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Exam : H12-831_V1.0-ENU

Title : HCIP-Datacom

Version : V9.02

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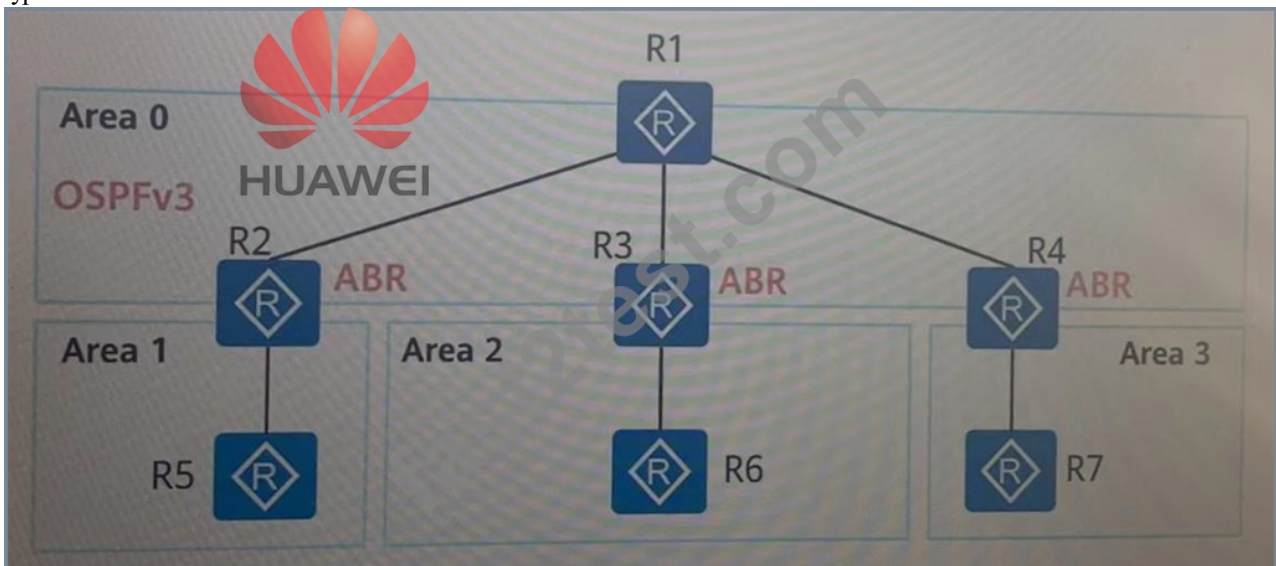
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Huawei HCIP-Datacom-Advanced Routing & Switching Technology V1.0 Sample Questions (Q75-Q80):

NEW QUESTION # 75

In the topology shown in the figure, the entire network runs OSPFv3 agreement in No. In the case of attracting external routes, R1 which type of LSA?



- A. Inter-Area-Prefix-LSA
- B. Link-LSA
- C. Inter-Area-Router LSA
- D. Intra-Area-Prefix-LSA

Answer: C

NEW QUESTION # 76

Network engineers can determine whether the link connection is normal by observing the interface indicators of the NetEngine AR6120 on site, but cannot determine whether the interface is configured with an IP address.

- A. True
- B. False

Answer: A

NEW QUESTION # 77

Which of the following statements about MUX VLANs are true?

- A. each Separate VLAN must bind a Principal VLAN
- B. Separate VLAN can and MUX VLAN all within VLAN communication
- C. Principal VLAN can and MUX VLAN all within VLAN communication
- D. each Group VLAN must bind a Principal VLAN

Answer: A,C,D

NEW QUESTION # 78

The figure shows the output information on a switch.

Which of the following can be determined from the information?

PortName	Type	Rate (Min/Max)	Mode	Action	Punish- Status	Trap	Log	Int	Last- Punish-Time
GE0/0/1	Broadcast	1000 /2000	Pps	Block	Normal	Off	On	90	-
GE0/0/1	Multicast	1000 /2000	Pps	Block	Normal	Off	On	90	-
GE0/0/1	Unicast	1000 /2000	Pps	Block	Normal	Off	On	90	-

- A. When the average rate of known unicast packets is 2500 pps, GE0/0/1 is shut down.
- B. After broadcast packets are blocked on GE0/0/1, broadcast packets are forwarded only when their average rate is lower than 1000 pps.
- C. The administrator configures traffic suppression on GE0/0/1 of the switch.
- D. When the average rate of unknown multicast packets is 1500 pps, GE0/0/1 blocks the multicast packets.

Answer: C

Explanation:

Comprehensive and Detailed In-Depth Explanation:

Understanding the Table and Traffic Suppression Configuration

Port Name

Type

Rate (Min/Max)

Mode

Action

Punish-Status

Trap

Log

Int

Last-Punish-Time

GE0/0/1

Broadcast

1000 / 2000

Pps

Block

Normal

Off

On

90

-

GE0/0/1

Multicast

1000 / 2000

Pps

Block

Normal

Off
 On
 90
 -
 GE0/0/1
 Unicast
 1000 / 2000
 Pps
 Block
 Normal
 Off
 On
 90
 -

Key Observations from the Table:

- * Traffic suppression (or rate limiting) is configured on interface GE0/0/1 for broadcast, multicast, and unicast traffic.
- * Thresholds:
 - * Min rate: 1000 pps (packets per second)
 - * Max rate: 2000 pps
 - * If the traffic exceeds the configured threshold (2000 pps), the action is to "Block".
 - * The interface is still "Normal" (not shut down), meaning exceeding 2000 pps does not disable the port.
 - * Logging is enabled (Log: On), but trapping (Trap: Off) is disabled.

Analysis of Each Answer Choice

A: "When the average rate of unknown multicast packets is 1500 pps, GE0/0/1 blocks the multicast packets." # (False)

- * The blocking threshold for multicast is 2000 pps (Max rate).
- * If the rate is 1500 pps, it is still below the threshold, so traffic is not blocked yet.

Statement A is incorrect.

B: "When the average rate of known unicast packets is 2500 pps, GE0/0/1 is shut down." # (False)

- * The table does not indicate that exceeding the max threshold (2000 pps) shuts down the interface.
- * Instead, it simply blocks packets exceeding the rate limit.
- * The interface remains "Normal", meaning it is not shut down.

Statement B is incorrect.

C: "After broadcast packets are blocked on GE0/0/1, broadcast packets are forwarded only when their average rate is lower than 1000 pps." # (False)

- * The minimum rate is 1000 pps, but there is no indication that traffic resumes forwarding only when it drops below this rate.
- * The configuration only states blocking when exceeding 2000 pps, but does not enforce a strict reactivation at 1000 pps.

Statement C is incorrect.

D: "The administrator configures traffic suppression on GE0/0/1 of the switch." # (True - Correct Answer)

- * The table explicitly shows that a traffic suppression policy is applied to broadcast, multicast, and unicast packets on GE0/0/1.
- * This confirms that the administrator has configured traffic suppression (rate limiting) on this interface.

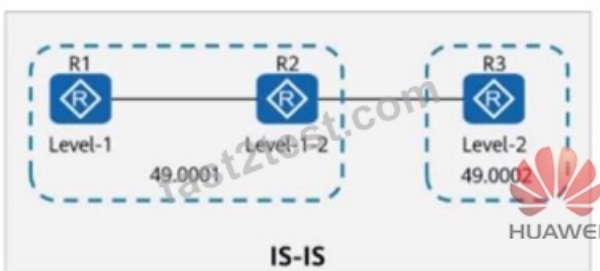
Statement D is correct.

Final Conclusion:

Correct answer: D. The administrator configures traffic suppression on GE0/0/1 of the switch.

NEW QUESTION # 79

On the ISIS network shown in the figure, R1 imports a default route using the default-route-advertise always level-1 command. In this case, R3 can learn this default route through IS-IS.



- A. FALSE
- B. TRUE

