Cisco

Exam Questions 400-101

CCIE Routing and Switching (v5.0)
NEW QUESTION 1
Refer to the exhibit.

If the web server has been configured to listen only to TCP port 8080 for all HTTP requests, which command can you enter to how internet users to access the web server on HTTP port 80?

A. `ip nat inside source static tcp 10.1.1.100 8080 10.1.1.100 80`
B. `ip nat inside source static tcp 10.1.1.100 80 10.1.1.100 8080`
C. `ip nat outside source static tcp 10.1.1.100 8080 10.1.1.100 80`
D. `ip nat outside source static tcp 10.1.1.100 80 10.1.1.100 8080`

Answer: A

NEW QUESTION 2
Which two options are functions of the master controller in PfR? (Choose two.)

A. It learns the traffic path.
B. It performs traffic inspection.
C. It provides network visibility.
D. It applies the policy.
E. It enforces the traffic path.

Answer: AD

NEW QUESTION 3
Which two statements about Cisco Express Forwarding load balancing are true? (Choose two.)

A. Cisco Express Forwarding can load-balance over a maximum of two destinations
B. It combines the source IP address subnet mask to create a hash for each destination
C. Each hash maps directly to a single entry in the RIB
D. Each hash maps directly to a single entry in the adjacency table
E. It combines the source and destination IP addresses to create a hash for each destination

Answer: DE

NEW QUESTION 4
Which two statement about the EIGRP Over the Top feature are true? (Choose two.)

A. EIGRP routers traffic between the PE devices.
B. Traffic is LISP-encapsulated on the control plan
C. The neighbor command must be configured with LISP encapsulation on each CE device
D. The network statement must be configured on each PE device to connect separate EIGRP sites.
E. Traffic is LISP-encapsulated on the data plan

Answer: CE

NEW QUESTION 5
Which condition needs to be met for an eBGP neighborship to be established?

A. The AS numbers need to be the same
B. the BGP TTL security feature needs to be taken into account with regards to the number of hops on the path
C. reachability on TCP port 178 between both routers needs to be possible
D. reachability between the loopback ip addresses of both routers is required

Answer: B

NEW QUESTION 6
Drag DROP
Drag and drop each description from the left into the matching protocol category on the right. Select and Place:
NEW QUESTION 7
What is a major disadvantage of virtual machines versus containers?
A. Boot time
B. Security
C. Operational Management
D. Limited management tools
E. Vendor lock-in

Answer: B

NEW QUESTION 8
Which three terms are used to describe an OS-level virtualization method for deploying and running distributed applications? (Choose three)
A. Containerization

Answer: A
NEW QUESTION 9
DRAG DROP
Drag and drop statement about QoS features on the left to the matching QoS feature on the right

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Traffic Policing
- applied in both the inbound and outbound directions
- may cause excessive TCP retransmission
- configured in bits per second

Traffic Shaping
- buffers and queues excess packets when traffic load exceeds the CIR
- drops excess packets when traffic load exceeds the CIR
- minimizes TCP retransmission

NEW QUESTION 10
Which three device roles does 802.1x require? (Choose three)

A. An endpoint device that verifies network credentials
B. A server that facilitates authentication
C. A network device that grants client authentication
D. A server that assigns network-level access
E. An endpoint device that sends authentication credentials
F. A network device that relays authentication credentials

Answer: ACE

NEW QUESTION 11
Refer to the exhibit.
What happens to a TCP packet that is received on interface GigabitEthernet 0/0/0.100, which has DF bit set to 1, and packet has a valid destination?

A. The packet is matched by route-map loo and the DF bit is set to 0
B. The packet is not matched by route-map loo and the DF bit is left as it was
C. The packet is matched by route-map loo and the DF bit is left as it was
D. The packet is not matched by route-map loo and the DF bit is set to 0

Answer: B

NEW QUESTION 12
Which three basics types of SD-WAN deployment are out on the market? (Choose three)

A. Managed service SD-WAN
B. Policy-Based SD-WAN
C. SD-WAN as-a-Service
D. Internet-Based SD-WAN
E. Secure SD-WAN service
F. MPLS-based

Answer: CDE

NEW QUESTION 13
Which set of commands conditionally advertises 172.16.0/24 as long as 10.10.10.10/32 is in the routing table?

A. Option
B. Option
C. Option
D. Option
NEW QUESTION 14
DRAG DROP
Drag and drop the BGP attributes on the left to the correct category on the right. Not all options will be used.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 15
Which statement correctly describes Ansible operations and playbooks?

A. Ansible is agentless and uses playbooks formatted in YAML
B. Ansible is agent-based and uses playbooks formatted in XML
C. Ansible is agent-based and uses playbooks formatted in YAML
D. Ansible is agentless and uses playbooks formatted in XML

Answer: A

NEW QUESTION 16
Which two statements about IPv4 and IPv6 networks are true? (Choose two.)

A. In IPv6, hosts perform fragmentation.
B. IPv6 uses a UDP checksum to verify packet integrity.

A. In IPv6, hosts perform fragmentation.
B. IPv6 uses a UDP checksum to verify packet integrity.
C. In IPv6, routers perform fragmentation.
D. In IPv4, fragmentation is performed by the source of the packet.
E. IPv4 uses an optional checksum at the transport layer.
F. IPv6 uses a required checksum at the network layer.

Answer: AB

NEW QUESTION 17
Refer to the exhibit.

When it attempted to register the EEM script, the device returned this error message. Which action can you take to correct the problem?

A. Configure the event action to run the applet.
B. Configure the event manager run command to register the event.
C. Configure the event none command so that the event can be triggered manually.
D. Configure the end command at the end of the BACKUP EEM policy.

Answer: B

NEW QUESTION 18
Which DHCP message type does the DHCP server send to a client to confirm its allocated IP address?

A. DHCPDISCOVER
B. DHCPOFFER
C. DHCPACK
D. DHCPREQUEST

Answer: C

NEW QUESTION 19
DRAG DROP
Drag each set action for policy-based routing on the left to the matching statement on the right

A. Mastered
B. Not Mastered

Answer: A

Explanation:
E-1, A-2, D-3, C-4, B-5
NEW QUESTION 20
RIPv2 automatically summarizes IPv4 routes on classful boundaries. Which boundaries does it use for automatic summarization of IPv6 routes?

A. IPv6 is classless and automatic summarization is not done.
B. Automatic summarization of IPv6 routes is disabled by default and the boundaries must be specified when it is enabled.
C. Automatic summarization of IPv6 routes is done at the 32 bits (/32), 48 bits (/48) and 64 bits (/64) boundaries.
D. IPv6 routes are automatically summarized on octet boundaries

Answer: C

NEW QUESTION 21
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