



Free Questions for 300-515 by vceexamstest

Shared by Lott on 15-04-2024

For More Free Questions and Preparation Resources

Check the Links on Last Page

Question 1

Question Type: MultipleChoice

An engineer is troubleshooting AToM on an IOS XE router and receives an error when creating the xconnect. Which command does he need to complete to create the xconnect in AToM?

Options:

- A- encapsulation mpls
- B- encapsulation 12tpv3
- C- protocol 12tpv3
- D- protocol none

Answer:

A

Question 2

Question Type: MultipleChoice

What must match in the EVPN and L2VPN configuration mode when configuring EVPN native in a router?

Options:

A- interface

B- address family

C- bridge domain

D- EVI

Answer:

D

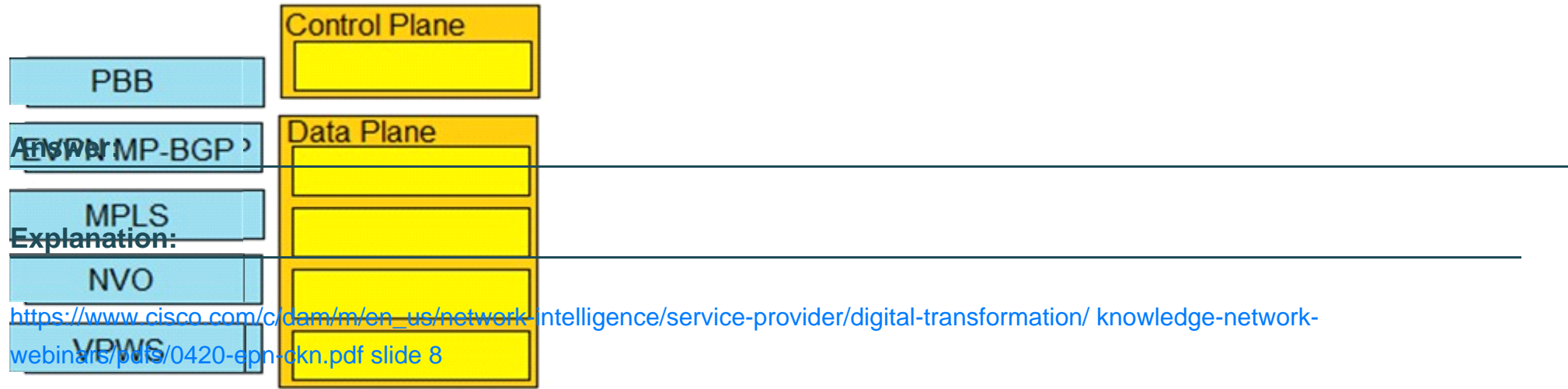
Explanation:

https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k-r6-2/lxvpn/configuration/guide/b-l2vpn-cg-asr9000-62x/b-l2vpn-cg-asr9000-62x_chapter_01011.html

Question 3

Question Type: DragDrop

Drag and drop the EVPN components from the left onto the correct planes on the right.



Question 4

Question Type: MultipleChoice

A network architect is troubleshooting the L2TPv3 tunneling security due to the untrusted nature of the underlying network. Which two L2TPv3 features does the architect deploy to address the ongoing issues? (Choose two.)

Options:

- A- TCP MD5 authentication
- B- control message hashing
- C- CHAP authentication
- D- control message rate limiting
- E- asymmetric mutual authentication with PSK

Answer:

B, C

Question 5

Question Type: MultipleChoice

While troubleshooting EoMPLS configuration problems, which three parameters should an engineer match between the two ends of the pseudowire configurations? (Choose three.)

Options:

- A- VLAN name
- B- Xconnect group name
- C- EFP subinterface number
- D- pseudowire ID
- E- MTU size
- F- control word usage

Answer:

D, E, F

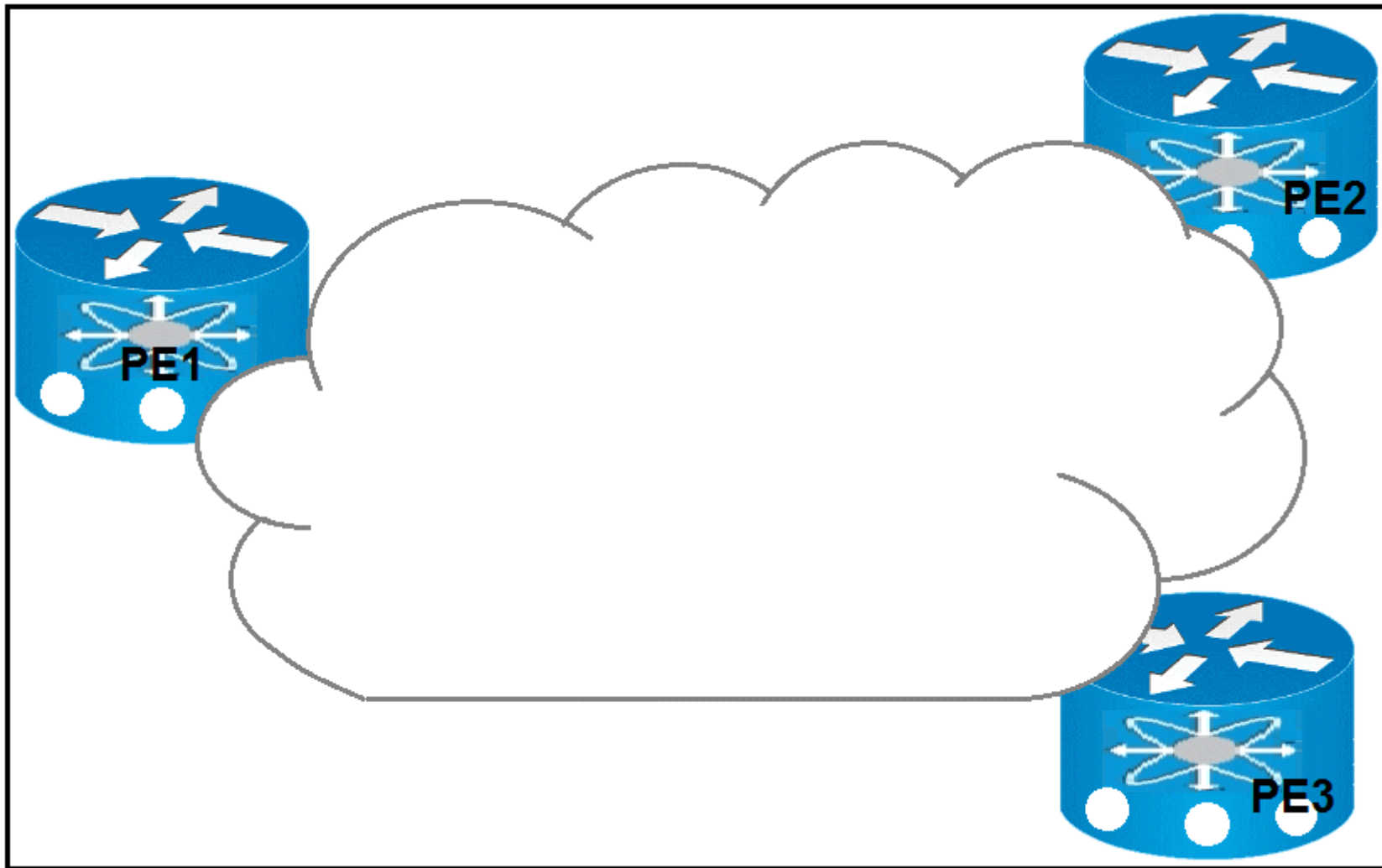
Explanation:

<https://www.cisco.com/c/en/us/support/docs/multiprotocol-label-switching-mpls/mpls/213238-mpls-l2vpn-pseudowire.html>

Question 6

Question Type: MultipleChoice

Refer to the exhibit.



Which result occurs when PE1 learns a new MAC address and all three PEs are enabled with EVPN native?

Options:

- A-** A system notification is sent to the network administrator that triggers the manual configuration of the new MAC address on PE2 and PE3.
- B-** The new MAC address is sent by BGP to PE2 and PE3 as a Type 2 BGP route.
- C-** The MAC address is entered into the CAM table and is classified for use on the native VLAN
- D-** The MAC address is entered into the CAM table only if it is learned on the native VLAN.

Answer:

B

Explanation:

https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k-r6-4/lxvpn/configuration/guide/b-l2vpn-cg-asr9000-64x/b-l2vpn-cg-asr9000-64x_chapter_01011.html

Question 7

Question Type: MultipleChoice

Exhibit:

```
interface Loopback0
 ip address 1.1.1.1 255.255.255.255
 ip ospf 1 area 0
 !
interface GigabitEthernet0/1/0
 ip address 10.0.2.1 255.255.255.252
 !
service instance 101 ethernet
 encapsulation dot1q 101
 rewrite ingress tag pop 1 symmetric

 12vpn evpn instance 100 point-to-point
 !
 vpws context vc100
 service target 2 source 1
 member GigabitEthernet0/1/0 service-instance 101
 !
interface GigabitEthernet0/1/1
 ip address 10.0.1.1 255.255.255.0
 ip ospf 1 area 0
 mpls ip
 !
router bgp 65500
 bgp router-id 1.1.1.1
 neighbor 2.2.2.2 remote-as 65501
 neighbor 2.2.2.2 update-source Loopback0
 !
 address-family ipv4
  neighbor 2.2.2.2 activate
 exit-address-family
 !
 address-family 12vpn evpn
  neighbor 2.2.2.2 activate
 exit-address-family
 !
```

An engineer is trying to configure an EVPN VWPS. What is the issue with this configuration?

Options:

- A- The member in the VPWS context should be the PE-facing interface.
- B- The 12vpn evpn command should be instance 101.
- C- Interface GigabitEthernet0/1/0 should not have any IP address.
- D- The service instance and the EVPN instance are different.

Answer:

C

Explanation:

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/mp_l2_vpns/configuration/xe-3s/asr903/16-7-1/b-mpls-l2-vpns-xe-16-7-asr900/epvn_vpws_single_homed.pdf

Question 8

Question Type: MultipleChoice

What do EVPN single-active and all-active have in common?

Options:

- A-** They are default gateway redundancy options.
- B-** They are multihoming mechanisms used for CE devices.
- C-** They are used to provide single connection from a CE device to a service provider.
- D-** They are both roles that a designated router can take when MPLS is used with EVPN.

Answer:

D

Explanation:

https://www.cisco.com/c/en/us/td/docs/routers/asr9000/software/asr9k-r6-2/lxvpn/configuration/guide/b-l2vpn-cg-asr9000-62x/b-l2vpn-cg-asr9000-62x_chapter_01011.html

Question 9

Question Type: MultipleChoice

Which mechanism reduces the network flooding caused by host ARP learning behavior?

Options:

- A- ARP suppression
- B- storm control
- C- root guard
- D- BPDU guard

Answer:

A

Explanation:

<https://www.cisco.com/c/en/us/products/collateral/switches/nexus-7000-series-switches/white-paper-c11-735015.html>

Question 10

Question Type: MultipleChoice

While troubleshooting an AToM L2VPN service, a network consultant notices that the AC Layer 2 encapsulations are different. Which action should the consultant take in order to make the MPLS L2VPN work?

Options:

- A- tag-rewrite on the ingress and egress PE router
- B- interworking IP configuration on the last PE router before label disposition
- C- nonrouted interworking setup to properly translate only the Layer 2 information from the AC
- D- interworking IP configuration on both the AC terminations on the PEs

Answer:

D

Explanation:

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/mp_l2_vpns/configuration/xe-16-11/mp-l2-vpns-xe-16-11-book/l2vpn-interworking.html

Question 11

Question Type: MultipleChoice

Which two are characteristics of using a non-MPLS peer-to-peer model over a traditional overlay model? (Choose two.)

Options:

- A- The model is suited for nonredundant configurations.
- B- The configuration on a newly added site PE is updated automatically.
- C- Provider routers know the customer network topology.
- D- The customer specifies the exact site-to-site traffic profile.
- E- Routing information is exchanged between the customer router and one or a few PEs.

Answer:

C, E

Explanation:

<http://etutorials.org/Networking/MPLS+VPN+Architectures/Part+2+MPLS-based+Virtual+Private>

+Networks/Chapter+7.+Virtual+Private+Network+VPN+Implementation+Options/Overlay+and+Peer-to-peer

+VPN+Model/

Topic 2, Layer 2 VPNs

Question 12

Question Type: MultipleChoice

You are troubleshooting ARP connectivity issues for an Ethernet interface on an IOS XR network that runs IS- IS. You verify that the IGP protocol is running, but an ARP entry has not yet been created.

Which action should you take?

Options:

A- debug ping packets

B- debug ARP

C- ping the connected neighbor

D- verify the RIB table routes

Answer:

C

To Get Premium Files for 300-515 Visit

<https://www.p2pexams.com/products/300-515>

For More Free Questions Visit

<https://www.p2pexams.com/cisco/pdf/300-515>

