

## 500-230<sup>Q&As</sup>

Cisco Service Provider Routing Field Engineer

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## QUESTION 1

Which command is used to redistribute BGP into EIGRP for a Layer 3 VPN customer?

- A. router(config-eigrp-af)# redistribute bgp 65001
- B. router(config-eigrp-vrf-af)# redistribute bgp 65001
- C. router(config-eigrp-vrf)# redistribute bgp 65001
- D. router(config-eigrp)# redistribute bgp 65001

Correct Answer: B

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## QUESTION 2

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

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## QUESTION 3

What command is used to manually generate a core dump to aid in troubleshooting a process?

- A. context
- B. dumpcore
- C. exception
- D. follow

Correct Answer: C

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## QUESTION 4

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

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## QUESTION 5

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

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## QUESTION 6

Which mode will shut down a process?

A. EXEC

B. ADMIN

C. CONFIG

D. ADMIN-CONFIG

Correct Answer: D

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## QUESTION 7

What priority values do the WDSYMON Ticker and Watcher threads utilize?

A. Ticker 11, Watcher 254

B. Ticker 10, Watcher 63

C. Ticker 11, Watcher 63

D. Ticker 10, Watcher 254

Correct Answer: C

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## QUESTION 8

Which statements are true regarding L3VPN configurations?

- A. Prior to configuring a vrf within MP-BGP, the router has to have instantiated the VPNv4 or VPNv6 address-family.
- B. On a single PE router, the Route Distinguisher and the Route Targets must be the same.
- C. Prior to configuring a neighbor in the VPNv4 address-family, it must already be configured for IPv4Unicast.
- D. The import and export Route Targets must be the same on a PE.

Correct Answer: C

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## QUESTION 9

What is included in a VPNv4 route?

- A. IPv4 prefix and Route Distinguisher
- B. IPv4 prefix and Route Target
- C. MP-BGP prefix and Route Target
- D. MP-BGP prefix and Route Distinguisher

Correct Answer: A

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## QUESTION 10

What is currently required for eBGP sessions in IOS-XR that was not required in IOS?

- A. Default MED values
- B. Local-Preference values
- C. Send Communities
- D. Route-Filter In and Out

Correct Answer: D

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## QUESTION 11

Which command is used to undo a change after issuing a commit command?

- A. router# rollback configuration to -1
- B. router(config)# commit undo
- C. router(config)# commit rollback
- D. router# rollback configuration last 1

Correct Answer: D

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## QUESTION 12

How do you verify the label(s) used between the ASBRs in Option A Inter-AS L3VPN operation?

- A. There are no labels used between the ASBRs
- B. Verify the labels assigned by MP-BGP in the SHOW BGP VPNV4 UNICAST
- C. Verify the labels assigned by MP-BGP in the SHOW CEF VRF output
- D. Verify the labels assigned by LDP in the output of SHOW MPLS FORWARDING

Correct Answer: A

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## QUESTION 13

Which command is similar to the Unix TOP command to display process utilization information?

- A. show
- B. trace processes
- C. show process dynamic
- D. monitor processes

Correct Answer: D

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## QUESTION 14

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

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## QUESTION 15

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

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