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**QUESTION 1**

You have been tasked with designing a data center interconnect to provide business continuity. You want to encrypt the traffic over the DCI using IEEE 802.1AE MACsec to prevent the deployment of any firewall or IPS. Which two interconnect technologies support MACsec? (Choose two.)

- A. EoMPLS
- B. MPLS Layer 3 VPN
- C. DMVPN
- D. GET VPN
- E. KVPLS

Correct Answer: AE

QUESTION 2

Which BGP feature provides fast convergence?

- A. BGP PIC
- B. BGP-EVPN
- C. BGP FlowSpec
- D. BGP-LS

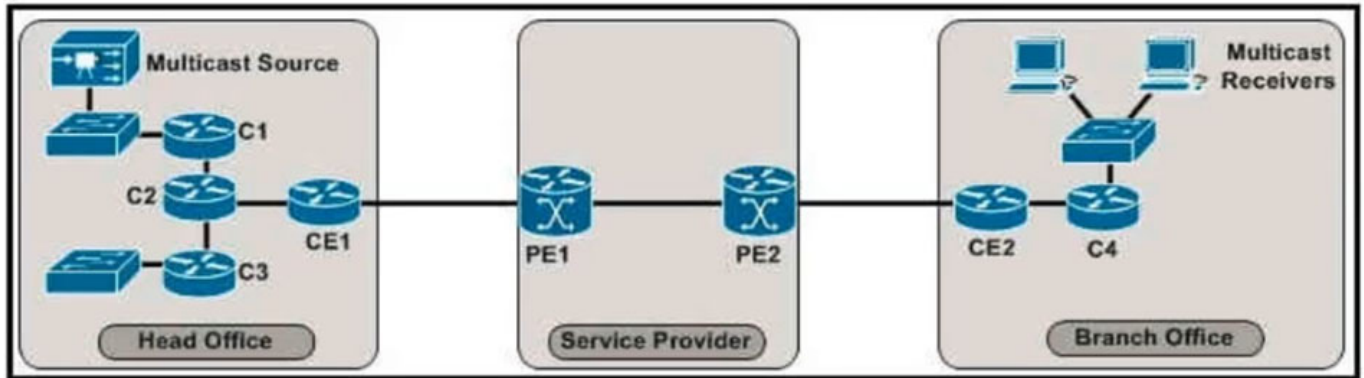
Correct Answer: A

Reference:

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/iproute_bgp/configuration/xe-3s/asr903/17-1-1/b-irg-xe-17-1-asr903/b-irg-xe-17-1-asr903_chapter_01.pdf

QUESTION 3

Refer to the exhibit.



The enterprise customer wants to stream one-way video from their head office to eight branch offices using multicast. Their current service provider provides a Layer3 VPN solution and manages the CE routers, but they do not currently support multicast. Which solution quickly allows this multicast traffic to go through while allowing for future scalability?

- A. Enable a GRE tunnel between nodes CE1 and CE2
- B. Enable a GRE tunnel between nodes C2 and C4
- C. Enable a GRE tunnel between nodes C1 and C4
- D. Implement hub and spoke MPLS VPN over DMVPN (also known as 2547o DMVPN) between CE1 and CE2
- E. The service provider must provide a Draft Rosen solution to enable a GRE tunnel between nodes PE1 and PE2

Correct Answer: B

<https://www.cisco.com/c/en/us/support/docs/ip/ip-multicast/43584-mcast-over-gre.html>

QUESTION 4

An enterprise has identified these causes for inefficient CAPEX spending:

CAPEX planning is driven by technology and not by business objectives. The CAPEX planning team lacks the data it needs to perform due diligence tasks. The organizational structure lacks sufficient accountability and incentives.

Which corporate cultural change contributes to improving the effectiveness of CAPEX spending?

- A. Build a financial control function that delivers high-quality reports on operational expenses for business insight and financial reporting.
- B. CxO-level staff must have a full technical understanding but the should not trust their technical leaders fully.
- C. Adopt new organizational models that promote real accountability for ROI. not just revenue. EBITDA, and cash.
- D. Marketing and product management divisions must reduce their CAPEX budgets significantly to drive the change.

Correct Answer: C

QUESTION 5



Company XYZ connects its sites over a private WAN. Their overlay network is running a DMVPN setup where the headquarters site is the hub. The company is planning on implementing multicast routing on the network. What should be used in the multicast routing design?

- A. PIM dense mode with RP located at the hub
- B. PIM sparse mode with RP located at each remote site
- C. PIM sparse mode with RP located at the hub
- D. PIM dense mode with RP located at each remote site

Correct Answer: C

PIM sparse mode with RP located at the hub

<https://www.ccexpert.us/routing-switching-2/dynamic-multipoint-vpn.html>

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