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QUESTION 1

An enterprise network has two core routers that connect to 200 distribution routers and uses full-mesh IBGP peering between these routers as its routing method. The distribution routers are experiencing high CPU utilization due to the BGP process. Which design solution is the most cost effective?

A. Implement route reflectors on the two core routers

B. Increase the memory on the core routers

C. Implement e BGP between the core and distribution routers

D. Increase the memory on the distribution routers

E. Increase bandwidth between the core routers

Correct Answer: A

QUESTION 2

When designing a WAN that will be carrying real-time traffic, what are two important reasons to consider serialization delay? (Choose two)

A. Serialization delays are invariable because they depend only on the line rate of the interface

B. Serialization delays are variable because they depend on the line rate of the interface and on the type of the packet being serialized.

C. Serialization delay is the time required to transmit the packet on the physical media.

D. Serialization delays are variable because they depend only on the size of the packet being serialized

E. Serialization delay depends not only on the line rate of the interface but also on the size of the packet

Correct Answer: BD

QUESTION 3

Company XYZ, a global content provider, owns data centers on different continents. Their data center design involves a standard three-layer design with a Layer 3-only core. HSRP is used as the FHRP. They require VLAN extension across

access switches in all data centers, and they plan to purchase a Layer 2 interconnection between two of their data centers in Europe.

In the absence of other business or technical constraints, which termination point is optimal for the Layer 2 interconnection?

A. at the core layer, to offer the possibility to isolate STP domains

B. at the aggregation layer because it is the Layer 2 to Layer 3 demarcation point

C. at the access layer because the STP root bridge does not need to align with the HSRP active node

D. at the core layer because all external connections must terminate there for security reasons

Correct Answer: B

QUESTION 4

SD-WAN can be used to provide secure connectivity to remote offices, branch offices, campus networks, data centers, and the cloud over any type of IP-based underlay transport network. Which two statements describe SD WAN solutions? (Choose two.)

A. SD-WAN networks are inherently protected against slow performance.

B. Control and data forwarding planes are kept separate.

C. Improved operational efficiencies result In cost savings.

D. Solutions include centralized orchestration, control, and zero-touch provisioning.

E. Solutions allow for variations of commodity and specialized switching hardware.

Correct Answer: BD

Reference: https://techacad.net/what-is-sd-wan-software-defined-wide-area-network/

QUESTION 5

Which two features are advantages of SD-WAN compared to MPLS-based connectivity? (Choose two.)

A. uses FEC constructs for traffic forwarding, thereby improving efficiency

B. separates infrastructure and policy

C. uses policy-based forwarding of real-time traffic with less complexity

D. unifies the WAN backbone

E. manages failures through backup links

Correct Answer: BD

A) No. That\\'s not specific to SD-WAN

B) Yes. Separate data plane and control plane

C) No. Real-time traffic is focus on latency and QoS.

D) Yes. Exactly stated "SD-WAN unifies the WAN backbone" in below site:

https://www.kyndryl.com/in/en/learn/sd-wan

E) No. MPLS also can do that.