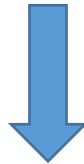


Cisco CCNA Certification 100-105 Exam



- Vendor: Cisco
- Exam Code: 100-105
- Exam Name: Interconnecting Cisco Networking Devices Part 1 (ICND1)

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NEW QUESTION 278

Hotspot Question - RIPv2 Troubleshooting II

Why applications that are installed on PC's in R2 LAN network 10.100.20.0/24 are unable to communicate with server1?

- A. A standard ACL statement that is configured on R1 is blocking the traffic sourced from Server1 network.
- B. A standard ACL statement that is configured on R2 is blocking the traffic sourced from Setver1 network.
- C. A standard ACL statement that is configured on R2 is blocking the traffic sourced from R2 LAN network.
- D. A standard ACL statement that is configured on R1 is blocking the traffic sourced from R2 LAM network

Answer: B

Explanation:

Check the below now:

| | |
|---|--|
| <pre>R2 ! ip access-list standard SERVER1BLOCK deny 172.16.200.0 0.0.0.255 permit any !</pre> | <pre>R2 ! ! ! ! interface Loopback0 ip address 192.168.250.2 255.255.255.255 ! interface Ethernet0/0 description ***Link to R3*** ip address 192.168.20.1 255.255.255.255 ! interface Ethernet0/1 no ip address ! interface Ethernet0/2 description ***Link to R1*** ip address 192.168.10.2 255.255.255.252 ip access-group SERVER1BLOCK in !</pre> |
|---|--|

NEW QUESTION 279

Hotspot Question - RIPv2 Troubleshooting II

Users complain that they are unable to reach internet sites. You are troubleshooting internet connectivity problem at main office. Which statement correctly identifies the problem on Router R1?

- A. Interesting traffic for NAT ACL is incorrectly configured.
- B. NAT configurations on the interfaces are incorrectly configured.
- C. NAT translation statement incorrectly configured.
- D. Only static NAT translation configured for the server, missing Dynamic NAT or Dynamic NAT overloading for internal networks.

Answer: B

NEW QUESTION 280

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NEW QUESTION 281

Hotspot Question - RIPv2 Troubleshooting II

Examine the DHCP configuration between R2 and R3; R2 is configured as the DHCP server and R3 as the client. What is the reason R3 is not receiving the IP address via DHCP?

- A. On R2. The network statement in the DHCP pool configuration is incorrectly configured.
- B. On R3. DHCP is not enabled on the interface that is connected to R2.
- C. On R2, the interface that is connected to R3 is in shutdown condition.
- D. On R3, the interface that is connected to R2 is in shutdown condition.

Answer: B

Explanation:

Please check the below:

Explanation/show commands:

| | |
|---|---|
| <pre>R2 no mmi pvc mmi snmp-timeout 180 ! ! ip dhcp excluded-address 192.168.20.1 ! ip dhcp pool DHCPASSIGNR3 network 192.168.20.0 255.255.255.252 ! ip cef no ipv6 cef ! multilink bundle-name authenticated !</pre> | <pre>R3 ! ! interface Loopback0 ip address 192.168.250.3 255.255.255.255 ! interface Ethernet0/0 description ***Link to LAN*** ip address 10.100.10.1 255.255.255.0 ! interface Ethernet0/1 description ***Link to R2*** no ip address ! interface Ethernet0/2 description ***Link to Server2 Segment*** ip address 10.100.11.1 255.255.255.0 ! interface Ethernet0/3 no ip address</pre> |
|---|---|

NEW QUESTION 282

Which statement describes the effect of the overload keyword in the ip nat inside source list 90 interface ethernet 0/0 overload command?

- A. Addresses that match address list inside are translated to the IP address of the Ethernet 0/0 interface.
- B. Hosts that match access inside are translated to an address in the Ethernet 0/0 network.
- C. Hosts on the Ethernet 0/0 LAN are translated to the address pool in access list 90.
- D. Addresses that match access list 90 are translated through PAT to the IP address of the Ethernet 0/0 interface.

Answer: D

NEW QUESTION 283

Which statement describes the effect of the copy run start command on a router in enable mode?

- A. The running configuration of the router is saved to NVRAM and used during the boot process.
- B. The router reboots and loads the last saved running configuration.
- C. A copy of the running configuration of the router is sent by FTP to a designated server.
- D. A new running configuration is loaded from flash memory to the router.

Answer: D

NEW QUESTION 284

After you configure a default route to the Internet on a router, the route is missing from the routing table. Which option describes a possible reason for the problem?

- A. The next-hop address is unreachable.
- B. The default route was configured on a passive interface.
- C. Dynamic routing is disabled.
- D. Cisco Discovery Protocol is disabled on the interface used to reach the next hop.

Answer: C

NEW QUESTION 285

You have configured the host computers on a campus LAN to receive their DHCP addresses from the local router to be able to browse their corporate site. Which statement about the network environment is true?

- A. It supports a DNS server for use by DHCP clients.
- B. Two host computers may be assigned the same IP address.
- C. The DNS server must be configured manually on each host.
- D. The domain name must be configured locally on each host computer.

Answer: D

NEW QUESTION 286

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NEW QUESTION 297

Which two VLANs are reserved for system use only? (Choose two.)

- A. 1
- B. 4095
- C. 4096
- D. 0
- E. 1001

Answer: BD

Explanation:

The VLANs 0 and 4095 are reserved by the IEEE 802.1Q standard and you cannot create, delete, or modify them so they are the correct answers.

Note:

- VLAN 0 and 4095 are reserved for system use only. You cannot see or use these VLANs.
- VLAN 1 and VLANs 1002-1005 are default VLANs. Default VLANs are created automatically and cannot be configured or deleted by users.
- VLAN 2 to 1001 are normal VLANs. You can create, use and delete them.
- VLAN 1002 to 1005 are normal VLANs too but Cisco reserved for FDDI and Token Ring.

NEW QUESTION 298

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NEW QUESTION 299

Which name describes an IPV6 host-enable tunneling technique that uses IPV4 UDP does not require dedicated gateway tunnels, and can pass through existing IPV4 NAT gateways?

- A. dual stack XX
- B. dynamic
- C. Tered
- D. Manual 6 to 4

Answer: C

NEW QUESTION 300

Which sequence begins a unique local IPv6 address in binary notation?

- A. 00000000
- B. 1111110
- C. 1111100
- D. 1111111

Answer: B

NEW QUESTION 301

Which statement about 6to4 tunneling is true?

- A. One tunnel endpoint must be configured with IPv4 only
- B. It establishes a point-to-point tunnel
- C. Both tunnel endpoints must be configured with IPv4 only
- D. Both tunnel endpoints must support IPv4 and IPv6

Answer: D

NEW QUESTION 302

What is true about ipv6 unique local addresses:

- A. Global id
- B. Public routable
- C. Summarization
- D. Unique prefix

Answer: D

NEW QUESTION 303

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NEW QUESTION 304

How many primary ipv4 addresses can be assigned on router interface?

- A. 0
- B. 1
- C. 4
- D. Unlimited

Answer: B

NEW QUESTION 305

Which command is used to build DHCP pool?

- A. ipdhcp conflict
- B. ipdhcp-server pool DHCP
- C. ipdhcp pool DHCP
- D. ipdhcp-client pool DHCP

Answer: C

NEW QUESTION 306

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