

New H12-831_V1.0 Study Materials, H12-831_V1.0 Valid Test Review



BONUS!!! Download part of PassCollection H12-831_V1.0 dumps for free: https://drive.google.com/open?id=18uCjy0XNnkxS1_Ezw-z_lIPyD56rdiwz

We know that tenet from the bottom of our heart, so all parts of service are made due to your interests. You are entitled to have full money back if you fail the exam even after getting our H12-831_V1.0 test prep. Our staff will help you with genial attitude. We esteem your variant choices so all these versions of H12-831_V1.0 Study Materials are made for your individual preference and inclination. Please get to know our H12-831_V1.0 study materials as follows.

Huawei H12-831_V1.0 Exam is an important certification for IT professionals who want to enhance their knowledge and skills in advanced routing and switching technologies. HCIP-Datacom-Advanced Routing & Switching Technology V1.0 certification demonstrates the candidate's expertise in Huawei networking technologies and provides them with the credentials necessary to advance their careers in the IT industry.

Huawei H12-831_V1.0 certification exam is designed for professionals who want to validate their knowledge and skills in advanced routing and switching technologies. HCIP-Datacom-Advanced Routing & Switching Technology V1.0 certification is intended for IT professionals who are looking for advanced-level training to design, build, and manage complex enterprise-level networks. H12-831_V1.0 Exam covers a wide range of topics, including advanced routing and switching technologies, network security, and virtualization.

>> New H12-831_V1.0 Study Materials <<

H12-831_V1.0 Valid Test Review, H12-831_V1.0 Latest Guide Files

Today is the right time to learn new and in demands skills. You can do this easily, just get registered in HCIP-Datacom-Advanced Routing & Switching Technology V1.0 H12-831_V1.0 certification exam and start preparation with Huawei H12-831_V1.0 exam dumps. The HCIP-Datacom-Advanced Routing & Switching Technology V1.0 H12-831_V1.0 pdf questions and practice test are ready for download. Just pay the affordable Huawei H12-831_V1.0 authentic dumps charges and click on the download button. Get the Channel Partner Program HCIP-Datacom-Advanced Routing & Switching Technology V1.0 H12-831_V1.0 latest dumps and start preparing today.

Huawei H12-831_V1.0-ENU exam covers a wide range of topics related to advanced routing and switching technologies, including OSPF, BGP, MPLS, VRRP, and more. Candidates will also be tested on their knowledge of network design, network security, and network troubleshooting. H12-831_V1.0 Exam consists of 60 questions and has a time limit of 90 minutes.

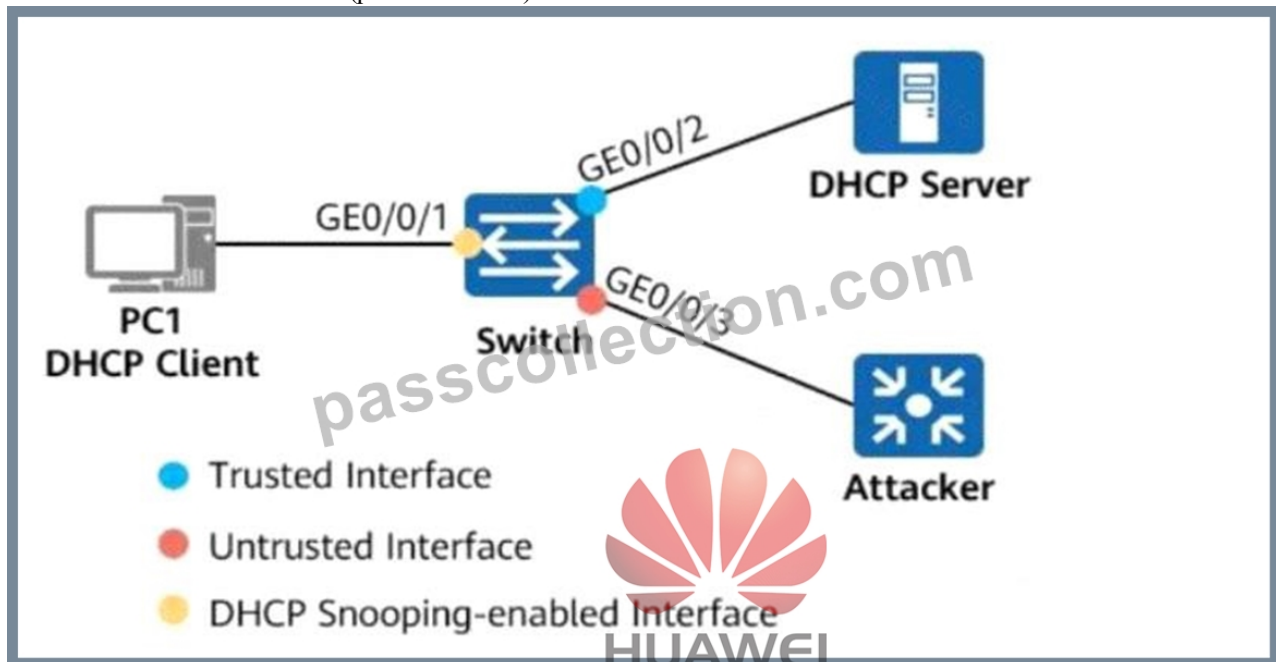
Huawei HCIP-Datacom-Advanced Routing & Switching Technology V1.0 Sample Questions (Q40-Q45):

NEW QUESTION # 40

On the network shown in the figure, the network administrator configures the DHCP snooping trust function on the switch.

* GE0/0/2 is a trusted interface (connected to the DHCP Server).

* GE0/0/3 is an untrusted interface (potential attacker).



Which of the following statements are true about the two interfaces?

Options:

- A. When receiving a DHCP request packet on GE0/0/3, the switch forwards the packet through GE0/0/2.
- B. When receiving a DHCP request packet on GE0/0/2, the switch forwards the packet through GE0/0/3.
- C. When receiving a DHCP response packet on GE0/0/3, the switch forwards the packet through GE0/0/1.
- D. When receiving a DHCP response packet on GE0/0/2, the switch forwards the packet through GE0/0/1.

Answer: A,D

Explanation:

Comprehensive and Detailed In-Depth Explanation:

1. Understanding DHCP Snooping

DHCP Snooping is a security feature that filters untrusted DHCP messages to prevent attacks such as:

- * Rogue DHCP servers distributing incorrect IP addresses.
- * DHCP starvation attacks.

In DHCP Snooping, switch ports are classified as:

- * Trusted Interfaces: Allow both DHCP requests and DHCP responses to pass through.
- * Untrusted Interfaces: Allow only DHCP requests but drop DHCP responses (to prevent rogue DHCP servers).

2. Analyzing Each Answer Option

* Option A: "When receiving a DHCP response packet on GE0/0/2, the switch forwards the packet through GE0/0/1."

* Correct.

* GE0/0/2 is a trusted interface (connected to the DHCP server).

* DHCP responses (ACK, NAK, OFFER) come from the DHCP Server.

* Since DHCP responses are allowed on trusted interfaces, the switch forwards them to the client (PC1) via GE0/0/1.

* Option B: "When receiving a DHCP request packet on GE0/0/2, the switch forwards the packet through GE0/0/3."

* Incorrect.

* DHCP requests originate from clients (PC1, attackers, etc.), not from the DHCP server.

* The DHCP request should be forwarded to the DHCP server via a trusted interface (not GE0/0/3, which is untrusted).

* Option C: "When receiving a DHCP response packet on GE0/0/3, the switch forwards the packet through GE0/0/1."

* Incorrect.

* GE0/0/3 is an untrusted interface (connected to the attacker).

* DHCP responses (ACK, OFFER) from untrusted interfaces are dropped to prevent rogue DHCP attacks.

* The switch will not forward the packet.

- * Option D: "When receiving a DHCP request packet on GE0/0/3, the switch forwards the packet through GE0/0/2."
- * Correct.
- * DHCP requests originate from clients (PC1 or attacker).
- * Since DHCP requests are allowed on untrusted interfaces, the switch forwards them to the DHCP server via the trusted interface (GE0/0/2).

Final Answer:

A and D are correct.

HCIP-Datacom-Advanced Routing & Switching Technology References:

- * DHCP Snooping and Port Trust Classification
- * How Trusted and Untrusted Ports Handle DHCP Packets
- * Preventing Rogue DHCP Servers Using DHCP Snooping

NEW QUESTION # 41

From the user's point of view, any phenomenon that affects the business can be defined as a failure.

- A. FALSE
- B. TRUE

Answer: B

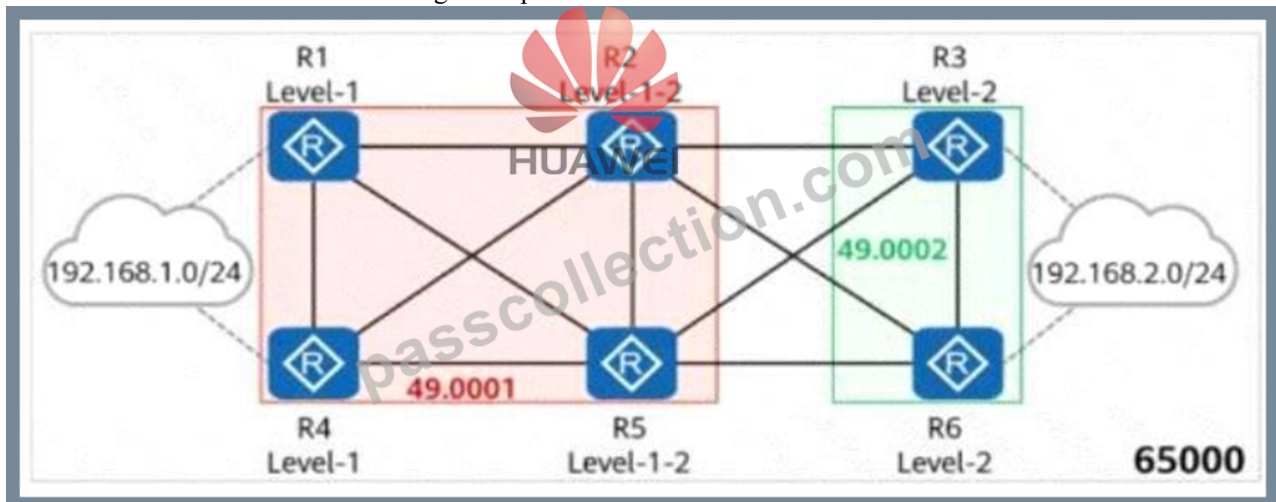
NEW QUESTION # 42

On the network shown in the figure, IS-IS runs on R1, R2, R4, and R5, and the area ID is 49.0001. IS-IS runs on R3 and R6, and the area ID is 49.0002. The import-route is level-2 into level-1 command is configured on R2.

In AS 65000, R1, R3, R4, and R6 each establish iBGP peer relationships with R2 and R5. R2 and R5 are Route Reflectors (RRs), and R1, R4, R3, and R6 are clients.

An iBGP peer relationship is established between R2 and R5, and the same cluster ID is configured. The iBGP peer relationships are established using Loopback0. The IP address of Loopback0 on each router is 10.0.X.X/32, where X is the router number.

R1 and R4 import the external route 192.168.1.0/24 to BGP through the import-route command, and R3 and R6 import the external route 192.168.2.0/24 to BGP through the import-route command.



Which of the following statements are true?

- A. The BGP routing table of R3 contains one valid route to 192.168.2.0/24.
- B. The BGP routing table of R5 contains two valid routes to 192.168.1.0/24.
- C. The BGP routing table of R4 contains three valid routes to 192.168.2.0/24.
- D. The BGP routing table of R2 contains three valid routes to 192.168.1.0/24.

Answer: B,C,D

Explanation:

Comprehensive and Detailed In-Depth Explanation:

Understanding the BGP and IS-IS Network Topology in the Question:

* IS-IS Areas:

* Area 49.0001 (Level-1 IS-IS): R1, R2, R4, R5.

- * Area 49.0002 (Level-2 IS-IS): R3, R6.
- * R2 acts as an ABR (Area Border Router) and redistributes routes between Level-1 and Level-2 using import-route isis level-2 into level-1.
- * BGP Route Reflection & Peering:
- * R2 and R5 are Route Reflectors (RRs).
- * iBGP peering is established among all routers (R1, R2, R3, R4, R5, R6).
- * R1 and R4 import 192.168.1.0/24 into BGP, meaning this prefix will be advertised to all iBGP peers.
- * R3 and R6 import 192.168.2.0/24 into BGP, meaning this prefix will also be advertised to all iBGP peers.

Route Distribution Analysis:

Route to 192.168.1.0/24 (Imported by R1 & R4):

- * R1 and R4 advertise 192.168.1.0/24 into iBGP.
- * Since R2 and R5 are Route Reflectors (RRs), they will reflect these routes to all their iBGP clients (R1, R3, R4, R6).
- * R2 learns two valid routes to 192.168.1.0/24 (from R1 and R4).
- * R5, as another RR, learns both routes and advertises them as well.
- * R2 ultimately has three valid paths (direct from R1 and R4, plus a reflected route from R5).# Statement C is correct: The BGP routing table of R2 contains three valid routes to 192.168.1.0/24.
- * R5 also learns 192.168.1.0/24 from both R1 and R4.# Statement B is correct: The BGP routing table of R5 contains two valid routes to 192.168.1.0/24 (from R1 and R4).

Route to 192.168.2.0/24 (Imported by R3 & R6):

- * R3 and R6 import 192.168.2.0/24 into BGP.
- * R2 and R5 (Route Reflectors) learn this route and reflect it to their clients (R1, R3, R4, R6).
- * R4 receives three valid paths (directly from R3 and R6 via BGP, and one additional reflected path via R5).# Statement D is correct: The BGP routing table of R4 contains three valid routes to 192.168.2.0/24.

Checking Statement A:

- * R3 originally imports 192.168.2.0/24 and advertises it.
- * Since it is a Route Reflector Client of R5 and R2, it should have multiple routes via iBGP, not just one.# Statement A is incorrect because R3 should have multiple valid routes, not just one.

Final Conclusion:

B. The BGP routing table of R5 contains two valid routes to 192.168.1.0/24.# C. The BGP routing table of R2 contains three valid routes to 192.168.1.0/24.# D. The BGP routing table of R4 contains three valid routes to 192.168.2.0/24.# A. The BGP routing table of R3 does NOT contain only one valid route to 192.168.2.0/24 (it has multiple routes).
Thus, the correct answers are: B, C, D.

NEW QUESTION # 43

Through the display ip interface GE0/D/D command, you can view the statistics of ping packets received on this interface.

- A. FALSE
- B. TRUE

Answer: B

NEW QUESTION # 44

(Drag and drop) Network administrator A needs to permit or deny some specific routes, but administrator A is not proficient in configuration. Please help administrator A to sort the configuration reasonably so that the device can permit or deny specific routes according to the requirements in the figure.

Route	Permit/Deny
10.0.0.0/8	Deny
10.0.0.0/16	Permit
10.0.1.0/24	Permit
10.0.0.0/24	Deny
10.0.0.128/30	Deny
10.0.0.1/32	Permit

ip ip-prefix TEST deny 10.0.0.0 8 Less-equal 32	
ip ip-prefix TEST deny 10.0.0.0 24 less-equal 32	
ip ip-prefix TEST permit 10.0.0.0 16 less-equal 32	
ip ip-prefix TEST permit 10.0.0.0 30 less-equal 32	

Answer:

Explanation:

ip ip-prefix TEST deny 10.0.0.0 8 Less-equal 32	ip ip-prefix TEST permit 10.0.0.0 30 less-equal 32
ip ip-prefix TEST deny 10.0.0.0 24 less-equal 32	ip ip-prefix TEST deny 10.0.0.0 24 less-equal 32
ip ip-prefix TEST permit 10.0.0.0 16 less-equal 32	ip ip-prefix TEST permit 10.0.0.0 16 less-equal 32
ip ip-prefix TEST permit 10.0.0.0 30 less-equal 32	ip ip-prefix TEST deny 10.0.0.0 8 Less-equal 32

NEW QUESTION # 45

.....

H12-831_V1.0 Valid Test Review: https://www.passcollection.com/H12-831_V1.0_real-exams.html

- Pass Huawei H12-831_V1.0 Exam in First Attempt Guaranteed! ☐ Enter ☐ www.torrentvalid.com ☐ and search for **【 H12-831_V1.0 】** to download for free ☐ Valid H12-831_V1.0 Test Blueprint
- Exam Questions for the Huawei H12-831_V1.0 - Master Your Certification Journey ☐ Search for **► H12-831_V1.0** ☐ and download exam materials for free through **►** www.pdfvce.com ☐ ☐ H12-831_V1.0 New Exam Camp
- Top New H12-831_V1.0 Study Materials Pass Certify | High-quality H12-831_V1.0 Valid Test Review: HCIP-Datacom-Advanced Routing & Switching Technology V1.0 ☐ Search for { H12-831_V1.0 } and easily obtain a free download on ☐ www.lead1pass.com ☐ ☐ Clearer H12-831_V1.0 Explanation
- Use Huawei H12-831_V1.0 Exam Questions [2025]-Forget About Failure ☐ Search for **► H12-831_V1.0 ◀** and easily

https://drive.google.com/open?id=18uCjy0XNnkxS1_Ezw-z_IIPyD56rdiwz