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QUESTION 1

When verifying Layer 3 MPLS VPN operations, which Cisco IOS XR show command is best used to verify that the PE router is receiving the routes from the CE router?

- A. show route
- B. show route vrf vrf-name
- C. show bgp vpv4 vrf vrf-name
- D. show bgp vpv4 unicast ip-prefix

Correct Answer: B

QUESTION 2

For which reason does Cisco 6PE use two MPLS labels in the data plane?

- A. PHP can be used, and the penultimate hop router does not have to be IPv6-aware
- B. Traffic engineering is possible, and the P routers do not have to be IPv6-aware
- C. With two labels the Flow Label field in the IPv6 header can be emulated if the routers are not IPv6-aware
- D. Load balancing is not possible if the P routers are not IPv6-aware

Correct Answer: C

QUESTION 3

An engineer is configuring an EoMPLS circuit on a Cisco IOS XR router interface that removes a VLAN from the distribution layer. Which configuration accomplishes this configuration?

- A. interface GigabitEthernet 0/10.10 l2transportencapsulation dot1q 10l2vpnconnect group 103588p2p 103588interface GigabitEthernet 2/10.10neighbor ipv4 10.10.10.2 pw-id 103588
- B. interface GigabitEthernet 0/10.10encapsulation dot1q 10rewrite ingress tag pop 1 symmetricl2vpnconnect group 103588p2p 103588interface GigabitEthernet 0/10.10neighbor ipv4 10.10.10.2 pw-id 103588
- C. interface GigabitEthernet 0/10.10 l2transportencapsulation dot1q 10rewrite ingress tag pop 1 symmetricl2vpnconnect group 103588p2p 103588interface GigabitEthernet 0/10.10neighbor ipv4 10.10.10.2 pw-id 103588
- D. interface GigabitEthernet 0/10.10 l2transportencapsulation dot1q 10rewrite ingress tag translate 1-to-1 dot1ad 10symmetricl2vpnconnect group 103588p2p 103588interface GigabitEthernet 0/10.10neighbor ipv4 10.10.10.2 pw-id 103588

Correct Answer: C



QUESTION 4

In which Cisco IOS XR configuration mode is the redistribute static command applied to enable the redistribution of static VRF routes between the PE routers?

- A. RP/0/RP0/CPU0:PE(config-router)#
- B. RP/0/RP0/CPU0:PE(config-bgp)#
- C. RP/0/RP0/CPU0:PE(config-bgp-vrf)#
- D. RP/0/RP0/CPU0:PE(config-bgp-vrf-af)#

Correct Answer: D



	Command or Action	Purpose
Step 1	<code>configure</code> Example: RP/0/RSP0/CPU0:router# configure	Enters global configuration mode.
Step 2	<code>router static</code> Example: RP/0/RSP0/CPU0:router(config)# router static	Enters static route configuration mode.
Step 3	<code>vrf vrf-name</code> Example: RP/0/RSP0/CPU0:router(config-static)# vrf vrf_A	(Optional) Enters VRF configuration mode. If a VRF is not specified, the static route is configured under the default VRF.
Step 4	<code>address-family {ipv4 ipv6} {unicast multicast}</code> Example: RP/0/RSP0/CPU0:router(config-static-vrf)# address family ipv6 unicast	Enters address family mode.
Step 5	<code>prefix mask [vrf vrf-name] {ip-address interface-type interface-instance} [distance] [description text] [tag tag] [permanent]</code> Example: RP/0/RSP0/CPU0:router(config-static-vrf-afi)# 2 001:0DB8::/32 2001:0DB8:3000::1 201	Configures an administrative distance of 201.
Step 6	<code>end</code> OR <code>commit</code> Example: RP/0/RSP0/CPU0:router(config-static-vrf-afi)# end OR RP/0/RSP0/CPU0:router(config-static-vrf-afi)# commit	Saves configuration changes. <ul style="list-style-type: none"> When you issue the <code>end</code> command, the system prompts you to commit changes: Uncommitted changes found, commit them before exiting (yes/no/cancel)? [cancel]: <ul style="list-style-type: none"> Entering <code>yes</code> saves configuration changes to the running configuration file, exits the configuration session, and returns the router to EXEC mode. Entering <code>no</code> exits the configuration session and returns the router to EXEC mode without committing the configuration changes. Entering <code>cancel</code> leaves the router in the current configuration session without exiting or committing the configuration changes. Use the <code>commit</code> command to save the configuration changes to the running configuration file and remain within the configuration session.

References:

<http://www.cisco.com/en/US/docs/routers/asr9000/software/routing/configuration/guide/rcasr9kstat.html#wp1041359>



QUESTION 5

Match the LAN type on the left to the correct MEF service type on the right.

Select and Place:

Match the LAN type on the left to the correct MEF service type on the right.

point-to-point	E-Tree
multipoint-to-multipoint	E-Line
rooted multipoint	E-LAN

Correct Answer:

Match the LAN type on the left to the correct MEF service type on the right.

	rooted multipoint
	point-to-point
	multipoint-to-multipoint

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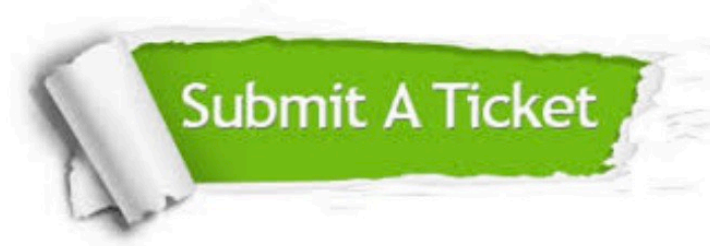
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