Demo Questions

Cisco 350-501 Exam

Implementing and Operating Cisco Service Provider Network Core Technologies (SPCOR)

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Question #1 *Topic 1*

DRAG DROP -
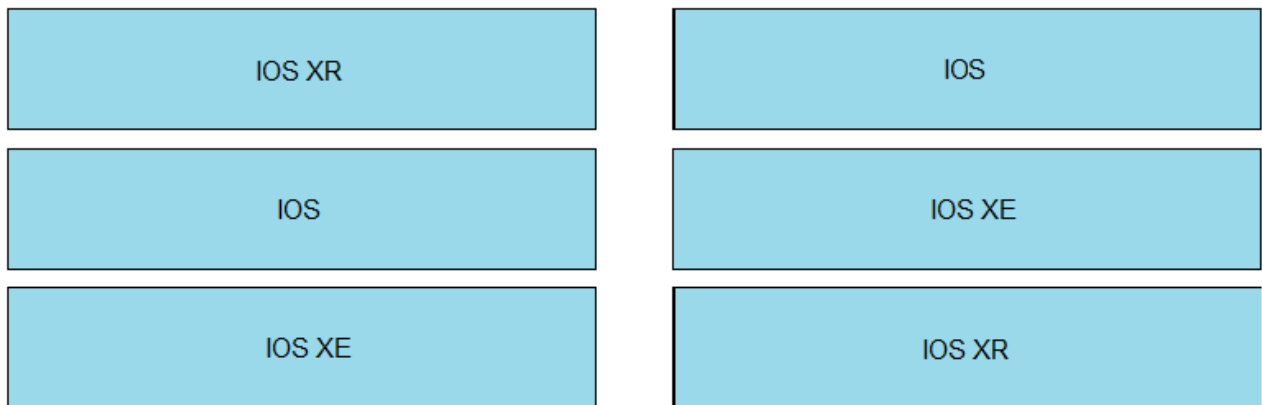Drag and drop the OSs from the left onto the correct descriptions on the right.
Select and Place:

Answer Area

IOS XR		It is a monolithic architecture that runs all modules on one memory space.
IOS		It runs over a Linux platform and pulls the system functions out of the main kernel and into separate processes.
IOS XE		It segments ancillary processes into separate memory spaces to prevent system crashes from errant bugs.

Correct Answer:

Answer Area

IOS XR	IOS
IOS	IOS XE
IOS XE	IOS XR

Reference:
https://specialties.bayt.com/en/specialties/q/276369/what-is-the-key-difference-between-ios-ios-xe-and-ios-xr-for-cisco-devices/

Question #2 *Topic 1*

PE1   P2   P3   PE4

Refer to the exhibit. P3 and PE4 are at the edge of the service provider core and serve as ABR routers. Aggregation areas are on either side of the core.
Which statement about the architecture is true?

- A. To support seamless MPLS, the BGP route reflector feature must be disabled.
- B. If each area is running its own IGP, BGP must provide an end-to-end MPLS LSP.
- C. If each area is running its own IGP, the ABR routers must redistribute the IGP routing table into BGP.
- D. To support seamless MPLS, TDP must be used as the label protocol.

Correct Answer: *B*
Reference:
https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst9600/software/release/16-12/confi
guration_guide/mpls/b_1612_mpls_9600_cg/ configuring_seamless_mpls.html

Question #3 *Topic 1*

Which component is similar to an EVPN instance?

- A. router distinguisher
- B. MPLS label
- C. IGP router ID
- D. VRF

Correct Answer: *D*

Question #4 *Topic 1*

Why do Cisco MPLS TE tunnels require a link-state routing protocol?

- A. The link-state database provides segmentation by area, which improves the path-selection process.
- B. The link-state database provides a data repository from which the tunnel endpoints can dynamically select a source ID.
- C. Link-state routing protocols use SPF calculations that the tunnel endpoints leverage to implement the tunnel.
- D. The tunnel endpoints use the link-state database to evaluate the entire topology and determine the best path.

Correct Answer: *D*

Question #5 *Topic 1*

R2
AS 65513

R4
AS 65515

R1
AS 65512

R3
AS 65514
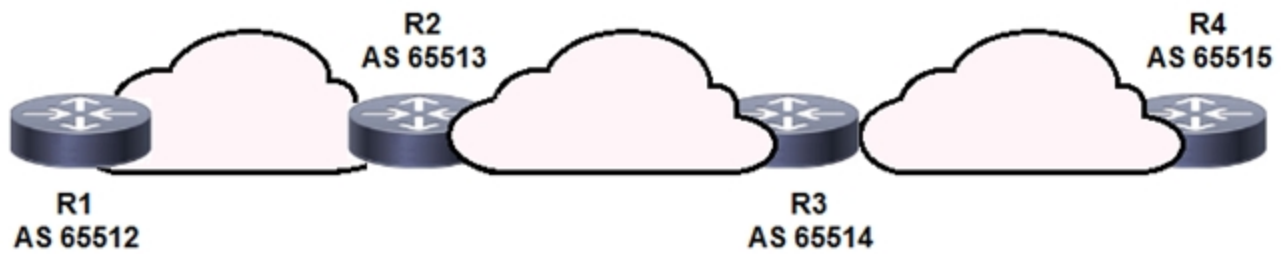
Refer to the exhibit. BGPsec is implemented on R1, R2, R3, and R4. BGP peering is established between neighboring autonomous systems.
Which statement about implementation is true?

- A. BGP updates from the iBGP peers are appended with a community of local-as.
- B. BGP updates from the all BGP peers are appended with a community of no-export.
- C. BGP updates from the eBGP peers are appended with an additional AS path value that is statically set by the domain administrator.
- D. BGP updates from the eBGP peers are appended with a BGPsec attribute sequence that includes a public key hash and digital signature.

Correct Answer: *D*