as PFC and ECN are used on the intelligent computing network to implement a network with zero packet loss.
- C. The RDMA protocol stack is used on the intelligent computing network to reduce the transmission latency between GPU

servers and physical switches.

- D. Due to large-scale data synchronization services on the intelligent computing network, a single port must have a high bandwidth, such as 200GE or 400GE.

**Answer: A,C**

Explanation:

The false statements are A and D. Option A is considered false in HCIA-Datacom wording because intelligent computing data center networks aim to build a lossless Ethernet fabric through coordinated technologies such as high-bandwidth interfaces, deep buffers, PFC, ECN, congestion control, and optimized forwarding. The exam-oriented knowledge point treats these technologies as solutions for a zero packet loss network design goal rather than stating that a truly lossless network cannot be achieved.

Option D is also false because RDMA is used to reduce end-to-end communication latency and CPU overhead between servers, especially for east-west traffic in AI and high-performance computing clusters. It is not specifically described as reducing latency between GPU servers and physical switches. That wording is inaccurate. Option B is true because PFC and ECN are standard lossless Ethernet technologies applied in intelligent computing networks. Option C is also true because AI training and distributed computing generate massive data synchronization traffic, requiring very high single-port bandwidth such as 200GE or 400GE. HCIA-Datacom highlights bandwidth, low latency, and lossless transport as the core requirements of intelligent computing data center networks.

### NEW QUESTION # 37

The undo command can be used in the CLI of a Huawei device to restore default settings, disable functions, or delete configurations. Which of the following are correct undo commands? (Select all that apply)

- A. [HUAWEI] interface GE 1/0/1  
[HUAWEI-GE1/0/1] ip address 10.12.1.1 24  
[HUAWEI-GE1/0/1] undo ip address
- B. [HUAWEI] interface GE 1/0/1  
[HUAWEI-GE1/0/1] undo portswitch  
[HUAWEI-GE1/0/1]
- C. < HUAWEI > system-view  
[HUAWEI] undo system-view  
< HUAWEI >
- D. [HUAWEI] sysname TEST  
[TEST] undo sysname  
[HUAWEI]

**Answer: A,B,D**

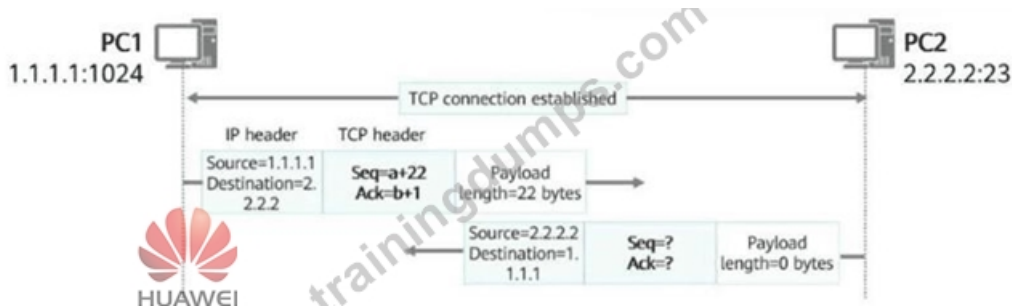
Explanation:

On Huawei devices, the undo command is used to remove a previously applied configuration, disable a function, or restore a parameter to its default state. In option B, undo ip address is a valid interface-view command that removes the IP address configured on the interface. In option C, undo portswitch is also a valid interface command on switch interfaces that converts a Layer 2 interface into a Layer 3 interface when supported by the device. In option D, undo sysname restores the device name to the default hostname, which is valid in system view.

Option A is incorrect because system-view is a command used to enter system view from user view, but undo system-view is not a valid command for exiting that view. Exiting system view is done with commands such as quit, return, or by using shortcut keys. This question checks the understanding that undo only applies to configurable features and parameters, not to view-switching commands in the CLI hierarchy.

### NEW QUESTION # 38

In the figure, a TCP connection has been established between PC1 and PC2. After PC1 sends a data segment to PC2, which of the following is the acknowledgment number in the packet returned by PC2?



- A.  $a+44$
- B.  $a+22$
- C.  $b+1$
- D.  $b+23$

**Answer: A**

Explanation:

In TCP, the acknowledgment number indicates the next byte that the receiver expects to receive. In the figure, PC1 sends a TCP segment to PC2 with sequence number =  $a+22$  and payload length = 22 bytes .

Since TCP sequence numbers count bytes, the last byte carried in this segment corresponds to sequence number  $a+43$  . Therefore, after PC2 successfully receives this data, it sends back an ACK indicating that the next expected byte is  $a+44$  .

That is why option B is correct. This is a standard TCP reliability mechanism. TCP does not acknowledge "packets" as units; it acknowledges the byte stream. The ACK number always points to the next byte expected from the peer. The source and destination port numbers identify the session, but the sequence and acknowledgment numbers track ordered delivery. HCIA-Datacom uses this mechanism to explain connection- oriented transport, reliable delivery, retransmission, and traffic control. Understanding how the payload length affects sequence progression is essential when analyzing packet captures and troubleshooting TCP communication problems in enterprise networks.

#### NEW QUESTION # 39

DAD enables a node to detect whether an IPv6 address is already in use by another node before assigning it to an interface. This ensures that duplicate unicast addresses do not exist on a network. Which of the following packets are used for DAD? (Select all that apply)

- A. RS
- B. NS
- C. RA
- D. NA

**Answer: B,D**

Explanation:

Duplicate Address Detection ( DAD ) is an IPv6 mechanism used to verify that a unicast address is not already in use before the address is assigned to an interface. DAD is implemented using Neighbor Solicitation (NS) and Neighbor Advertisement (NA) messages, which are part of the ICMPv6 Neighbor Discovery protocol. Therefore, options A and D are correct.

When a host wants to verify a tentative IPv6 address, it sends an NS message for that address. If another node on the link is already using that address, that node responds with an NA message, indicating the address is duplicated and cannot be assigned. If no NA is received within the required period, the host assumes the address is unique and can use it. Options B and C are incorrect because Router Solicitation (RS) and Router Advertisement (RA) are used for router discovery, prefix advertisement, and stateless address autoconfiguration, not for DAD itself. HCIA-Datacom emphasizes the distinction between Neighbor Discovery functions, including address resolution, next-hop reachability, router discovery, and duplicate address detection in IPv6 networks.

#### NEW QUESTION # 40

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