350-501^{Q&As}

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Implementing and Operating Cisco Service Provider Network Core
Technologies (SPCOR)

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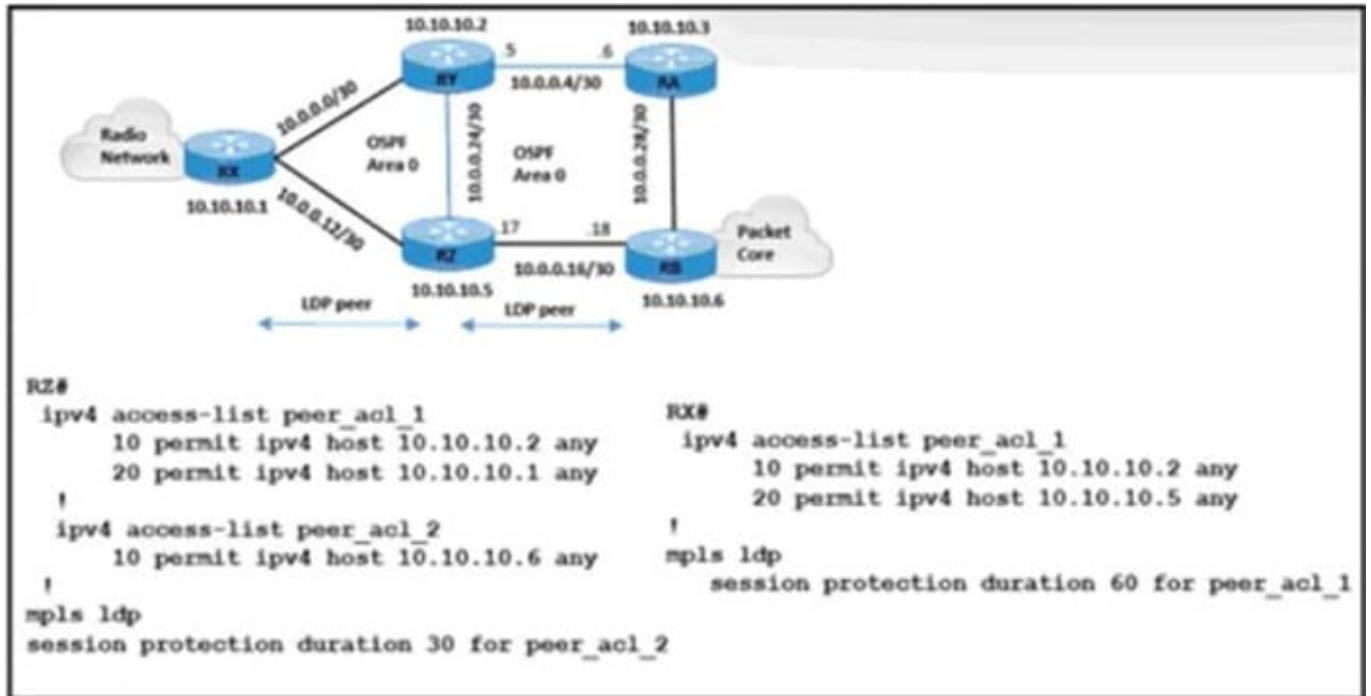**Instant Download** After Purchase

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QUESTION 1

Refer to the exhibit.

The radio network and packet core are using the route RX-RZ-RB to establish communication. The LDP session between 10.10.10.5 and 10.10.10.1 is experiencing link flapping at random intervals for 30-45 seconds each time. A network engineer must protect the LDP session and improve MPLS traffic convergence. Which action meets these requirements?

A. Configure peer_acl_2 on RX and allow IP address 10.10.10.6 in LDP.

B. Attach peer_acl_1 in for session protection duration 1 on RX.

C. Add session protection duration 60 for peer_acl_1 under the MPLS LDP instance on RZ.

D. Enable IGP-LDP sync on RZ and RX.

Correct Answer: C

QUESTION 2

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. l2 vfl ciscotest manual vpn id 100 neighbor 192.168.2.2 encapsulation mpls neighbor 192.168.3.3 encapsulation mpls

B. interface GigEthernet 1/1 switchport mode trunk switchport trunk encap dot1q switchport trunk allow vlan 2-10

C. interface Vlan 5 xconnect vfl ciscotest

D. interface Vlan 100 xconnect vfi ciscotest ip address 192.168.1.1 255.255.255

Correct Answer: A

Provisioning a Virtual Private LAN Services (VPLS) link involves provisioning the associated attachment circuit and a virtual forwarding instance (VFI) on a provider edge (PE) device. https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/mp_l2_vpns/configuration/xe-3s/mp-l2-vpns-xe-3s-book/mp-vpls.html
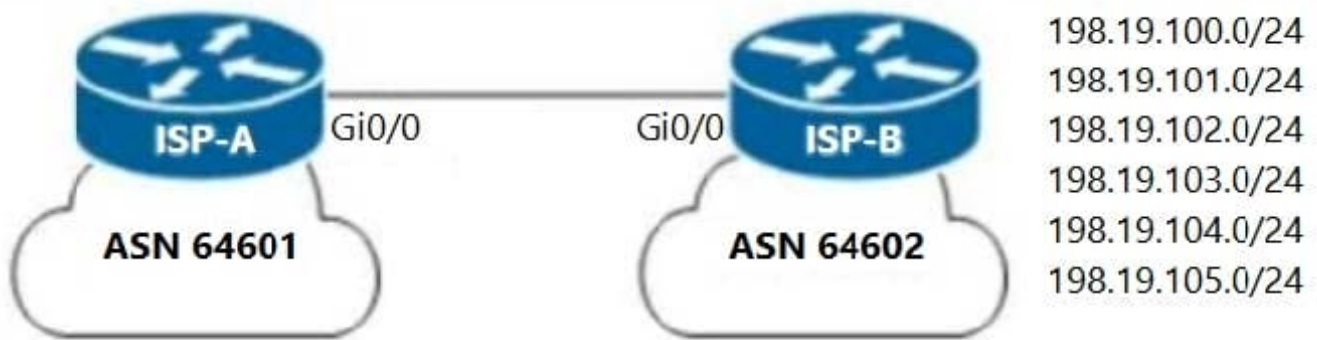
QUESTION 3

Which protocol provides fast link failure detection for all type of encapsulation?

A. Prefix Independent Convergence

B. Carrier delay

C. Non stop forwarding

D. Bidirectional forwarding detection

Correct Answer: D

QUESTION 4

Refer to the exhibit.

```
ISP-B#show run | s router bgp
router bgp 64602
 bgp log-neighbor-changes
 neighbor 172.20.1.1 remote-as 64601
 !
 address-family ipv4
  redistribute static
  neighbor 172.20.1.1 activate
  neighbor 172.20.1.1 send-community
  neighbor 172.20.1.1 route-map ASN-64601-OUT out
 exit-address-family
```

198.19.100.0/24
198.19.101.0/24
198.19.102.0/24
198.19.103.0/24
198.19.104.0/24
198.19.105.0/24

A network engineer at ISP-B must advertise 198.19.100.0/24 – 198.19.105.0/24 prefixes to ISP-A with these requirements:

1.

Prefixes 198.19.100.0/24 – 198.19.102.0/24 must have the community set to 64602:10.

2.

Prefixes 198.19.103.0/24 – 198.19.105.0/24 must have the community set to 64602:11.

3.

The AS_PATH for the 198.19.103.0/24 – 198.19.105.0/24 prefixes must appear as "64602 64602" in ASN 64601.

Which configuration must the engineer implement on the ISP-B router to meet the requirements?

A. configure terminalaccess-list 30 deny 198.19.100.0 0.0.0.255access-list 30 deny 198.19.101.0 0.0.0.255access-list 30 deny 198.19.102.0 0.0.0.255! route-map ASN-64601-OUT permit 10

match ip address 30

set as-path prepend 64602 64602

set community 64602:11

route-map ASN-64601-OUT permit 20

set community 64602:10

end

B. configure terminalaccess-list 30 deny 198.19.103.0 0.0.0.255access-list 30 deny 198.19.104.0 0.0.0.255access-list 30 deny 198.19.105.0 0.0.0.255! route-map ASN-64601-OUT deny 10

match ip address 30

set as-path prepend 64602

set community 64602:11

route-map ASN-64601-OUT permit 20

set community 64602:10

end

C. configure terminalaccess-list 30 deny 198.19.100.0 0.0.0.255access-list 30 deny 198.19.101.0 0.0.0.255access-list 30 deny 198.19.102.0 0.0.0.255access-list 30 permit any! route-map ASN-64601-OUT permit 10

match ip address 30

set as-path prepend 64602

set community 64602:11

route-map ASN-64601-OUT permit 20

set community 64602:10

end

D. configure terminalaccess-list 30 deny 198.19.100.0 0.0.0.255access-list 30 deny 198.19.101.0 0.0.0.255access-list 30 deny 198.19.102.0 0.0.0.255access-list 30 permit any! route-map ASN-64601-OUT permit 10

set community 64602:10

!

route-map ASN-64601-OUT permit 20

match ip address 30

set as-path prepend 64602 64602

set community 64602:11

end

Correct Answer: C

QUESTION 5

Refer to the exhibit.

```
R2#sh cins neighbors detail
Tag TEST:
System Id    Interface    SNPA            State  Holdtime       Type  Protocol
R1         Fa0/0       ca01.2178.0008  Up     89              L1L2 IS-IS
 Area Address(es): 49
 Uptime: 00:03:29
 NSF capable
 Interface name: FastEthernet0/0
```

On R1, which output does the show isis neighbors command generate?

A.
```
Tag TEST:
System Id     Type Interface   IP Address      State Holdtime Circuit Id
R2          L1      Fa0/0         UP    7         R2.01
R2          L2      Fa0/0         UP    9         R2.01
```

B.
```
Tag TEST:
System Id     Type Interface   IP Address      State Holdtime Circuit Id
R2          L2      Fa0/0         UP    7         R2.01
R2          L2      Fa0/0         UP    9         R2.01
```

C.
```
Tag TEST:
System Id     Type Interface   IP Address      State Holdtime Circuit Id
R2          L2      Fa0/0         UP    9          R2.01
```

D.
```
Tag TEST:
System Id     Type Interface   IP Address      State Holdtime Circuit Id
R2          L1      Fa0/0         UP    7          R2.01
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A