



300-101^{Q&As}

Implementing Cisco IP Routing

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**QUESTION 1**

Which two statements about PAP and CHAP authentication are true? (Choose two)

- A. PAP uses a challenge string from the server to the client.
- B. CHAP uses a challenge string from the server to the client.
- C. PAP can query a TACACS+ server to verify access credentials
- D. PAP requires the client to supply a username and optional password
- E. CHAP requires the client to supply a username and optional password

Correct Answer: BE

QUESTION 2

What is the function of the snmp-server manager command?

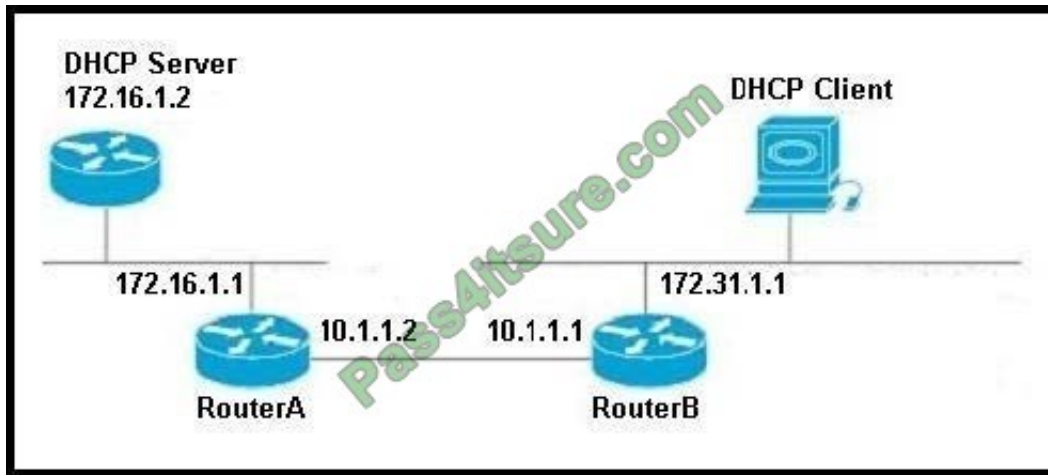
- A. To enable the device to send and receive SNMP requests and responses
- B. To enable the device to send SNMP traps to the SNMP server
- C. To disable SNMP messages from getting to the SNMP engine
- D. To configure the SNMP server to store log data

Correct Answer: A

The SNMP manager process sends SNMP requests to agents and receives SNMP responses and notifications from agents. http://www.cisco.com/c/en/us/td/docs/ios/12_2/configfun/command/reference/ffun_r/frf014.html#wp1022914

QUESTION 3

Refer to the exhibit. The DHCP client is unable to receive a DHCP address from the DHCP server. Consider the following output: hostname RouterB ! interface fastethernet 0/0 ip address 172.31.1.1 255.255.255.0 interface serial 0/0 ip address 10.1.1.1 255.255.255.252 ! ip route 172.16.1.0 255.255.255.0 10.1.1.2 Which configuration is required on the Router B fastethernet 0/0 port in order to allow the DHCP client to successfully receive an IP address from the DHCP server?

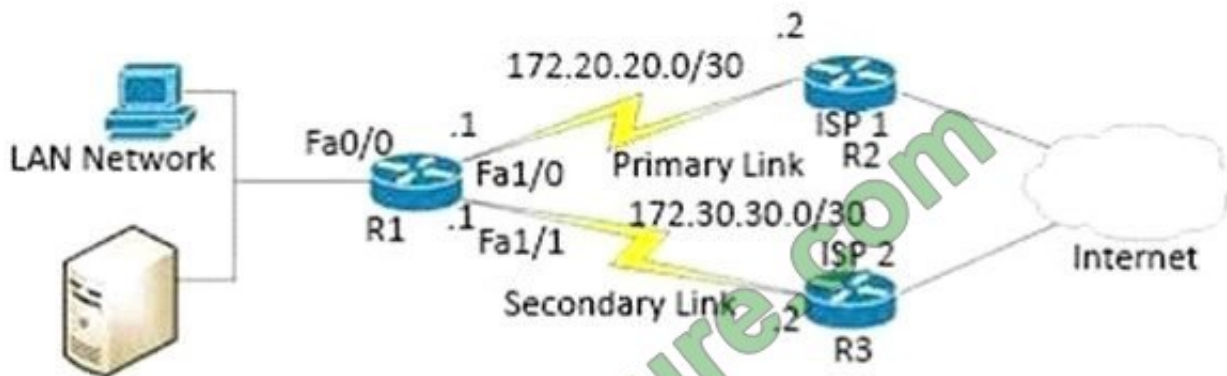


- A. RouterB(config-if)# ip helper-address 172.16.1.2
- B. RouterB(config-if)# ip helper-address 172.16.1.1
- C. RouterB(config-if)# ip helper-address 172.31.1.1
- D. RouterB(config-if)# ip helper-address 255.255.255.255

Correct Answer: A

QUESTION 4

Refer to Exhibit. Which two reasons for IP SLA tracking failure are likely true? (Choose Two.)



```
R1(config)#ip sla 1
R1(config-ip-sla)#icmp-echo 172.20.20.2 source-interface FastEthernet 1/0
R1(config-ip-sla-echo)#timeout 5000
R1(config-ip-sla-echo)#frequency 10
R1(config-ip-sla-echo)#threshold 500
R1(config)#ip sla schedule 1 start-time now life forever
R1(config)#track 10 ip sla 1 reachability
R1(config)#ip route 0.0.0.0 0.0.0.0 172.20.20.2 track 10
R1(config)#no ip route 0.0.0.0 0.0.0.0 172.20.20.2
R1(config)#ip route 0.0.0.0 0.0.0.0 172.30.30.2.5
```

- A. The source-interface is configured incorrectly.
- B. The destination must be 172.30.30.2 for icmp-echo.
- C. A route back to the R1 LAN network is missing in R2.
- D. The default route has wrong next hop IP address.
- E. The threshold value is wrong.

Correct Answer: AC

QUESTION 5

Drag each statement about authentication mechanisms on the left to the matching authentication type on the right.

Select and Place:



- Requires a username and password only.
- Generates a unique authentication string for each transaction.
- Provides minimal security.
- Supports mid-session re-authentication

CHAP

[Empty box]

[Empty box]

PAP

[Empty box]

[Empty box]

Correct Answer:

[Empty answer box]

CHAP

- Generates a unique authentication string for each transaction.
- Supports mid-session re-authentication

PAP

- Provides minimal security.
- Requires a username and password only.



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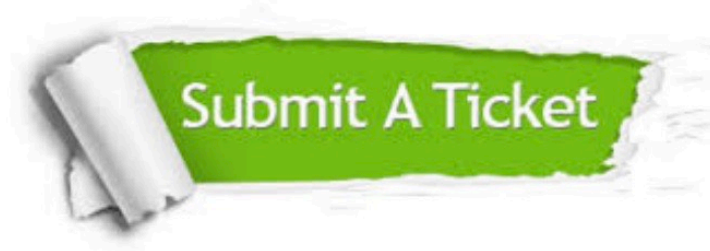
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