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Vendor:Cisco

Exam Code:500-230

Exam Name:Cisco Service Provider Routing Field
Engineer

Version:Demo

QUESTION 1

What is the default MP-BGP address-family on IOS-XR?

- A. IPv6 unicast
- B. There is no default address-family
- C. IPv4 unicast
- D. VPNv4

Correct Answer: B

QUESTION 2

How frequently does the WDSYMON Watcher thread wake up to check counters?

- A. every 500 msec
- B. every 2 sec
- C. every 200 msec
- D. every 1 sec

Correct Answer: D

QUESTION 3

Which is required on the CE router in an L3VPN solution?

- A. Configure the PE-CE Routing protocol
- B. Define the VPN by creating a VRF
- C. Assign the PE facing interface to a VRF
- D. Configure MPLS forwarding on the interface to the PE router

Correct Answer: A

QUESTION 4

Which command is run to make changes permanent and survive a reload after executing the command "copy disk0:config-file.txt running-config"?

- A. Commit Confirm

- B. Commit Copy
- C. Command not require, changes are committed automatically
- D. Commit

Correct Answer: D

QUESTION 5

What is the TRACE command?

- A. A packet tracer showing the path of a packet from ingress to egress in the router.
- B. The replacement for TraceRoute in IOS-XR.
- C. A form of always-on debugging available for a subset of commands.
- D. Exactly the same as the debug command, must be explicitly turned on.

Correct Answer: A

QUESTION 6

Which command removes a user from configuration mode but keeps the user connected to the router?

- A. clear line
- B. clear session
- C. clear commit
- D. clear config session

Correct Answer: D

QUESTION 7

How are labels exchanged between the ASes in an Option B Layer-3 VPN solution?

- A. Via an eBGP multihop connection between the Ingress PE's in each AS.
- B. Via an eBGP multihop connection between a Route-Reflector in each AS.
- C. There are no labels exchanged between the two ASes.
- D. Via an eBGP connection between the directly connected ASBR's, one in each AS.

Correct Answer: D

QUESTION 8

One of your peers show in the SHOW BGP VPNV4 UNICAST SUMMARY output What is the cause of this?

- A. The label value ranges are mismatched.
- B. The peer has no prefixes with a Route-Target that the local router is importing.
- C. The BGP prefixes between the routers have not fully converged and will correct itself in time.
- D. The peer router is not configured to use the VPNv4 address-family for this connection.

Correct Answer: D

QUESTION 9

How many times are Layer 3 lookups performed on a packet transiting a CRS or ASR9k router?

- A. Three times: in the ingress linecard, the fabric, and the egress linecard
- B. Once: in the active RP/RSP
- C. Once: in the ingress linecard
- D. Twice: in the ingress linecard and again in the egress linecard

Correct Answer: A

QUESTION 10

What BGP address-families are used between the ASBRs in the different ASes in an IPv4 Option C Layer3 VPN solution?

- A. VPNv4 Unicast Only
- B. IPv4 Umcast and VPNv4 Unicast
- C. IPv4 Labeled-Unicast only
- D. IPv4 Unicast and IPv4 Labeled-Unicast

Correct Answer: D

QUESTION 11

Which mode will shut down a process?

- A. EXEC
- B. ADMIN

C. CONFIG

D. ADMIN-CONFIG

Correct Answer: D

QUESTION 12

Which underlying protocol(s) does LDP utilize to communicate with LDP Peers?

A. UDP and TCP

B. UDP only

C. LDP uses IP Protocol 646 and does not rely on UDP or TCP

D. TCP only

Correct Answer: A