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NEW QUESTION: 1

Which CLI mode must be used to configure the BGP keychain in Cisco IOS XR software?

- A. BGP neighbor configuration
- B. routing configuration mode
- C. global configuration mode
- D. mode BGP address-family configuration mode

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 2

Refer to the exhibit.

Which configuration must be implemented on router R8 so that it will establish OSPF adjacency with R5?

- A)
- B)
- C)
- D)
- A. Option A
- B. Option C
- C. Option D
- D. Option B

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 3

A network operator needs to implement PIM-SSM multicast configuration on customer's network so that users in different domains are able to access and stream live traffic. Which two actions must the engineer perform on the network to make the streaming work? (Choose two.)

- A. Enable PM dense mode on the device.
- B. Enable IGMP version 2 at the interface level.
- C. Configure at least one MSDP peer on the network
- D. Enable IGMP version 3 at the interface level.
- E. Enable PIM sparse mode on the device.

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 4

What is the characteristic of the TI-LFA?

- A. It guarantees a loop-free path for all interfaces in the OSPF- super backbone .
- B. It guarantees a loop-free path for all areas configured m OSPF
- C. It applies on each area and instance and makes all the interfaces inherit the configuration
- D. It applies only on the instance and makes at the interfaces inherit the configuration

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

An engineer is implementing IGMP with SSM on a multicampus network that supports video streaming. Which task must the engineer perform as part of the process?

- A. Configure the network to use the PIM bsr-candidate
- B. Configure an RP that uses static assignments only.
- C. Configure the network to use bidirectional PIM.
- D. Configure the network to use IGMPv3.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 6

Which regular expression query modifier function indicates the start of a string?

- A. \$
- B. +
- C. ^
- D. [^]

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 7

Refer the exhibit.

Users on a network connected to router R3 report slow speeds when they connect to the server connected to R2. After analyzing traffic on the network, a network engineer identified congestion on the link between R2 and R3 as the cause. Which QoS service must the engineer implement to drop traffic on the link when it exceeds a configured threshold?

- A. first-in, first-out
- B. traffic shaping
- C. class-based weighted fair queueing
- D. traffic policing

Answer: D ([LEAVE A REPLY](#))

<https://www.cisco.com/c/en/us/support/docs/quality-of-service-qos/qos-policing/19645-policevsshape.html>

NEW QUESTION: 8

Refer to the exhibit.

An engineer wants to determine which paths are best, second best, third best, and fourth best. Drag and drop the peer addresses on the left to the corresponding BGP best-path selection order on the right.

Answer:

NEW QUESTION: 9

What is a characteristic of MVPN?

- A. It creates GRE tunnels to route multicast traffic over a service provider IP core.
- B. It bypasses the use of MPLS in the service provider core and transmits packets using IP only.
- C. It uses pseudowires to route unicast and broadcast traffic over either a service provider MPLS or IP core.
- D. It allows VRF traffic to use the service provider MPLS VPN to route multicast traffic.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 10

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

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 11

The service provider is serving hosts with two different multicast streams from source X and source Y. Source X is multicast group 224.0.0.0/8, and source Y is multicast group 226.0.0.0/8. Multicast source X should send its stream through bidirectional RP address 10.20.1.1, and multicast source Y should send its stream through RP address 10.20.2.1. Which configuration meets these requirements?

- A. Set PIM sparse mode with a static RP address of 10.20.2.1 on RA and RC.
- B. Enable ip pim ssm default on RA and RB.
- C. Add ip pim bidir-enable in global mode on RB.

D. Permit the source X and source Y IP addresses in the access list on RB.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 12

Refer to the exhibit:

A network engineer is implementing an OSPF configuration Based on the output, which statement is true?

- A. In the ospfv3 1 area 1 ipv4 command, area 0 must be configured instead of area 1.
- B. IPv6 routing not enabled" is just an informational message and OSPFv3 runs for IPv4 on interface FastEthernet0/0 anyway
- C. OSPFv3 does not run for IPv4 on FastEthernet0/0 until IPv6 routing is enabled on the router and IPv6 is enabled on interface FastEthernet0/0
- D. OSPFv3 cannot be configured for IPv4; OSPFv3 works only for IPv6.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 13

Refer to the exhibit:

This configuration is being applied on an IOS XR router.

Which statement about this configuration is true?

- A. It is used to create a subscription to specify the streaming interval
- B. It is used to identify traps for SNMP polling
- C. It is used to identify MIB entries and has a list of YANG models
- D. It is used to create a sensor-group and has a list of YANG models for streaming

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

What is a feature of model-driven telemetry?

- A. It is less secure because it uses community strings.
- B. It uses the pull model to send requested data to a client when polled.
- C. It occasionally streams to multiple servers in the network.
- D. It uses the push model to stream data to desired destinations.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 15

Refer to the exhibit.

A network operator needs to shut down interface Gi0/0/0/2 for maintenance. What occurs to the interface states of Gi0/0/0/0 and Gi0/0/0/1?

- A. Gi0/0/0/1 and Gi0/0/0/0 become active
- B. Gi0/0/0/1 becomes active Gi0/0/0/0 remains standby
- C. Gi0/0/0/0 becomes active. Gi0/0/0/1 remains standby
- D. Gi0/0/0/1 and Gi0/0/0/0 remains standby

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 16

You are testing the capabilities of MPLS OAM ping.

Which statement is true?

- A. MPLS OAM ping works solely with P2P LSPs
- B. MPLS OAM ping works solely with Cisco MPLS TE
- C. An LSP is not required for the reply to reach the ingress MPLS router
- D. An LSP breakage results in the ingress MPLS router never receiving any reply

Answer: C ([LEAVE A REPLY](#))

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NEW QUESTION: 17

Refer to the exhibit.

Refer to the exhibit. An Ethernet access provider is configuring routers PE-1 and PE-2 to provide E-Access EVPL service between UNI and ENNI. ENNI service multiplexing is based on 802.1ad tag 150, and service-multiplexed UNI is based on 802.1q tag 10. Which EFP configurations must the provider implement on PE-1 and PE-2 to establish end-to-end connectivity between CE-1 and CE-2?

A. On PE-1:

```
interface GigabitEthernet2
service instance 100 ethernet
encapsulation dot1ad 150
rewrite ingress tag pop 1 symmetric
```

On PE-2:

```
interface GigabitEthernet2
service instance 2 ethernet
encapsulation dot1q 10
```

B. On PE-1:

```
interface GigabitEthernet2
service instance 100 ethernet
encapsulation dot1q 150
rewrite ingress tag pop 1 symmetric
```

On PE-2:

```
interface GigabitEthernet2
service instance 2 ethernet
encapsulation dot1q 10
```

C. On PE-1:

```
interface GigabitEthernet2
service instance 100 ethernet
encapsulation dot1ad 150 dot1q 10
rewrite ingress tag pop 2 symmetric
```

On PE-2:

```
interface GigabitEthernet2
service instance 2 ethernet
encapsulation dot1q 10
```

D. On PE-1:

```
interface GigabitEthernet2
service instance 100 ethernet
encapsulation dot1ad 150
rewrite ingress tag pop 1 symmetric
```

On PE-2:

```
interface GigabitEthernet2
service instance 2 ethernet
encapsulation dot1q 10
```

Answer: C (LEAVE A REPLY)

```
rewrite ingress tag pop 1 symmetric
```

NEW QUESTION: 18

The network team is planning to implement IPv6 on the company's existing IPv4 network infrastructure. The network currently uses IS-IS to share routes between peers. Which task must the team perform so that IS-IS will run in multitopology mode on the updated IPv6 network?

- A. Configure the links between the network routers as point-to-point.
- B. Configure the network routers as Level 2 routers.
- C. Configure the network routers to use metric-style wide.
- D. Configure the IS-IS IPv6 metric on the dual-stack links.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 19

Which CLI mode must be used to configure the BGP keychain in Cisco IOS XR software?

- A. BGP neighbor configuration
- B. global configuration mode
- C. routing configuration mode
- D. mode BGP address-family configuration mode

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 20

A network engineer is implementing NetFlow to observe traffic patterns on the network. The engineer is planning to review the patterns to help plan future strategies for monitoring and preventing congestion as the network grows. If the captures must include BGP next-hop flows, which configuration must the engineer apply to the router?

A. ip cef

```
ip flow-export version 9 bgp-nexthop
ip flow-export destination 192.168.1.1 9996
interface gigabitethernet 1/0/1
ip flow ingress
```

B. no ip cef

```
ip flow-export version 9
ip flow-export destination 192.168.1.1 9996
interface gigabitethernet 1/0/1
ip flow ingress
```

ip flow egress

C. ip cef

```
ip flow-export version 5
ip flow-export destination 192.168.1.1 9995
interface gigabitethernet 1/0/1
ip flow ingress
```

cdp enable

D. ip cef

```
ip flow-export version 5 bgp-nexthop
ip flow-export destination 192.168.1.1 9995
interface gigabitethernet 1/0/1
ip flow egress
```

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 21

Drag and drop the OSPF area types from the left onto the correct statements on the right

Answer:

NEW QUESTION: 22

What is the function of the FEC field within the OTN signal structure?

A. It allows deep inspection of data payload fields.

B. It allows receivers to correct errors upon data arrival.

C. It allows the sending devices to apply QoS within the OTN forwarding structure.

D. It allows source nodes to discard payload errors before transmitting data on the network.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 23

A service provider requires continuous real-time network monitoring to provide reliable SLAs to its customers. To satisfy this requirement, a network administrator is implementing gRPC dial out on an ASR with TLS. Receiver 192.168.10.2 will be assigned one of the subscriptions, and it will manage the ASR. Which configuration must the engineer apply to the router as part of the configuration process?

- A.** snmp-server community public
snmp-server enable traps
snmp-server host 192.168.10.2 version 2c public.
- B.** telemetry model-driven
destination-group DGroup1
address family ipv4 192.168.10.2 1 port 10
encoding self-describing-gpb
- C.** telemetry model-driven
destination-group ciscotest
address family ipv4 192.168.10.2 port 10
encoding self-describing-gpb
protocol grpc tis-hostname ciscotest.com
- D.** snmp-server community public
snmp-server enable traps
snmp-server enable traps snmp authentication
snmp-server manager
snmp-server manager session-timeout 1000

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 24

Refer to the exhibit.

Refer to the exhibit. An engineer working for a private telecommunication company with an employee id: 3414:81:713 is implementing this network, in which:

Routers R1A and R1B are eBGP neighbors.

iBGP is configured within AS 65515 and AS 65516.

Network 192.168.2.0/24 is shared with AS 65516.

Router R3A has an iBGP relationship with router R2A only.

Router R2A has an iBGP relationship with routers R1A and R3A.

Which additional task must the engineer perform to complete the configuration?

- A.** Configure router R2A to use the next-hop-self attribute when advertising the learned route to router R1A.
- B.** Configure router R3A to redistribute route 192.168.2.0/24 into the configured IGP to advertise the prefix to router R1A.

C. Configure router R2A as a route reflector to advertise the iBGP learned prefix from router R3A to R1A.

D. Configure router R1A with a static route to 192.168.2.0/24 that is redistributed into BGP.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 25

Refer to Exhibit.

A network engineer is trying to retrieve SNMP MIBs with RESTCONF on the Cisco switch but fails. End-to-end routing is in place. Which configuration must the engineer implement on the switch to complete?

A. snmp-server community cisco RW

B. snmp-server community public RO

C. netconf-yang cisco-ia snmp-community-string Private

D. netconf-yang cisco-ia snmp-community -string Public

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 26

Refer to the exhibit.

Refer to the exhibit. A large service provider is migrating device management from Layer 2 VLAN-based to Layer 3 IP-based solution. An engineer must configure the ISIS solution with these requirements:

Network management server IP 172.16.10.1 must be advertised from the core MPLS network to the regional domain.

The external network 202.10.0.0/24 must not establish ISIS peering with the R5 router.

The regional network must prevent sending unnecessary hello packets and flooding the routing tables of the R5 router.

Which two ISIS parameters must be implemented to meet these requirements? (Choose two.)

A. advertise-passive-only

B. overload bit passive

C. LSP lifetime maximum

D. attached bit on ISIS instance

E. passive-interface Loopback0

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 27

Refer to the exhibit:

If router RA is configured as shown, which IPv4 multicast address space does it use?

A. 239.0.0.0/8

B. 232.0.0.0/8

C. 225.0.0.0/8

D. 224.0.0.0/8

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 28

What occurs when a high bandwidth multicast stream is sent over an MVPN using Cisco hardware?

- A. Option A
- B. Option D
- C. Option B
- D. Option C

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 29

Refer to the exhibit:

P3 and PE4 are at the edge of the service provider core and serve as ABR routers. Aggregation areas are on either side of the core.

Which statement about the architecture is true?

- A. To support seamless MPLS, TDP must be used as the label protocol
- B. If each area is running its own IGP, BGP must provide an end-to-end MPLS LSP
- C. To support seamless MPLS, the BGP route reflector feature must be disabled
- D. If each area is running its own IGP, the ABR routers must redistribute the IGP routing table into BGP

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 30

Refer to the exhibit:

An engineer wants to authenticate the OSPF neighbor between PEA and PE-B using MD5.

Which command on PE-B successfully completes the configuration?

- A)
 - B)
 - C)
 - D)
- A. Option A
 - B. Option B
 - C. Option C
 - D. Option D

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 31

Refer to the exhibit.

An engineer is reviewing the BGP configuration. Which routes must be advertised to 10.10.10.1

- A. All routes whether local or from other ASNs are permitted.
- B. All routes whether local or from other ASNs are denied.
- C. Local routes are permitted, and routes from other ASNs are denied.
- D. Local routes are denied, and routes from other ASNs are permitted.

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 32

A network operator working for a private outsourcing company with an employee id: 4261:72:778 needs to limit the malicious traffic on their network. Which configuration must the engineer use to implement URPF loose mode on the GigabitEthernet0/1 interface?

- A. router(config)# interface gigabitethernet0/1
router(config-if)# ip address 192.168.200.1 255.255.255.0
router(config-if)# ip verify unicast source reachable-via any
router(config-if)# ipv6 address 2001:DB8:1::1/96
router(config-if)# ipv6 verify unicast source reachable-via any
- B. router(config)# interface gigabitethernet0/1
router(config-if)# ip address 192.168.200.1 255.255.255.0
router(config-if)# ip verify unicast source reachable-via rx
router(config-if)# ipv6 address 2001:DB8:1::1/96
router(config-if)# ipv6 verify unicast source reachable-via rx
- C. router(config)# interface gigabitethernet0/1
router(config if)# ip address 192.168.200.1 255.255.255.0
router(config-if)# ip verify unicast source reachable-via rx
router(config-if)# ipv6 address 2001:DB8:1::1/96
router(config-if)# ipv6 verify unicast source reachable-via any
- D. router(config)# interface gigabitethernet0/1
router(config-if)# ip address 192.168.200.1 255.255.255.0
router(config-if)# ip verify unicast source reachable-via any
router(config-if)# ipv6 address 2001:DB8:1::1/96
router(config-if)# ipv6 verify unicast source reachable-via rx

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 33

A router is configured to perform MPLS LDP graceful restart.

Which three steps are included when the RP sends an LDP initialization to a neighbor to establish an LDP session? (Choose three)

- A. Reconnect Timeout field
- B. Graceful restart capability in OPEN message
- C. Learn from Network (L.) flage, set to 1
- D. Recovery Time field
- E. Type-9 LSA
- F. Learn from Neighbor (N) flag, set to 1

Answer: A,C,D (LEAVE A REPLY)

NEW QUESTION: 34

Refer to the exhibit.

Which show command should be implemented to display per-interface statistics about uRPF drops and suppressed drops?

- A. show ip traffic
- B. show ip interface
- C. show ip interface brief
- D. show cef interface

Answer: B (LEAVE A REPLY)

NEW QUESTION: 35

A network engineer is testing an automation platform that interacts with Cisco networking devices via NETCONF over SSH. In accordance with internal security requirements:

NETCONF sessions are permitted only from trusted sources in the 172.16.20.0/24 subnet.

CLI SSH access is permitted from any source.

Which configuration must the engineer apply on R1?

- A.

```
configure terminal
hostname R1
ip domain-name mydomain.com
crypto key generate rsa
ip ssh version 1
access-list 1 permit 172.16.20.0 0.0.0.255
netconf ssh acl 1
line vty 0 4
transport input ssh
end
```
- B.

```
configure terminal
hostname R1
ip domain-name mydomain.com
```

```
crypto key generate rsa
ip ssh version 1
access-list 1 permit 172.16.20.0 0.0.0.255
access-list 2 permit any
netconf ssh
line vty 0 4
access-class 2 in
transport input ssh
end
```

C. configure terminal

```
hostname R1
ip domain-name mydomain.com
crypto key generate rsa
ip ssh version 2
access-list 1 permit 172.16.20.0 0.0.0.255
access-list 1 permit any
netconf ssh
line vty 0 4
access-class 1 in
transport input ssh
end
```

D. configure terminal

```
hostname R1
ip domain-name mydomain.com
crypto key generate rsa
ip ssh version 2
access-list 1 permit 172.16.20.0 0.0.0.255
netconf ssh acl 1
line vty 0 4
transport input ssh
end
```

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 36

A network engineer is configuring Flexible NetFlow and enters these commands

What are two results of implementing this feature instead of traditional NetFlow? (Choose two.)

- A.** The data export flow is more secure
- B.** The accuracy of the data to be analyzed is improved.
- C.** The number of packets to be analyzed are reduced.
- D.** Only the flows of top 100 talkers are exported.
- E.** CPU and memory utilization are reduced.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 37

Refer to the exhibit. Which additional configuration must an engineer to the edge router to inject a default router into the MP-BGP address family for the internet_Shared_Services dedicated VRF?

- A)
- B)
- C)
- D)

- A. Option A
- B. Option C
- C. Option D
- D. Option B

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 38

An engineer is implementing NSR with OSPF on a large campus that requires high availability. Which task must an engineer perform to complete the process with minimal disruption to traffic?

- A. increase the keepalive interval on the OSPF neighbors so that traffic continues to pass during the switchover.
- B. Configure the device to repopulate state information using routing updates received from the BDR
- C. Ensure that the dual RP has synchronized their state information before performing the switchover operation.
- D. Reset OSPF neighbor sessions to maintain state information during router switchover

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 39

Which two tasks must you perform when you implement LDP NSF on your network? (Choose two.)

- A. Implement direct connections for LDP peers
- B. Enable NSF for EIGRP
- C. Enable NSF for BGP
- D. Enable NSF for the link-state routing protocol that is in use on the network.
- E. Disable Cisco Express Forwarding

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 40

Refer to the exhibit.

The network engineer who manages ASN 65010 is provisioning a customer VRF named CUSTOMER-ABC on PE-2. The PE-CE routing protocol is OSPF Internet reachability is available

via the OSPF 0 0 0.0/0 route advertised by CE-1 to PE-1 In the customer VRF Which configuration must the network engineer Implement on PE-2 so that CE-2 has connectivity to the Internet?

- A)
- B)
- C)
- D)

- A. Option C
- B. Option A
- C. Option D
- D. Option B

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 41

Refer to the exhibit:

A network engineer is implementing a BGP routing policy.

Which effect of this configuration is true?

- A. All traffic is assigned a local-preference of 300 regardless of its destination
- B. All traffic that matches acl10 is dropped without any change to its local-preference
- C. If traffic matches acl10, it is allowed and its local-preference is set to 300
- D. All traffic that matches acl10 is allowed without any change to its local-preference

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 42

Refer to the exhibit.

Refer to the exhibit. A network engineer configures CPE-1 for QoS with these requirements:

IPv4 and IPv6 traffic originated by the CPE-1 WAN IP address must be marked with DSCP CS3.

IPv4 LAN traffic must be marked with DSCP CS1.

IPv6 LAN traffic must be marked with DSCP default.

Which configuration must the engineer implement on CPE-1?

- A. class-map match-all SELF_TRAFFIC
match access-group name SELF_V4
match access-group name SELF_V6
class-map match-all V4_TRAFFIC
match protocol ip
class-map match-all V6_TRAFFIC
match protocol ipv6
class-map match-all QG_4
match qos-group 4
class-map match-all QG_6

```
match qos-group 6
!
policy-map LAN-INPUT
class V4_TRAFFIC
set qos-group 4
class V6_TRAFFIC
set qos-group 6
!
policy-map WAN-OUTPUT
class SELF_TRAFFIC
set ip dscp cs3
class QG_4
set ip dscp cs1
class QG_6
set ip dscp default
B. class-map match-all SELF_TRAFFIC
match access-group name SELF_V4
match access-group name SELF_V6
class-map match-all V4_TRAFFIC
match protocol ip
class-map match-all V6_TRAFFIC
match protocol ipv6
class-map match-all QG_4
match qos-group 4
class-map match-all QG_6
match qos-group 6
!
policy-map LAN-INPUT
class V4_TRAFFIC
set qos-group 4
class V6_TRAFFIC
set qos-group 6
!
policy-map WAN-OUTPUT
class SELF_TRAFFIC
set dscp cs3
class QG_4
set ip dscp cs1
class QG_6
set dscp default
C. class-map match-any SELF_TRAFFIC
```

```
match access-group name SELF_V4
match access-group name SELF_V6
class-map match-all V4_ TRAFFIC
match protocol ip
class-map match-all V6_ TRAFFIC
match protocol ipv6
class-map match-all QG_4
match qos-group 4
class-map match-all QG_6
match qos-group 6
!
policy-map LAN-INPUT
class V4_ TRAFFIC
set qos-group 4
class V6_ TRAFFIC
set qos-group 6
!
policy-map WAN-OUTPUT
class SELF_ TRAFFIC
set ip dscp cs3
class QG_4
set ip dscp cs1
class QG_6
set ip dscp default
D. class-map match-any SELF_ TRAFFIC
match access-group name SELF_V4
match access-group name SELF_V6
class-map match-all V4_ TRAFFIC
match protocol ip
class-map match-all V6_ TRAFFIC
match protocol ipv6
class-map match-all QG_4
match qos-group 4
class-map match-all QG_6
match qos-group 6
!
policy-map LAN-INPUT
class V4_ TRAFFIC
set qos-group 4
class V6_ TRAFFIC
set qos-group 6
```

```
!  
policy-map WAN-OUTPUT  
class SELF_TRAFFIC  
set dscp cs3  
class QG_4  
set ip dscp cs1  
class QG_6  
set dscp default
```

Answer: C (LEAVE A REPLY)

NEW QUESTION: 43

A network engineer has configured TE tunnels in the MPLS provider core. Which two steps ensure traffic traverse? (Choose two.)

- A. A tunnel weight is configured in SPF database the same way as a native link.
- B. Forwarding adjacency features allows a tunnel to be Installed in the IGP table as a link.
- C. Static routes is the only option for directing traffic into a tunnel.
- D. ECMP between tunnels allows RSVP to function correctly.
- E. The IGP metric of a tunnel is configured to prefer a certain path

Answer: B,E (LEAVE A REPLY)

NEW QUESTION: 44

Refer to the exhibit.

An engineer is configuring router R1 for OSPFv3 as shown. Which additional configuration must be performed so that the three active interfaces on the router will advertise routes and participate in OSPF IPv6 processes?

- A)
- B)
- C)
- A. Option B
- B. Option C
- C. Option A

Answer: C (LEAVE A REPLY)

NEW QUESTION: 45

After a series of unexpected device failures on the network. a Cisco engineer is deploying NSF on the network devices so that packets continue to be forwarded during switchovers The network devices reside in the same holding, but they are physically separated into two different data centers Which task must the engineer perform as part of the deployment?

- A. implement VRFs and specify the forwarding instances that must remain active during failover.
- B. implement Cisco Express Forwarding to provide forwarding during failover
- C. implement OSPF to maintain the link-state database during failover.

D. implement an L2VPN with the failover peer to share state Information between the active and standby devices.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 46

Refer to the exhibit.

A network engineer must configure an LDP neighborhood between two newly installed routers that are located in two different offices. Router 1 is the core router in the network and it has already established OSPF adjacency with router 2. On router 1 and router 2, interface fa0/0 is configured for BFD. Which additional configuration must the engineer apply to the two devices to meet the requirement?

A. Router1(config)#int fa0/0 -

Router1(config-if)#mpls ldp autoconfig

Router1(config-if)#mpls ldp discovery interface

Router2(config)#router ospf 1 -

Router2(config-router)#mpls ldp autoconfig

Router2(config-if)#mpls ldp discovery interface

B. Router1(config)#int fa0/0 -

Router1(config-if)#mpls ip -

Router1(config-if)#mpls ldp discovery transport-address interface

Router2(config)#int fa0/0 -

Router2(config-if)#mpls ip -

Router2(config-if)#mpls ldp discovery transport-address interface

C. Router1(config)#int fa0/0 -

Router1(config-if)#mpls ldp autoconfig

Router2(config)#router ospf 1 -

Router2(config-router)#mpls ip

D. Router1(config)#int fa0/0 -

Router1(config-if)#mpls ip -

Router2(config)#router ospf 1 -

Router2(config-router)#mpls ldp autoconfig

Answer: D (LEAVE A REPLY)

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NEW QUESTION: 47

The NOC team must update the BGP forwarding configuration on the network with these requirements:

BGP peers must establish a neighborship with NSF capability and restart the session for the capability to be exchanged after 120 seconds.

BGP peers must delete routes after 360 seconds of inactivity.

Which action meets these requirements?

- A. Set the BGP restart-time to 120 seconds and the BGP ha-mode sso to 360 seconds.
- B. Set the stalepath-time to 120 seconds and the BGP restart-time to 360 seconds.
- C. Set the BGP restart-time to 120 seconds and the stalepath-time to 360 seconds.
- D. Set the BGP ha-mode sso to 120 seconds and the BGP restart-time to 360 seconds.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 48

Refer to the exhibit.

A network operator has two IPv4 and IPv6 dual-stacked network on each side of the IPv4 core network. The operator must be able to provide connectivity between them while using specific assigned IPv6 space provided from the company IP administrator team. Which technology should the network operator use to accomplish this goal?

- A. DS-Lite
- B. NAT44
- C. 6rd
- D. NAT46

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 49

Refer to the exhibit:

R1 and R2 are directly connected with Fast Ethernet interfaces and have the above configuration applied OSPF adjacency is not formed. When the debug ip ospf hello command is issued on R1. these log messages are seen.

Which command can be configured on routers R1 and R2 on fO/O interfaces to form OSPF adjacency?

- A. ip ospf network point-to-point
- B. ip ospf network point-to-multipoint non-broadcast
- C. ip ospf network broadcast
- D. ip ospf network non-broadcast

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 50

Refer to the exhibit.

An engineer is updating this network to meet these conditions:

- * Area 10 will receive inter-area routes and support mutual redistribution of external routes with the extranet.
- * The ::/0 route is prohibited in Area 10.
- * Area 11 will receive only the ::/0 route from the ABR.
- * External route redistribution is not supported in Area 11.
- * The ABR in Area 11 will advertise no interarea routes.

Which two configurations must be performed to meet the requirements? (Choose two.)

- A. Configure area 10 as nssa on R9 and XR32.
- B. Configure area 10 as stub on R9 and XR32.
- C. Configure area 11 as nssa no-summary on R7 and as nssa on XR31.
- D. Configure area 11 as stub no-summary on R7 and as stub on XR31.
- E. Configure area 11 as nssa default-information-originate on R7 and as nssa on XR31.

Answer: A,D ([LEAVE A REPLY](#))

NEW QUESTION: 51

Refer to the exhibit.

R101 is peering with R102 and R103, and R201 is peering with R202 and R203 using iBGP Labeled Unicast address families. The OSPF area 0 border routers are in a full iBGP Labeled Unicast mesh, and VPNv4 routes are exchanged directly between PE routers R101 and R201 through iBGP Which address family-level configuration must be applied on ABR R102 on ABR R102 to support a Unified MPLS routing architecture with partitioned IGP domains?

- A)
- B)
- C)
- D)
- A. Option B
- B. Option A
- C. Option C
- D. Option D

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 52

Refer to the exhibit.

A network engineer is configuring customer edge routers to finalize a L2VPN over MPLS deployment Assume that the AToM L2VPN service that connects the two CEs is configured correctly on the service provider network Which action causes the solution to fail?

- A. The xconnect statement has not been defined

- B. A loopback with a /32 IP address has not been used
- C. The routing protocol network types are not compatible
- D. OSPF does not work with L2VPN services

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 53

An ISP Is Implementing end-to-end fault monitoring for a customer based on the IEEE 802.3ah standard. The solution must detect when 15 or more corrupted Ethernet packets arrive within 10 ms and stop propagating traffic through the ISP backbone network or to the customer side. Which configuration must the ISP engineer apply?

A. ethernet oam link-monitoring enable

ethernet oam link-monitor crc-errors ingress time-window 10

ethernet oam link-monitor crc-errors ingress threshold high 15 ethernet oam link-monitor crc-errors egress time-window 10 ethernet oam link-monitor crc-errors egress threshold high 15

ethernet oam link-monitor high-threshold action shutdown-interface

B. ethernet oam

ethernet oam link-monitor receive-crc window 10

ethernet oam link-monitor receive-crc threshold high 15

ethernet oam link-monitor transmit-crc window 10

ethernet oam link-monitor transmit-crc threshold high 15

ethernet oam link-monitor high-threshold action errordisable-interface

C. ethernet oam link-monitoring

ethernet oam link-monitor receive-crc window 15

ethernet oam link-monitor receive-crc threshold high 10

ethernet oam link-monitor high-threshold action disable-interface

D. ethernet oam link-monitoring global enable

ethernet oam link-monitor receive crc-errors period 15

ethernet oam link-monitor receive crc-errors limit 15

ethernet oam link-monitor transmit crc-errors period 10

ethernet oam link-monitor transmit crc-errors limit 15

ethernet oam link-monitor limit action error-disable interface

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 54

Refer to the exhibit.

Routers R2 and R3 are Level 1/Level 2 IS-IS routers that redistribute 198.18.x.x/24 prefixes to routers R5 and R6. In the Level 1 area, R2 is to be the preferred router for all redistributed prefixes. Which configuration sets this preference?

A. Option B

B. Option A

C. Option D

D. Option C

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 55

Refer to the exhibit.

Refer to the exhibit. Routers P4 and P5 receive the 0.0.0.0/0 route from the ISP via eBGP peering. P4 is the primary Internet gateway router, and P5 is its backup. P5 is already advertising a default route into the OSPF domain. Which configuration must be applied to P4 so that it advertises a default route into OSPF and becomes the primary Internet gateway for the network?

A. configure terminal

```
router ospfv3 100
address-family ipv4 unicast
default-information originate always metric 40 metric-type 1
end
```

B. configure terminal

```
router ospfv3 100
address-family ipv4 unicast
redistribute bgp 65500 metric 40 metric-type 1
end
```

C. configure terminal

```
router ospfv3 100
address-family ipv4 unicast
default-information originate metric 40 metric-type 2
end
```

D. configure terminal

```
router ospfv3 100
address-family ipv4 unicast
default-information originate metric 40 metric-type 1
end
```

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 56

Refer to the exhibit.

What is the effect of this configuration?

A. R1 supports a graceful restart operation on the peer, even if graceful restart is disabled on the peer.

B. R1 failovers only to a peer that is configured for LDP SSO/NSF.

C. R1 supports a peer that is configured for LDP SSO/NSF as the peer recovers from an outage.

D. R1 failovers to any peer.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 57

Refer to the exhibit.

Refer to the exhibit. The link between Office A and Office B is running at 90% load, and occasionally the CPU on router R1 is overloaded. The company implemented QoS for business-critical applications at both offices as a temporary solution. A network engineer must update the R1 configuration to 600 ms to reduce CPU load and limit downtime after connection failure to avoid data loss. Which action meets this requirement?

- A. Configure BFD non-echo mode with the command `echo interval 250 minimal 300 echo-multiplier 2`.
- B. Configure BFD echo mode with the command `bfd interval 150 min_rx 200 multiplier 3`.
- C. Configure BFD demand mode with the command `bfd-demand timer 150 interval 250 retransmit 5`.
- D. Configure the fast-hello feature for OSPF with the command `ip ospf dead-interval minimal hello-multiplier 3`.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 58

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 59

Refer to the exhibit.

What type of configuration is it?

- A. It is configuration for the head-end router of a Cisco MPLS TE tunnel with segment routing.
- B. It is configuration that requires an explicit Cisco MPLS TE path to be configured for the tunnel to run.
- C. It is configuration that requires a dynamic Cisco MPLS TE path to be configured for the tunnel to run.
- D. It is configuration that requires OSPF to also be running to have optimized Cisco MPLS TE tunnels.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 60

Refer to the exhibit:

Export statistics received do not include the BGP next hop.

Which statement about the NetFlow export statistics is true?

- A. Loopback 0 must be participating in BGP for it to be included in the export statistics.
- B. Only the origin AS of the source router will be included in the export statistics.
- C. To include the BGP next hop in the export statistics, those keywords must be included with the version 9 entry.
- D. The origin AS and the peer-as will be included in the export statistics.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 61

Refer to the exhibit:

Based on the show/ command output, which result is true after BGP session is established?

- A. The IOS XR router advertises all routes to the neighbor 192.168.2.2, but it does not accept any routes from 192.168.2.2
- B. The IOS XR router advertises and accepts all routes to and from eBGP neighbor 192.168.2.2
- C. No routes are accepted from the neighbor 192.168.2.2, nor are any routes advertised to it
- C. The IOS XR router does not advertise any routes to the neighbor 192.168.2.2, but it accepts all routes from 192.168.2.2.

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 62

What is the role of NSO?

- A. Controls the turn-up of a device.
- B. Provides network monitoring services for Layer 3 devices.
- C. Provides public cloud services for customers that need Internet access.
- D. Maintains data storage.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 63

Refer to the exhibit:

Which command is used to complete this configuration for QoS class-based marking?

- A. PE-A(config-pmap-c)#random-detect
- B. PE-A(config-pmap-c)#set dscp ef
- C. PE-A(config-pmap-c)#fair-queue
- D. PE-A(config -pmap-c)#priority

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 64

Refer to the exhibit:

A network administrator wants to enhance the security for SNMP for this configuration.

Which action can the network administrator implement?

- A. Add a community string to the existing entry
- B. Re-configure to use SNMPv2 with MD5 authentication
- C. Maintain the configuration but switch to an encrypted password for device access through SSH
- D. Re-configure to use SNMPv3.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 65

Refer to the exhibit.

Refer to the exhibit. LDP peering between routers R1 and R2 is dropped when the link between R1 and R2 is taken offline. However, LDP peering between R2 and R3 stays up when the link between R2 and R3 is taken offline. Which action allows MPLS traffic forwarding to continue normally if the link between R1 and R2 goes down?

- A. Enable IGP and LDP Synchronization on R1.
- B. Implement LDP Session Protection on R2.
- C. Implement LDP Session Protection on R1.
- D. Enable IGP and LDP Synchronization on R2.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 66

A network engineer is configuring a BGP route policy for the SUBNET prefix set. Matching traffic must be dropped, and other traffic must have its MED value set to 400 and community 4:400 added to the route. Which configuration must an engineer apply?

- A. Option C
- B. Option A
- C. Option D
- D. Option B

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 67

Refer to the exhibit.

A network operator working for a telecommunication company with an employee ID: 4350:47:853 must implement an IGP solution based on these requirements:

- * Subnet 10.50.10.0 traffic must exit through the R1 router to connect with the Syslog server.
- * Subnet 10.50.20.0 traffic must exit through the R2 router to connect with the NTP server.
- * In case of link failure between R2 and R4, traffic must be routed via R1 and R3.

Which two configurations must be implemented on R5 to meet these requirements? (Choose two.)

- A. Apply a route policy to redistribute 10.50.10.0 from OSPF Area 0 to ISIS-L2 at a lower cost.
- B. Apply a route policy to redistribute 10.50.0.0 prefixes in OSPF to ISIS and ISIS to OSPF.
- C. Enable a route policy to advertise 10.50.10.0 In OSPF Area 0 at a low cost.
- D. Apply a route policy to redistribute 10.50.20.0 from ISIS-L2 to OSPF Area 0 at a higher cost.
- E. Enable a route policy to advertise 10.50.20.0 in ISIS-L2 at a higher cost.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 68

Refer to the exhibit. After a networking team configured this MPLS topology, the supervisor wants to view MPLS labels to verify the path that packets take from router R1 to router R7. The team already issued an ICMP ping to verify connectivity between the devices. Which task must the team perform to allow the supervisor to view the label switch path?

- A. Configure MPLS LDP Sync to sync labels from the routing table to the MPLS forwarding table.
- B. Configure MPLS TE to display the labels in the stack between the head and tail-end routers.
- C. Implement MPLS OAM to display the labels for each hop along the path.
- D. Implement MPLS LDP to assign labels to all the routes in the transit path.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 69

Drag and drop the functions from the left onto the Path Computation Element Protocol roles on the right.

Answer:

NEW QUESTION: 70

Refer to the exhibit.

Refer to the exhibit. A user is performing QoS marking on internet traffic and sending it with IPv4 and IPv6 headers on the provider edge device PE1. IPv4 traffic is classified with DSCP 4 and IPv6 traffic is classified with DSCP 6. Which action must the engineer take to begin implementing a QoS configuration on PE1 for the IPv6 traffic?

- A. Create access list IPv6-filter and remove DSCP value 4 and 6 in class maps CM-10 and CM-20.
- B. Create access list IPv6-match and configure match ip dscp 4 and match ip dscp 6 in class maps CM-10 and CM-20.
- C. Create an access list that includes any IPv6 traffic and apply it to CM-20.

D. Configure match ip dscp 4 in class map CM-10 and match ip dscp 6 in class map CM-20.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 71

Refer to the exhibit.

A network engineer must meet these requirements to provide a connects, solution:

The customer connected to Area 2 needs to access the application in Area 1 on the 10.10.10.0/24 subnet The Customer must not have access to the 20.10 30.0/24 subnet.

The service provider must make sure that the Area 2 routing database limits the number of IP addresses in the routing table Which two configurations must be implemented to meet the requirements? (Choose two)

- A. Apply the route map for tag 200 and teak Level 2 routes into Level 1 Area 2 on R4.
- B. Set a tag value of 200 to match the summary address 10.0.0/16 on R2.
- C. Apply the route map for tag 200 and leak Level 2 routes into Level 1 Area 2 on R3
- D. Set a tag value of 200 to match the summary address 10.0.0.0/16 on R3.
- E. Set a tag value of 200 to match the summary address 10.0.0./16 on R1.

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 72

Drag and drop the functionalities from the left onto the correct target fields on the right.

Answer:

NEW QUESTION: 73

Refer to the exhibit.

Router R1 is reporting that its BGP neighbor adjacency to router R2 is down, but its state is Active as shown. Which configuration must be applied to routers R1 and R2 to fix the problem?

- A)
- B)
- C)
- D)

- A. Option B
- B. Option D
- C. Option A
- D. Option C

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 74

A network operator working for a telecommunication company with an employee Id: 4065 96080 it trying to implement BFD configuration on an existing network of Cisco devices Which task must the engineer perform to enable BFD on the interfaces?

- A. Remove the log option from any ACLs on the interfaces.
- B. Remove any static routes that point to the interfaces
- C. Disable Cisco Express Forwarding on the interfaces
- D. Disable SSO on the interfaces

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 75

A network engineer is deploying VPLS configuration between multiple PE routers so that customer's remote offices have end-to-end LAN connectivity. Which additional configuration should the engineer perform on the PE routers to enable the virtual switch instance?

- A)
- B)
- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: B ([LEAVE A REPLY](#))

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/mp_l2_vpns/configuration/xs-3s/mp-l2-vpns-xe-3s-book/mp-vpls.html#GUID-D5B09E97-F785-4BCD-91F7-8E7C7E5F5A04

NEW QUESTION: 76

Refer to the exhibit:

This output is included at the end of an output that was provided by a device using NETCONF. What does the code show?

- A. It shows that the full configuration is being modeled by VANG
- B. It shows the hostname of the device as rpc-reply
- C. It shows that the running configuration is blank
- D. It shows NETCONF uses remote procedure calls.

Answer: D ([LEAVE A REPLY](#))

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NEW QUESTION: 77

Refer to the exhibit:

Assume all other configurations are correct and the network is otherwise operating normally. Which conclusion can you draw about the neighbor relationship between routers R1 and R2?

- A. The neighbor relationship is up
- B. The neighbor relationship is down because the local I-AS value for R2 is missing in the R1 neighbor statement
- C. The neighbor relationship will be up only if the two devices have activated the correct neighbor relationships under the IPv4 address family
- D. The neighbor relationship is down because R1 believes R2 is in AS 65012.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 78

Refer to the exhibit:

What is significant about the number 2 in the configuration?

- A. It is the numeric name of the ACL that contains the list of SNMP managers with access to the agent
- B. It represents the version of SNMP running
- C. It dictates the number of sessions that can be open with the SNMP manager
- D. It indicates two SNMP managers can read and write with the agent using community string cisco test

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 79

How do intent APIs make it easier for network engineers to deploy and manage networks?

- A. Option D
- B. Option A
- C. Option B
- D. Option C

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 80

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

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

Answer: A,E ([LEAVE A REPLY](#))

NEW QUESTION: 81

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

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

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 82

Refer to the exhibit.

Refer to the exhibit. A network engineer observed congestion between routers R1 and R4, which are connected on a point-to-point link. Two servers that reside on networks on R1 and R4 generate heavy traffic between them with most traffic going from R4 to R1. To improve overall performance, the engineer wants to drop inbound packets that exceed a configured threshold, without disrupting traffic that passes from R4 to R3. Which action must the engineer take to resolve the issue?

- A. Implement traffic shaping to drop excess packets.
- B. Implement a service policy in the outbound direction on each interface on the link to tag traffic exiting each router.
- C. Implement FIFO to queue excess traffic for transmission when bandwidth is available.
- D. Implement traffic policing to drop packets that exceed the given threshold.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 83

Drag and drop the technologies from the left onto the correct definitions on the right.

Answer:

NEW QUESTION: 84

Which service is a VNF role?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 85

A network architect plans to implement MPLS OAM to provide additional troubleshooting functionality for the NOC team. After analyzing the configuration on the MPLS P/PE nodes, the architect decides to revise the CoPP policies. Which two actions ensure that the new solution is secure? (Choose two.)

- A. Allow port 3505 in the outbound direction only.

- B. Allow the UDP protocol only.
- C. Allow the ICMP protocol only.
- D. Allow port 3503 in the inbound direction only.
- E. Allow the TCP and UDP protocols.

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 86

Refer to the exhibit.

```
router(config)# route-map blackhole-trigger
router(config-route-map)# match tag 777
router(config-route-map)# set ip next-hop 10.0.1.1
router(config-route-map)# set origin igp
router(config-route-map)# set community no-export
```

Refer to the exhibit. EIGRP is running across the core to exchange internal routes, and each router maintains iBGP adjacency with the other routers on the network. An operator has configured static routes on the edge routers R1 and R2 for IP address 10.0.1.1, which is used as a black hole route as shown. Which configuration should the operator implement to the management router to create a route map that will redistribute tagged static routes into BGP and create a static route to blackhole traffic with tag 777 that is destined to the server at 192.168.10.100?

A. router(config)# router bgp 55100

```
router(config-router)# redistribute static route-map blackhole-trigger
router(config)# ip route 192.168.10.100 255.255.255.255 Null0 tag 777
```

B. router(config)# router bgp 55100

```
router(config-router)# redistribute static route-map blackhole-trigger
router(config)# ip route 10.0.1.1 255.255.255.255 Null0 tag 777
```

C. router(config)# router bgp 55100

```
router(config-router)# redistribute connected route-map blackhole-trigger
router(config)# ip route 192.168.10.100 255.255.255.255 Null0 tag 777
```

D. router(config)# router bgp 55100

```
router(config-router)# redistribute connected
router(config)# ip route 192.168.10.100 255.255.255.255 tag 777
```

Answer: A (LEAVE A REPLY)

NEW QUESTION: 87

Refer to the exhibit:

Which configuration prevents the OSPF neighbor from establishing?

- A. default-metric
- B. network statement
- C. mtu
- D. duplex

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 88

Refer to the exhibit:

This configuration is being applied on an IOS XR router.

Which statement about this configuration is true?

- A. It is used to create a streaming subscription with a 60-second interval
- B. It is used to create a streaming subscription with a 600-second interval
- C. It is used to set up configuration to poll network data
- D. It is used to enable gRPC

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 89

Refer to the exhibit.

Refer to the exhibit. An engineer configured R6 as the headend LSR of an RSVP-TE LSP to router XR2, with the dynamic path signaled as R6-R2-R5-XR2. and set the OSPF cost of all links to 1. MPLS autotunnel backup is enabled on all routers to protect the LSP. Which two NNHOP backup tunnels should the engineer use to complete the implementation? (Choose two.)

- A. The R6 backup tunnel path R6-R2-R5
- B. The R6 backup tunnel path R6-R1-R2.
- C. The R2 backup tunnel path R2-R1-R4-XR1-XR2.
- D. The R2 backup tunnel path R2-R5 across the alternate link.
- E. The R6 backup tunnel path R6-R1-R4-R5.

Answer: C,E ([LEAVE A REPLY](#))

NEW QUESTION: 90

Refer to the exhibit.

An engineer configured multicast routing on client's network. What is the effect of this multicast implementation?

- A. R2 is elected as the RP for this domain.
- B. R1 floods information about R2 throughout the multicast domain.
- C. R2 floods information about R1 throughout the multicast domain.
- D. R2 is unable to share information because the ip pimn autorp listener command is missing.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 91

Refer to the exhibit.

The network engineer is performing end-to-end MPLS path testing with these conditions:

- * Users must perform MPLS OAM for all available same-cost paths from R1 to R4.
- * Traceroute operations must return all of the next-hop IP details.

Which configuration meets these requirements?

- A. traceroute mpls multipath ipv4 10.10.10.4 255.255.255.255 verbose
- B. traceroute mpls multipath ipv4 10.10.10.4 255.255.255.255
- C. traceroute mpls ipv4 10.10.10.4 255.255.255.255 source 10.10.10.1
- D. traceroute mpls ipv4 10.10.10.4 255.255.255.255 verbose

Answer: A ([LEAVE A REPLY](#))

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NEW QUESTION: 92

Which statement about TLS is accurate when using RESTCONF to write configurations on network devices'?

- A. It is provided using NGINX acting as a proxy web server
- B. It is not supported on Cisco devices
- C. It is used for HTTP and HTTPS requests.
- D. It requires certificates for authentication.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 93

An network engineer is deploying VRF on ASBR router R1. The interface must have connectivity over an MPLS VPN inter-AS Option AB network. Which configuration must the engineer apply on the router to accomplish this task?

- A)
- B)
- C)
- D)
- A. Option A
- B. Option C
- C. Option B
- D. Option D

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 94

Drag and drop the BGP Best Path Algorithm rules from the left into the corresponding order of importance on the right.

Answer:

NEW QUESTION: 95

Refer to the exhibit.

An engineer applied a gRPC dial-in configuration on customer's router to provide connection multiplexing and two-way streaming. What does this configuration accomplish in a gRPC?

- A. It is the encoding requested by the gRPC server.
- B. It is the encoding that is used for dial-in and dial-out.
- C. It is used for encoding with the default protocol buffers
- D. It is the encoding requested by the gRPC client.

Answer: A (LEAVE A REPLY)

<https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2019/pdf/BRKNMS-3537.pdf>

<https://xrdocs.io/telemetry/tutorials/2018-03-01-everything-you-need-to-know-about-pipeline/>

<https://community.cisco.com/t5/service-providers-documents/implementing-grpc-telemetry-on-xr-devices/ta-p/3393966>

NEW QUESTION: 96

Drag and drop the NAT64 descriptions from the left onto the correct NAT64 types on the right.

Answer:

NEW QUESTION: 97

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

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

Answer: C (LEAVE A REPLY)

NEW QUESTION: 98

A network administrator must monitor network usage to provide optimal performance to the network end users when the network is under heavy load. The administrator asked the engineer to install a new server to receive SNMP traps at destination 192.168.1.2. Which configuration must the engineer apply so that all traps are sent to the new server?

- A. snmp-server enable traps entity
snmp-server host 192.168.1.2 public
- B. snmp-server enable traps
snmp-server host 192.168.1.2 public
- C. snmp-server enable traps isdn
snmp-server host 192.168.1.2 public
- D. snmp-server enable traps bgp

snmp-server host 192.168.1.2 public

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 99

An engineer must implement QoS to prioritize traffic that requires better service throughout the network. The engineer started by configuring a class map to identify the high-priority traffic. Which additional tasks must the engineer perform to implement the new QoS policy?

- A. Create a route map to manipulate the routes that are entered into the routing table and then attach the route map to an interface using a service policy.
- B. Attach the class map to a policy map that sets the minimum bandwidth allocated to the classified traffic and designates the action to be taken on the traffic.
- C. Attach the class map to a policy map within a VRF to segregate the high-priority traffic and then attach the policy map to an interface in another VRF.
- D. Attach the class map to a policy map that designates the action to be taken on the classified traffic and then attach the policy map to an interface using a service policy.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 100

Refer to the exhibit.

Router 1 and router 2 are running IBGP. and router 2 and router 3 are running OSPF Area 0. Router 1 is advertising loopback interlaces Lo0 and Lo2 and router 2 is redistributing BGP into OSPF Area 0. Which configuration must an administrator apply so that router 2 uses a route map to redistribute only the internal route from Lo 2?

- A)
- B)
- C)
- A. Option A
- B. Option D
- C. Option C
- D. Option B

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 101

Refer to the exhibit.

An engineer is securing a customer's network. Which command completes this configuration and the engineer must use to prevent a DoS attack?

- A. ttl-security
- B. neighbor-ttl-security
- C. ebgp-multihop
- D. neighbor ebgp-multihop

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 102

Which protocol does a Cisco MPLS TE tunnel use to maintain paths within the core?

- A. RSVP
- B. RPF
- C. STP
- D. VTP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 103

Refer to the exhibit:

Which two statements about the ISIS topology are true? (Choose two.)

- A. All four routers are operating as Level 2 routers only.
- B. All four routers are operating as Level 1 routers only.
- C. All four routers are operating as Level 1-2 routers.
- D. R1 and R4 are Level 2 neighbors
- E. R1 and R2 are Level 2 neighbors.

Answer: C,E ([LEAVE A REPLY](#))

NEW QUESTION: 104

Refer To the exhibit.

Which BGP attribute should be manipulated to have CE1 use PE1 as the primary path to the Internet?

- A. The local preference attribute should be manipulated on PE2 on inbound routes advertised to CE1.
- B. The origin of all routes should be modified on each router on inbound and outbound routes advertised to CE1.
- C. The weight attribute should be manipulated on PE1 on outbound routes advertised to CE1.
- D. The MED should be manipulated on CE1 on inbound routes from PE1.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 105

Which additional configuration is required for NetFlow to provide traceback information?

- A. Cisco Express Forwarding must be configured for traffic that is egressing from the router to be properly reported.
- B. A classification ACL must be configured to identify which type of traffic will be analyzed.
- C. The BGP routing process must be started for any ingress or egress data to be reported when using NetFlow. Version 5.
- D. LLDP must be configured or the device will be unable to locate a NetFlow analyzer.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 106

Refer to the exhibit.

The engineering team wants to limit control traffic on router RX with the following IP address assignments:

* Accepted traffic for router: 10.0.0.0/24

* NOC users IP allocation: 192.168.10.0/24

Which additional configuration must be applied to RX to apply the policy for MSDP?

A. RX(config)#access-list 151 permit tcp any 10.0.0.0 0.0.0.255 eq 639

RX(config)#access-list 151 permit udp any 10.0.0.0 0.0.0.255 eq 639

B. RX(config)#access-list 150 permit tcp any 10.0.0.0 0.0.0.255 eq 639

RX(config)#access-list 150 permit udp any 10.0.0.0 0.0.0.255 eq 639

C. RX(config)#access-list 151 permit tcp any gt 1024 10.10.0.0 0.0.0.255 eq 639

RX(config)#access-list 151 permit tcp any eq 639 10.10.0.0 0.0.0.255 gt 1024 established

D. RX(config)#access-list 150 permit tcp any gt 1024 10.0.0.0 0.0.0.255 eq 639

RX(config)#access-list 150 permit tcp any eq 639 10.0.0.0 0.0.0.255 gt 1024 established

Answer: D (LEAVE A REPLY)

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NEW QUESTION: 107

While implementing TTL security, you issue the PE(config-router-af)#neighbor 2.2.2.2 ttl-security hops 2 command.

After you issue this command, which BGP packets does the PE accept?

A. to 2.2.2.2, with a TTL of 2 or more

B. from 2.2.2.2, with a TTL of 253 or more

C. to 2.2.2.2, with a TTL of less than 253

D. from 2.2.2.2, with a TTL of less than 2

Answer: (SHOW ANSWER)

NEW QUESTION: 108

An engineer working for telecommunication company with an employee id: 3715 15 021 needs to secure the LAN network using a prefix list Which best practice should the engineer follow when he implements a prefix list?

- A. An engineer must use non sequential sequence numbers in the prefix list so that he can insert additional entries later.
- B. An engineer must identify the prefix list with a number only
- C. The final entry in a prefix list must be /32
- D. An engineer must include only the prefixes for which he needs to log activity.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 109

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

- A. 4 bytes
- B. 12 bytes
- C. 2 bytes
- D. 8 bytes

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 110

Refer to the exhibit:

Router R1 and its peer R2 reside on the same subnet in the network, If does it make connections to R2?

- A. R1 establishes UDP connections that are authenticated with an MD5 password
- B. R1 establishes TCP connections that are authenticated with an MD5 password
- C. R1 establishes TCP connections that are authenticated with a clear-text password
- D. R1 establishes UDP connections that are authenticated with a clear-text password

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 111

Refer to the exhibit.

AN engineer is configuring segment routing on an ISP to simplify traffic engineering and management across network domains. What should the engineer do to complete the implementation of segment routing?

- A. Area authentication must be enable before segment routing will run.
- B. OSPF must be configured with wide area metrics to support routing.
- C. The segment will run without any further configuration.
- D. Area Authentication must be enable before segment routing will run.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 112

How is a telemetry session established for data analytics?

- A. A router requests the data using Teinet.
- B. A router initiates a session using the dial-out to a destination.
- C. The destination initiate a session using the dial-out more to the router.

D. A destination initiate a session to a router.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 113

Which statement about the Cisco MPLS TE forwarding adjacency feature is true?

- A. It enables the Cisco MPLS TE tunnel to be advertised into the running IGP.
- B. It enables the tailend router to advertise routes to the headend router over the tunnel
- C. It enables the MPLS core to use EIGRP as the routing protocol
- D. It enables the headend and tailend routers to establish a bidirectional tunnel

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 114

What causes multicast traffic to permanently stay on the shared tree and not switch to the source tree?

- A. The SPT threshold is set to infinity.
- B. The RP IP address is configured incorrectly.
- C. The RP announcements are being filtered.
- D. SSM range is being used.

Answer: C ([LEAVE A REPLY](#))

https://www.cisco.com/c/en/us/td/docs/ios/solutions_docs/ip_multicast/White_papers/mcst_ovr.html

NEW QUESTION: 115

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

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

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 116

Refer to the exhibit.

Refer to the exhibit. Users in AS 65010 are connected with the application server in AS 65050 with these requirements:

AS 65010 users are experiencing latency and congestion to connect with application server 172.16.50.10.

AS 65030 must be restricted to become Transient Autonomous System for traffic flow.

Links connected to AS 65020 and AS 65040 are underutilized and must be used efficiently for traffic.

Which two configurations must be implemented to meet these requirements? (Choose two.)

- A. Apply the MED route-map policy for traffic received from R4.

- B. Configure the route map to set the MED 50 attribute for R5-R4 BGP peering.
- C. Apply the AS-Path route-map policy for traffic received from R3.
- D. Configure a higher Local preference for R5-R4 BGP peering.
- E. Configure the route map to prepend the AS-Path attribute for R5-R3 BGP peering.

Answer: B,E ([LEAVE A REPLY](#))

NEW QUESTION: 117

What is a characteristic of prefix segment identifier?

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 118

Which configuration enables BGP FlowSpec client function and installation of policies on all local interfaces?

- A)
- B)
- C)
- D)
- A. Option A
- B. Option C
- C. Option D
- D. Option B

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 119

Which OoS model allows hosts to report their QoS needs to the network?

- A. DiffServ
- B. CB-WFQ
- C. IntServ
- D. MQC

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 120

You are configuring MPLS traffic-engineering tunnels in the core.

Which two ways exist for the tunnel path across the core? (Choose two)

- A. A zero bandwidth tunnel is not a valid option
- B. Tunnel links inherit IGP metrics by default unless overridden
- C. Tunnels can be configured with dynamic path or explicitly defined path

D. The bandwidth statement creates a "hard" reservation on the link-The dynamic path option is supported only with IS-IS

Answer: B,C (LEAVE A REPLY)

NEW QUESTION: 121

A network engineer must configure a router for Flexible NetFlow IPFIX export. The IP address of the destination server is 172.17.12.1. The source address must be set to the Loopback0 IPv4 address and exported packets must be set to DSCP CS3. The TTL must be 64 and the transport protocol must be set to UDP with destination port 4739. Which configuration must the engineer apply to the router?

A. configure terminal

```
flow exporter EXPORTER-1
```

```
destination 172.17.12.1
```

```
source Loopback0
```

```
dscp 3
```

```
ttl 64
```

```
export-protocol netflow-v9
```

```
transport udp 4739
```

```
end
```

B. configure terminal

```
flow exporter EXPORTER-1
```

```
destination 172.17.12.1
```

```
source Loopback0
```

```
dscp 24
```

```
ttl 64
```

```
export-protocol ipfix
```

```
end
```

C. configure terminal

```
flow exporter EXPORTER-1
```

```
destination 172.17.12.1
```

```
source Loopback0
```

```
dscp 24
```

```
ttl 64
```

```
export-protocol netflow-v9
```

```
transport udp 4739
```

```
end
```

D. configure terminal

```
flow exporter EXPORTER-1
```

```
destination 172.17.12.1
```

```
source Loopback0
```

```
dscp 3
```

```
tll 64
export-protocol ipfix
end
```

Answer: B (LEAVE A REPLY)

<https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/fnetflow/configuration/xr-3s/fnf-xr-3s-book/fnf-ipfix-export.html#d27853e197a1635>

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NEW QUESTION: 122

Refer to the exhibit.

Refer to the exhibit. The USER mat is connecting an application on an Internet connection in AS 100 is facing these issues:

The USER lost the connection to the application during a failure Between IG and R2.

Router R2 configuration a lost due to a power outage.

The application the USER is connecting to a hosted behind CE2.

What action resolves the issues on R3 and R4 routers?

- A. Set R3 as a route reflector for R4 and CE1
- B. Apply high Local Preference on R3 toward R1
- C. Set R4 as a route reflector for R3 and CE2
- D. Apply low Local Preference on R4 toward R2.

Answer: D (LEAVE A REPLY)

NEW QUESTION: 123

Refer to the exhibit.

Refer to the exhibit. What is the purpose of this JSON script?

- A. It changes the existing password.
- B. It confirms a user's login credentials.
- C. It deletes a user's authentication record.
- D. It updates a user authentication record.

Answer: (SHOW ANSWER)

NEW QUESTION: 124

Refer to the exhibit.

An engineer is configuring multitopology IS-IS for IPv6 on router R1. Which additional configuration must be applied to the router to complete the task?

- A. Option C
- B. Option A
- C. Option D
- D. Option B

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 125

Refer to the exhibit.

Refer to the exhibit. A network operator is attempting to configure an IS-IS adjacency between two routers, but the adjacency cannot be established. To troubleshoot the problem, the operator collects this debugging output. Which interface are misconfigured on these routers?

- A. Option D
- B. Option C
- C. Option B
- D. Option A

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 126

Drag and drop the OSs from the left onto the correct deceptions on the right.

Answer:

NEW QUESTION: 127

Refer to the exhibit:

Which statement about this configuration is true"?

- A. It requires OSPF to also be running to have optimized Cisco MPLS TE tunnels
- B. It requires a dynamic Cisco MPLS TE path to be configured for the tunnel to run
- C. It is the configuration for the head-end router of a Cisco MPLS TE tunnel with segment routing
- D. It requires an explicit Cisco MPLS TE path to be configured for the tunnel to run

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 128

Refer to the exhibits:

R1 and R2 are directly connected and IS-IS routing has been enabled between R1 and R2 R1 message periodically Based on this output, which statement is true?

- A. IS-IS neighbor authentication is failing for Level 2 PDUs only.
- B. IS-IS neighbor authentication is failing for Level 2 first and then for Level 1 PDUs
- C. 1S-1S neighbor authentication is failing for Level 1 and Level 2 PDUs .
- D. IS-IS neighbor authentication is failing for Level 1 PDUs only

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 129

Refer to the exhibit.

Refer to the exhibit. EIGRP is running across the core to exchange internal routes, and each router maintains OSPF adjacency with the other routers on the network. An operator has configured static routes on the edge routers R1 and R2 for IP address 10.0.1.1, which is used as a black hole route as shown. Which configuration should the operator implement on the management router to create a route map that will redistribute tagged static routes into BGP and create a static route to blackhole traffic with tag 777 that is destined to server at 192.168.10.100?

- A. Option D
- B. Option B
- C. Option A
- D. Option C

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 130

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

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 131

A network administrator is planning a new network with a segment-routing architecture using a distributed control plane. How is routing information distributed on such a network?

- A. Each segment is signaled by MPLS, and each segment makes steering decisions based on the routing policy pushed by BGP.
- B. Each segment is signaled by a compatible routing protocol, and each segment makes its own steering decisions based on SR policy.
- C. Each segment is signaled by an SR controller that makes the steering decisions for each node.
- D. Each segment is signaled by an SR controller, but each segment makes its own steering decisions based on SR policy.

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 132

A network engineer must enable the helper router to terminate the OSPF graceful restart process if it detects any changes in the LSA.

Which command enables this feature?

- A. nsf Cisco helper disable
- B. nsf cisco enforce global
- C. nsf ietf helper strict-lsa-checking
- D. nsf ietf helper disable

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 133

Which two features describe TI-LFA? (Choose two.)

- A. TI-LFA works with point of local repair when the PQ node supports only LDP capability.
- B. TI-LFA leverages the post-convergence path that carries data traffic after a failure.
- C. TI-LFA uses PQ or P and Q nodes on the post-convergence path to compute the backup path.
- D. Unlike RLFA, TI-LFA works without the PQ node and provides double segment failure protection.
- E. Post-convergence, TI-LFA considers the next-hop neighbor to calculate the backup repair path.

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 134

Why do packet loops occur during the configuration of BIDIR-PIM?

- A. The network is partially upgraded to support BIDIR-PIM
- B. The router has not been configured to advertise itself
- C. No interface for carrying traffic for multicast groups has been configured
- D. The network does not support BIDIR-PIM

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 135

A network administrator is planning a new network with a segment-routing architecture using a distributed control plane. How is routing information distributed on such a network?

- A. Each segment is signalled by an SR controller, but each segment makes its own steering decisions based on SR policy.
- B. Each segment is signalled by MPLS, and each segment makes steering decisions based on the routing policy pushed by BGP.
- C. Each segment is signalled by an SR controller that makes the steering decisions for each node.
- D. Each segment is signalled by a compatible routing protocol and each segment makes its own steering decisions based on SR policy.

Answer: (SHOW ANSWER)

<https://www.cisco.com/c/en/us/support/docs/multiprotocol-label-switching-mpls/mpls/215215-segment-routing-overview-and-migration-g.html>

NEW QUESTION: 136

Refer to the exhibit.

A network administrator implemented MPLS LDP changes on PE-A LSR device. The engineer must ensure there are no LDP peer are fully operational. Which LDP feature must the engineer apply to the existing configuration to eliminate the problem?

- A. Configure MPLS LDP IGP synchronization on the network.
- B. Configure MPLS LDP NSR for all LDP sessions.
- C. Enable LDP session protection under the routing protocol.
- D. Disable IP CEF on routers running LDP and enable LDP.

Answer: B (LEAVE A REPLY)

<https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/msp/configuration/xe-3s/mp-ha-xe-3s-book/mp-nsr-ldp-supp.pdf>

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NEW QUESTION: 137

Refer to the exhibit:

A network engineer is implementing a BGP protocol. Which effect of the local-as keyword in this configuration is true?

- A. It enables peer 192.168.1.2 to establish a BGP relationship with R1 using AS 65012 and the VPNv4 address family
- B. It enables peer 192.168.1.2 to establish a BGP relationship with R1 using AS 65012 without additional configuration
- C. It enables peer 192.168.1.2 to establish a BGP relationship with R1 using AS 65112 and the VPNv4 address family
- D. It enables peer 192.168.1.2 to establish a BGP relationship with R1 using AS 65112 without additional configuration.

Answer: (SHOW ANSWER)

<https://www.cisco.com/c/en/us/support/docs/ip/border-gateway-protocol-bgp/13761-39.html>

NEW QUESTION: 138

Refer to the exhibit:

Which statement about the neighbor statements for 192.168.1.1 is true?

- A. The router must have TDP configured for the send-label command to operate
- B. The router sends BGP labels for its prefixes to this peer
- C. The router sends only a label for the prefix for LoopbackO.

D. The neighbor router receives at least four labels from this router

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 139

Refer to the exhibit.

Refer to the exhibit. Tier 2 ISP A on AS 653 is connected to two Tier 1 ISPs on AS 321 and AS 51 respectively. The network architect at ISP A is planning traffic flow inside the network to provide predictable network services. Cisco Express Forwarding is disabled on the edge router. How should the architect implement BGP to direct all traffic via the Tier 1 ISP with next-hop 7.4.5.2?

A. Implement the BGP routing protocol and run the `bgp deterministic-med` command.

B. Implement the BGP routing protocol and the `maximum-paths 2` configuration.

C. Implement MP-BGP with a 4-byte AS number with the `bgp best path compare-routerid` command.

D. Implement BGP route-reflector functionality with the `bgp always-compare-med` configuration.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 140

Refer to the exhibit.

A network operator must configure CSR1 interfaces GigabitEthernet2 and GigabitEthernet3 to rewrite VLAN tags 12 and 21 for traffic between R1 and R2 respectively. Which configurator accomplishes this task?

A)

B)

C)

D)

A. Option D

B. Option C

C. Option A

D. Option B

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 141

Refer to the exhibit:

An engineer is preparing to implement link aggregation configuration.

Which statement about this configuration is true?

A. The switch port actively sends packets to negotiate an EtherChannel using PAgP

B. The switch port accepts LACP and PAgP packets from a connected peer and negotiates an EtherChannel using the common EtherChannel mode.

C. The switch port negotiates an EtherChannel if it receives LACP packets from a connected peer

D. The switch port passively negotiates an EtherChannel if it receives PAgP packets from a connected peer

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 142

How does Inter-AS Option-A function when two PE routers in different autonomous systems are directly connected?

A. The two routers treat one another as CE routers and advertise unlabeled IPv4 routes through an EBGP session.

B. The two routers share VPNv4 routes over a multihop EBGP session and set up an Inter-AS tunnel using one another's label.

C. The two routers share all Inter-AS VPNv4 routes and redistribute routes within an IBGP session to provide end-to-end reach.

D. The two routers establish an MP-EBGP session to share their customers' respective VPNv4 routes.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 143

A network engineer must implement SNMPv2 with these parameters

Enable SNMP community string C1sc0 with read-only permissions.

Enable interface index persistence.

Restrict the SNMP community to only the monitoring server with IP address 198.18.19.100/32.

Provide view-only access to ospfIfEntry and ospfNbrEntry.

Which configuration must the engineer apply?

A. Option B

B. Option C

C. Option A

D. Option D

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 144

Refer to the exhibit.

Which task completes the configuration?

A. Specify the maximum number of prefixes that R1 receives from neighbor 192.168.1.2.

B. Specify the local-as value in the neighbor statement.

C. Specify the source interface in the neighbor statement.

D. Specify the activate neighbor 192.168.1.2 under the IPv4 address family.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 145

Refer to the exhibit.

Refer to the exhibit. Router BRDR-1 is configured to receive the 0.0.0.0/0 and 172.17.1.0/24 network via BGP and advertise then into OSPF area 0. An engineer has noticed that the OSPF domain is receiving only the 172.17.1.0/24 route and default router 0.0.0.0/0 is still missing. Which configuration must an engineer apply to resolve this problem?

- A. Option B
- B. Option A
- C. Option D
- D. Option C

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 146

Refer to the exhibit:

BGPsec is implemented on R1. R2. R3. and R4 BGP peering is established between neighboring autonomous systems Which statement about implementation is true?

- A. BGP updates from the eBGP peers are appended with a BGPsec attribute sequence that includes a public key hash and digital signature
- B. BGP updates from the all BGP peers are appended with a community of no export
- C. BGP updates from the iBGP peers are appended with a community of local-as
- D. BGP updates from the eBGP peers are appended with an additional AS path value that is statically set by the domain administrator

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 147

A network engineer is adding 10Gbps link to an existing 2X1Gbps LACP-based LAG to augment its capacity. Network standards require a bundle interface to be take out of service if one of its member links does down, and the new link must be added with minimal impact to the production network. Drag and drop the tasks that the engineer must perform from the left into the sequence on the right. Not all options are used.

Answer:

NEW QUESTION: 148

Refer to the exhibit.

CE1 and CE2 require connectivity to the internet through the ISP connected to PE3 What should an engineer configure to complete this task?

- A. CE1 and CE2 must be configured with a route distinguisher in the PE1 VRF that dynamically imports the route from the internet.
- B. CE1 and CE2 must be configured to use a static default route with a next-hop of PE3 to reach internet routes.
- C. PE2 must be configured to serve as a route reflector for PE3 routes learned from the internet. PE2 then shares the routes with CE1 and CE2.

D. PE1 must be configured with an import route target in the CE1 VRF that matches the export route target for the internet VRF on PE3.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 149

Which two tasks must an engineer perform when implementing LDP NSF on the network?
(Choose two.)

- A. Disable Cisco Express Forwarding.
- B. Enable NSF for EIGRP.
- C. Enable NSF for the link-state routing protocol that is in use on the network.
- D. Implement direct connections for LDP peers.
- E. Enable NSF for BGP.

Answer: ([SHOW ANSWER](#))

LDP NSF works with LDP sessions between directly connected peers and with peers that are not directly connected (targeted sessions).

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/mp_ha/configuration/15-sy/mp-ha-15-sy-book/mp-ldp-grace-nsfsso.html

NEW QUESTION: 150

Refer to the exhibit:

Which three outcomes occur if the prefix list is added to the neighbor? (Choose three)

- A. 192.168 0.0/17 is denied.
- B. 192.168.0.0/16 is denied
- C. 192.168 0.0/17 is permitted
- D. 192.168 0.0/19 is permitted
- E. 192.168 0.0/16 is permitted
- F. 192.168 0.0/19 is denied.

Answer: B,C,D ([LEAVE A REPLY](#))

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