

➤ **Vendor: Cisco**

➤ **Exam Code: 200-301**

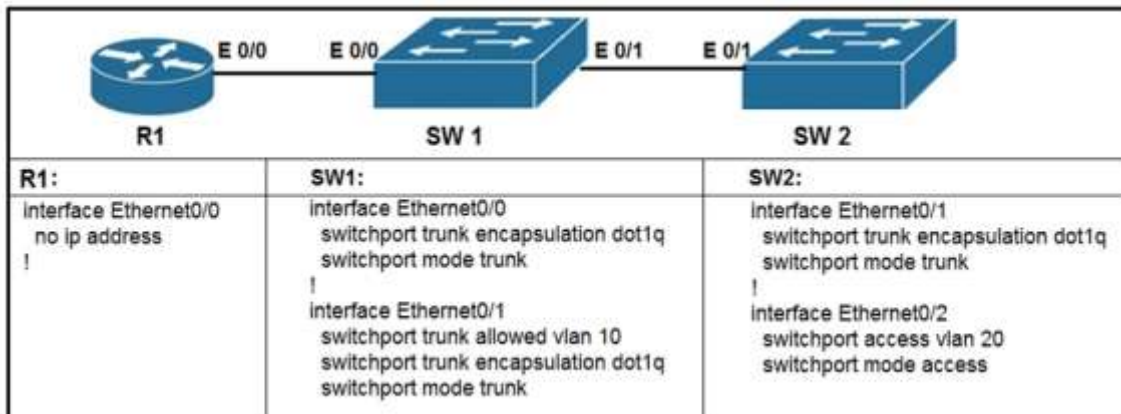
➤ **Exam Name: CCNA - Cisco Certified Network Associate**

➤ **New Updated Questions from [Braindump2go](https://www.braindump2go.com) (Updated in [May/2020](#))**

Visit Braindump2go and Download Full Version 200-301 Exam Dumps

QUESTION 238

Refer to the exhibit. What commands are needed to add a subinterface to Ethernet0/0 on R1 to allow for VLAN 20, with IP address 10.20.20.1/24?



- A. R1(config)#interface ethernet0/0
R1(config)#encapsulation dot1q 20
R1(config)#ip address 10.20.20.1 255.255.255.0
- B. R1(config)#interface ethernet0/0.20
R1(config)#encapsulation dot1q 20
R1(config)#ip address 10.20.20.1 255.255.255.0
- C. R1(config)#interface ethernet0/0.20
R1(config)#ip address 10.20.20.1 255.255.255.0
- D. R1(config)#interface ethernet0/0
R1(config)#ip address 10.20.20.1 255.255.255.0

Answer: B

QUESTION 239

Which function does an SNMP agent perform?

- A. It sends information about MIB variables in response to requests from the NMS
- B. It manages routing between Layer 3 devices in a network
- C. It coordinates user authentication between a network device and a TACACS+ or RADIUS server
- D. It requests information from remote network nodes about catastrophic system events

Answer: A

[200-301 Exam Dumps](#) [200-301 Exam Questions](#) [200-301 PDF Dumps](#) [200-301 VCE Dumps](#)

<https://www.braindump2go.com/200-301.html>

QUESTION 240

What are two roles of the Dynamic Host Configuration Protocol (DHCP)? (Choose two.)

- A. The DHCP server assigns IP addresses without requiring the client to renew them.
- B. The DHCP server leases client IP addresses dynamically.
- C. The DHCP client can request up to four DNS server addresses.
- D. The DHCP server offers the ability to exclude specific IP addresses from a pool of IP addresses.
- E. The DHCP client maintains a pool of IP addresses it can assign.

Answer: BD

QUESTION 241

Which command must be entered when a device is configured as an NTP server?

- A. ntp peer
- B. ntp master
- C. ntp authenticate
- D. ntp server

Answer: B

QUESTION 242

What event has occurred if a router sends a notice level message to a syslog server?

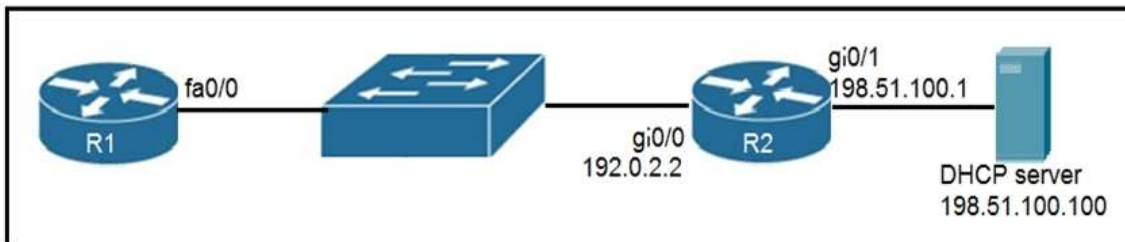
- A. A certificate has expired
- B. An interface line has changed status
- C. A TCP connection has been torn down
- D. An ICMP connection has been built

Answer: B

QUESTION 243

Refer to the exhibit. An engineer deploys a topology in which R1 obtains its IP configuration from DHCP. If the switch and DHCP server configurations are complete and correct.

Which two sets of commands must be configured on R1 and R2 to complete the task? (Choose two)

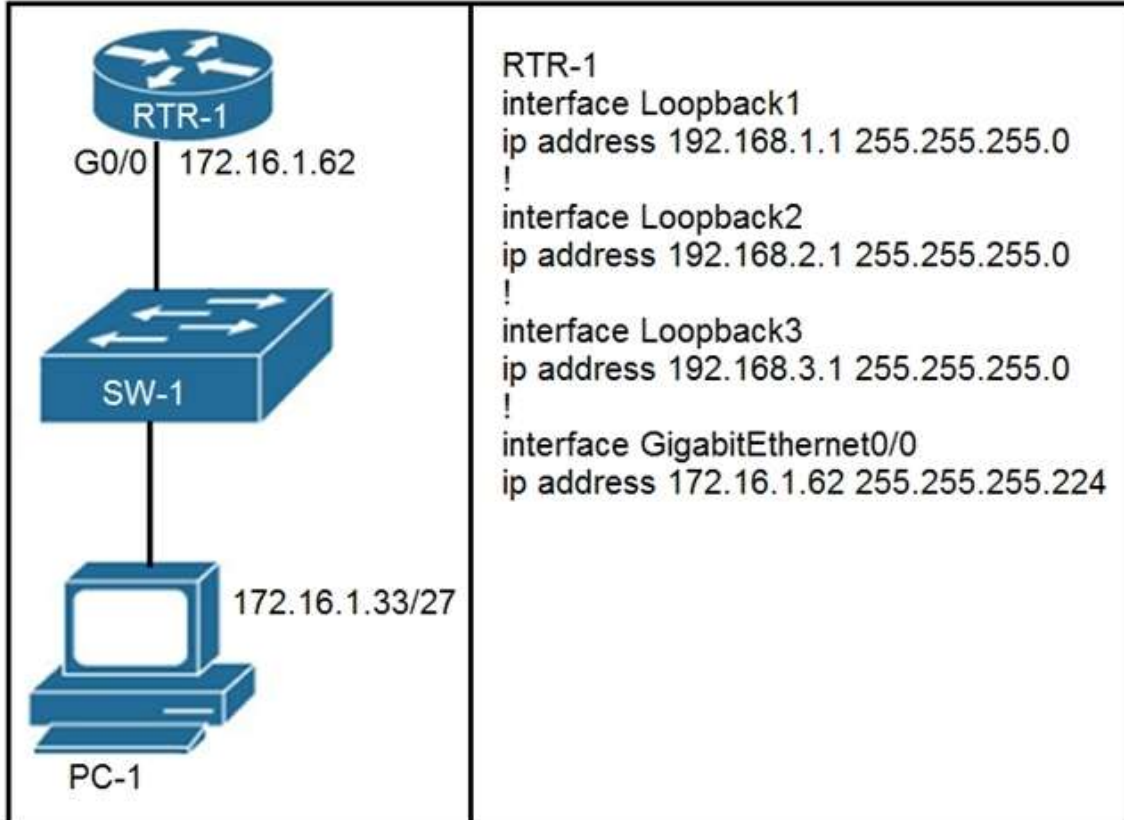


- A. R1(config)# interface fa0/0
R1(config-if)# ip helper-address 198.51.100.100
- B. R2(config)# interface gi0/0
R2(config-if)# ip helper-address 198.51.100.100
- C. R1(config)# interface fa0/0
R1(config-if)# ip address dhcp
R1(config-if)# no shutdown
- D. R2(config)# interface gi0/0
R2(config-if)# ip address dhcp
- E. R1(config)# interface fa0/0
R1(config-if)# ip helper-address 192.0.2.2

Answer: BC

QUESTION 244

Refer to the exhibit. What configuration on RTR-1 denies SSH access from PC-1 to any RTR-1 interface and allows all other traffic?



- A. `access-list 100 deny tcp host 172.16.1.33 any eq 22`
`access-list 100 permit ip any any`
- `interface GigabitEthernet0/0`
`ip access-group 100 in`
- B. `access-list 100 deny tcp host 172.16.1.33 any eq 22`
`access-list 100 permit ip any any`
- `line vty 0 15`
`access-class 100 in`
- C. `access-list 100 deny tcp host 172.16.1.33 any eq 23`
`access-list 100 permit ip any any`
- `interface GigabitEthernet0/0`
`ip access-group 100 in`

- D. **access-list 100 deny tcp host 172.16.1.33 any eq 23**
access-list 100 permit ip any any

line vty 0 15
access-class 100 in

Answer: B

QUESTION 245

While examining excessive traffic on the network, it is noted that all incoming packets on an interface appear to be allowed even though an IPv4 ACL is applied to the interface. Which two misconfigurations cause this behavior? (Choose two.)

- A. The ACL is empty
- B. A matching permit statement is too broadly defined
- C. The packets fail to match any permit statement
- D. A matching deny statement is too high in the access list
- E. A matching permit statement is too high in the access list

Answer: BE

QUESTION 246

The service password-encryption command is entered on a router. What is the effect of this configuration?

- A. restricts unauthorized users from viewing clear-text passwords in the running configuration
- B. prevents network administrators from configuring clear-text passwords
- C. protects the VLAN database from unauthorized PC connections on the switch
- D. encrypts the password exchange when a VPN tunnel is established

Answer: A

QUESTION 247

Which WPA3 enhancement protects against hackers viewing traffic on the Wi-Fi network?

- A. SAE encryption
- B. TKIP encryption
- C. scrambled encryption key
- D. AES encryption

Answer: A