Cisco

Exam Questions 300-101

ROUTE Implementing Cisco IP Routing
NEW QUESTION 1
How route tags can be set? (choose two)

A. ONLY within route tags
B. within tag lists
C. can be set with ONLY route-maps
D. can be set DIRECTLY within route maps.
E. only used on link state RPs

Answer: BD

NEW QUESTION 2
What is supported radius server? (choose two)

A. telnet
B. authentication
C. accounting
D. authorization
E. SSH

Answer: BD

NEW QUESTION 3
A network engineer is unable to make VRF lite EIGRP adjacency work. There is nothing wrong with communication between R1 and R2. What command will eliminate the issue when executed on both routers?

A. (config-router-af)# autonomous-system 100
B. (config)# ip-multicast-routing
C. (config-vrf)# route-target both 100:1
D. (config-router-af)# network 209.165.202.128 0.0.0.31

Answer: A

NEW QUESTION 4
What is the viable successor of NAT_PT?

A. NAT64
B. Pv6
C. NATv6
D. DHCPv6

Answer: A

NEW QUESTION 5
Which two statements about uRPF are true? (Choose two)

A. It is enabled on a per-interface basis CD It is enabled globally
B. Strict mode is most appropriate for networks with asymmetric routing
C. Strict mode may drop legitimate traffic
D. The keyword any can be used with both strict mode and loose mode
E. Loose mode may drop traffic when asymmetric routing occurs on the network

Answer: AD

NEW QUESTION 6
Which IP SLA operation can be used to simulate voice traffic on a network? CP connect

A. Mastered
B. Not Mastered

Answer: A

NEW QUESTION 7
Which adverse circumstance can the TTL feature prevent?

A. routing loops
B. DoS attacks
C. link saturation
D. CAM table overload

Answer: B

Explanation:
https://www.cisco.com/c/en/us/about/security-center/protecting-border-gateway-protocol.html C:\Users\wk\Desktop\mudassar\Untitled.jpg
NEW QUESTION 8
Which type of message does a device configured with the eigrp stub command send in response to EIGRP queries?

A. invalid request
B. unavailable
C. stuck in active
D. stub-only
E. reject
F. inaccessible

Answer: F

NEW QUESTION 9
Which statement about dynamic NAT is true?

A. It maps inside addresses to different port numbers.
B. It creates a one-to-one mapping of inside addresses to a global address.
C. It uses the overload command to map addresses.
D. It maps inside addresses to a pool of global addresses.

Answer: D

NEW QUESTION 10
Refer in the exhibit. A packet capture indicates that the router is not forwarding the DHCP packets that it receives on interface FastEthernet0/0. Which command needs to be entered in global configuration mode to resolve this issue?

A. ip DHCP relay
B. ip helper
C. ip forward-protocol
D. service DHCP

Answer: C

NEW QUESTION 11
Which two types of traffic can benefit from LLQ? (Choose two)

A. voice
B. telnet
C. video
D. file transfer
E. email

Answer: AC

NEW QUESTION 12
Which task must you perform to enable point-to-point frame relay connection?

A. Disable inverse ARP
B. Configure the encapsulation type
C. Enable inverse ARP
D. Configure static address mapping

Answer: D

NEW QUESTION 13
Which two debug commands can you use to view issues with CHAP and PAP authentication? (Choose two.)

A. DebugTACACS
B. Debug radius
C. Debug AAA authentication
D. Debug PPP negotiation
E. Debug PPPAuthentication

Answer: DE
NEW QUESTION 14
Drag and drop the ACL types from the left onto the correct description on the right.

A. Mastered
B. Not Mastered

Answer: A

Explanation:

NEW QUESTION 15
A network engineer applies the command `ip tcp adjust-mss <bytes>` under interface configuration mode. What is the result?

A. The probability of SYN packet truncation is increased
B. The optimum MTU value for the interface is set
C. The UDP session is inversely affected
D. The probability of dropped or segmented TCP packets is decreased

Answer: B

NEW QUESTION 16
Regarding a diagram with 3 routers (H1(with IPv6 IP and Loopback 1.1.1.1) + R1 (with IP IPv6 and Loopback 2.2.2.2) + R2 (with IP IPv6 and Loopback 3.3.3.3) running with EIGRP 100 on both routers and what command you will implement so that you will see the loopback IP of R2 to be advertised at H1

A. H1(config t)#router eigrp 100 H1(config t)#no stub only
B. R2(config t)#router eigrp 100 R2(config t)#no stub receive only
C. H1(config t)#ipv6 router eigrp 100 H1(config t)#no stub only
D. R2(config t)#ipv6 router eigrp 100 R2(config t)#no stub only

Answer: A
NEW QUESTION 17
Which STP feature can reduce TCNs on ports that are connected to end devices?

A. BPDU guard
B. Root guard
C. PortFast
D. BackboneFast

Answer: C

NEW QUESTION 18
A router receives a routing advertisement for 10.1.1.0/24 from an EIGRP peer and from an OSPF peer, Which route does the router install in the routing table, and for which reason?

A. the OSPF route, because the administrative distance is lower
B. the EIGRP route, because the metric is lower
C. the OSPF route, because the metric is lower
D. the EIGRP route, because the administrative distance is lower

Answer: D

NEW QUESTION 19
What is the advertised distance for the 192.168.46.0 network on R1?

A. 333056
B. 1938688
C. 1810944
D. 307456

Answer: C

NEW QUESTION 20
Which two statements about NetFlow templates are true? (Choose two)

A. Only NetFlow version 5 is template-based.
B. Templates can increase bandwidth usage
C. NetFlow version 5 and version 9 are template-based
D. Only NetFlow version 9 is template-based
E. They can increase overall performance
F. They can reduce bandwidth usage

Answer: BD

NEW QUESTION 21
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