

**QUESTION 61**

Which component is similar to an EVPN instance?

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

**Correct Answer: C**

**QUESTION 62**

The network-engineering team of a service provider is integrating several recently acquired networks into a more scalable common Unified MPLS architecture. The new network architecture will support end-to-end VPNv4 and VPNv6 services with these requirements:

- The IGP of the core layer is IS-IS In Area 0.
- The IGP of the aggregation layers is OSPF in Area 0.
- The LDP protocol is used to distribute label bindings within each IGP domain.

Which task must the network engineer perform when implementing this new architecture?

- A. Configure BGP-LU between ABR routers of each IGP domain to carry MPLS label information in NLRI.
- B. Configure a BGP session between the ABR routers of each IGP domain to exchange VPNv4 or VPNv6 prefixes
- C. Configure the ABR in each IGP domain to preserve next-hop information on all VPNv4 and VPNv6 prefixes advertised by the PE.
- D. Configure mutual redistribution of each IGP domain's loopback prefix to provide end-to-end LDP LSP

**Correct Answer: D**

**QUESTION 63**

After you analyze your network environment, you decide to implement a full separation model for Internet access and MPLS L3VPN services For which reason do you make this decision?

- A. It enables you to choose whether to separate or centralize each individual service.
- B. It is easier to manage a system in which services are mixed
- C. It requires only one edge router
- D. It enables EGP and IGP to operate independently

**Correct Answer: D**

**QUESTION 64**

What is the primary role of Ansible in a network?

- A. It is used as a debugging tool for connectivity issues between the DMZ and an enterprise intranet.
- B. It is used to diagnose Layer 11 issues in data centers that span more than one city block.
- C. It is used to deploy IPv6 configuration in networks that are dual stack.
- D. It is used as a network automation provisioning and configuration tool.

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**Correct Answer:** D

### **QUESTION 65**

Which feature will an operator use while implementing MPLS TE on customer's network, to prevent an LSP from using any overseas inks?

- A. bandwidth
- B. affinity
- C. explicit path
- D. SLRG

**Correct Answer:** C

### **QUESTION 66**

BGP has been implemented on a IOS XR router. Which configuration sends BGP IPv4 labels to build inter-domain LSPs?

- A. router bgp 65515 address-family ipv4 unicast neighbor 172.16.70.23 send-community extended
- B. router bgp 65515 no bgp default ipv4-unicast
- C. router bgp 65515 address-family ipv4 unicast neighbor 172.16.70.23 send-community
- D. router bgp 65515 neighbor 172.16.70.23 address-family ipv4 labeled-unicast

**Correct Answer:** D

### **QUESTION 67**

What is a primary benefit of IPoATM or MPLS over ATM backbone service provider networks?

- A. dedicated circuits
- B. variable-length packets
- C. isochronous system
- D. fixed-length cells

**Correct Answer:** A

### **QUESTION 68**

A network engineer is configuring a newly installed PE router at the regional gateway location. The new PE router must use MPLS core routing protocols with the existing P router, and LDP sessions between the two routers must be protected to provide faster MPLS convergence. Which configuration must the engineer perform on the network so that LDP sessions are established?

- A. Enable communication over TCP port 646 for T-LDP hello messages.
- B. Enable RSVP-TE FRR on the LDP interface to protect the LDP session between routers.
- C. Enable LDP session protection on either one of the routers, which allows them to autonegotiate.
- D. Set the LDP session protection timer on each router to the same value.

**Correct Answer:** C

### **QUESTION 69**

How much must the MTU be increased when configuring the 802.1q VLAN tag?

- A. 2 bytes

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- B. 4 bytes
- C. 8 bytes
- D. 12 bytes

**Correct Answer:** B

### **QUESTION 70**

Which protocol is used for communication between the PCE and PCC?

- A. ICMP
- B. PCEP
- C. CEF
- D. POP

**Correct Answer:** B

### **QUESTION 71**

What is a constraint of Cisco MPLS TE tunnel configurations?

- A. Tunnels cannot span multiple OSPF areas.
- B. With ISIS as an IGP, only older-style metrics are used.
- C. Tunnels cannot be configured over IP unnumbered links.
- D. QoS-aware tunneling is not supported.

**Correct Answer:** C

### **QUESTION 72**

Which statement describes the advantage of a Multi-Layer control plane?

- A. It automatically provisions, monitors, and manages traffic across Layer 0 to Layer 3
- B. It minimizes human error configuring converged networks
- C. It supports dynamic wavelength restoration in Layer 0
- D. It provides multivendor configuration capabilities for Layer 3 to Layer 1

**Correct Answer:** C

### **QUESTION 73**

Egress PE NAT is being used via a single centralized router to provide Internet access to L3VPN customers. Which description of the NAT operation is true?

- A. Users in different VRFs cannot share the same outside global IP address
- B. The NAT table contains a field to identify the inside VRF of a translation
- C. Multiple address pools are needed for the same L3VPN because each site has a separate NAT
- D. The different L3VPNs using the Internet access must not have IP overlaps internally

**Correct Answer:** B

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### **QUESTION 74**

Which service is a VNF role?

- A. Compute
- B. Network
- C. Firewall
- D. Storage

**Correct Answer:** B

### **QUESTION 75**

What is a characteristic of prefix segment identifier?

- A. It contains a router to a neighbor
- B. It contains the interface address of the device per each link
- C. It is globally unique.
- D. It is locally unique.

**Correct Answer:** C

### **QUESTION 76**

What are two factors to consider when implementing NSR High Availability on an MPLS PE router? (Choose two.)

- A. It consumes more memory and CPU resources than NSF
- B. It operates normally without NSR support on the PE peers.
- C. It requires all PE-CE sessions to support NSR
- D. It requires routing protocol extensions
- E. It cannot sync state information across redundant RPs

**Correct Answer:** AB

### **QUESTION 77**

Which control plane protocol is used between Cisco SD-WAN routers and vSmart controllers?

- A. OTCP
- B. OMP
- C. UDP
- D. BGP

**Correct Answer:** B

### **QUESTION 78**

Which two routing protocols support Cisco MPLS TE tunnels? (Choose two.)

- A. IS-IS
- B. RIP
- C. BGP
- D. OSPF
- E. EIGRP

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**Correct Answer:** AD

### **QUESTION 79**

What is the difference between SNMP and model-driven telemetry?

- A. Telemetry allows for modeled network data to be pushed to the network administrator on an as-needed basis
- B. Telemetry uses traps and inform messages to deliver data to a network administrator on a polling basis
- C. SNMP uses the YANG data modeling language
- D. SNMP pushes network data to the network administrator whenever it is queried

**Correct Answer:** A

### **QUESTION 80**

Which module refers to the network automation using Ansible?

- A. the iosxr\_system module to collect facts from remote devices
- B. the iosxr\_user module to manage banners for users in the local database
- C. the iosxr\_logging module to run debugging for severity levels 2 to 5
- D. the iosxr\_command module to issue run commands on remote devices

**Correct Answer:** D

### **QUESTION 81**

A network engineer is configuring a router to send multicast traffic for the 239.10.10.10 group. Which configuration must an .... forward the traffic?

- A. Cisco(config)# interface ethernet 1/0 Cisco(config-if)# ip igmp max-groups action replace
- B. Cisco(config)# interface ethernet 1/0 Cisco(config-if)# ip igmp filter
- C. Cisco(config)# interface ethernet 1/0 Cisco(config-if)# ip igmp access-group 239.10.10.10
- D. Cisco(config)# interface ethernet 1/0 Cisco(config-if)# ip igmp join-group 239.10.10.10

**Correct Answer:** D

### **QUESTION 82**

Which utility must be used to locate MPLS faults?

- A. QoS
- B. MPLS LSP ping
- C. MPLStraceroute
- D. EEM

**Correct Answer:** C

### **QUESTION 83**

What are the two uses of the YANG data modeling language? (Choose two.)

- A. It is used to access a device by HTTP.

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