

Quiz 2026 Cisco 350-501: Unparalleled Book Implementing and Operating Cisco Service Provider Network Core Technologies Free



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Cisco Implementing and Operating Cisco Service Provider Network Core Technologies Sample Questions (Q562-Q567):

NEW QUESTION # 562

Which MPLS design attribute can you use to provide Internet access to a major customer through a separate dedicated VPN?

- A. The Internet gateway inserts the full Internet BGP routing table into the Internet access VPN
- B. The customer that needs the Internet access service is assigned to the same RTs as the Internet gateway
- C. The CE router supports VRF-Ute and the full BGP routing table.
- D. The Internet gateway router is connected as a PE router to the MPLS backbone.

Answer: B

NEW QUESTION # 563

When configuring traffic engineering tunnels in Cisco MPLS core network, you see the traffic is not taking the expected path in the core.

Which command do you use to quickly check path of a TE tunnel?

- A. traceroute <tunnel destination IP>
- B. Traceroute mpls ipv4 -tunnel destination
- C. Ping <tunnel destination IP>
- D. show mpls traffic-engineering tunnels


Answer: D

Explanation:

The command "show mpls traffic-engineering tunnels" is used to quickly check the path of a TE (Traffic Engineering) tunnel in a Cisco MPLS core network. This command provides detailed information about each TE tunnel, including its current operational status, configuration details, and the specific path it is taking through the network. Reference: Implementing and Operating Cisco Service Provider Network Core Technologies source documents or study guide

NEW QUESTION # 564

Refer to the exhibit:



```
R1
router isis
  net 49.0012.1111.1111.1111.00
  is-type level-1
  area-password cisco

R2
router isis
  net 49.0022.1111.1111.1112.00
  is-type level-1-2
  area-password cisco
```

Which effect of this configuration is true?

- A. The two routers fail to form a neighbor relationship because their system IDs are different.
- B. The two routers fail to form a neighbor relationship because they have different ISIS area types.
- **C. The two routers successfully form a neighbor relationship**
- D. The two routers fail to form a neighbor relationship because the authentication configuration is missing

Answer: C

NEW QUESTION # 565

Refer to the exhibit:

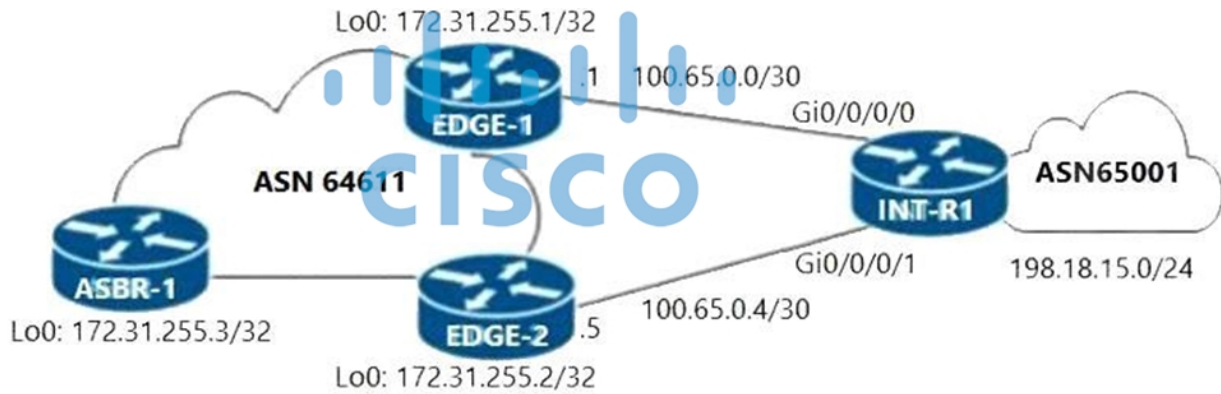
```
https://192.168.1.100/api/mo/uni/tn-ciscotest.xml
```

What is the URL used for with REST API?

- **A. It is used to send a message to the APIC to perform an operation on a managed object or class operator**
- B. It is used to send a TACACS+ authentication request to a server
- C. It is used to contact a URL filter to determine the efficacy of a web address
- D. It is used to initiate an FTP session to save a running configuration of a device.

Answer: A

NEW QUESTION # 566



```
ASBR-1#show bgp ipv4 unicast | begin Network
```

Network	Next Hop	Metric	LocPrf	Weight	Path
*> 198.18.15.0	172.31.255.1	0	100	0	65001 ?
* i	172.31.255.2	0	100	0	65001 ?

```
EDGE-1#show bgp ipv4 un | begin Network
```

Network	Next Hop	Metric	LocPrf	Weight	Path
*> 198.18.15.0/25	100.65.0.2	0		0	65001 ?
*> 198.18.15.0	100.65.0.2	0		0	65001 ?
* i	172.31.255.2	0	100	0	65001 ?

```
EDGE-1#show bgp ipv4 un 198.18.15.0
```

BGP routing table entry for 198.18.15.0/25, version 9

Paths: (1 available, best #1, table default, not advertised to any peer)

Not advertised to any peer

Refresh Epoch 1

65001

100.65.0.2 from 100.65.0.2 (198.18.100.1)

Origin incomplete, metric 0, localpref 100, valid, external, best

Community: 64611:65001 no-advertise

```
RP/0/0/CPU0:INT-R1#show bgp ipv4 unicast | begin Network
```

Network	Next Hop	Metric	LocPrf	Weight	Path
*> 198.18.15.0/24	0.0.0.0	0		32768	?
*> 198.18.15.0/25	0.0.0.0	0		32768	?

Refer to the exhibit. The network engineer who manages ASN 65001 is troubleshooting suboptimal routing to the 198.18.15.0/24 prefix. According to the network requirements:

Routing to IP destinations in the 198.18.15.0/25 block must be preferred via the EDGE-1 PE.

Routing to IP destinations in the 198.18.15.128/25 block must be preferred via the EDGE-2 PE.

More specific prefixes of the 198.18.15.0/24 block must not be advertised beyond the boundaries of ASN 64611.

Routing to 198.18.15.0/24 must be redundant in case one of the uplinks on INT-R1 fails.

Which configuration must the network engineer implement on INT-R1 to correct the suboptimal routing and fix the issue?

- A. configure terminal
 route-policy ASN65001-SPECIFIC-OUT
 if destination in (198.18.15.0/25) then
 set community (internal, peeras:65001)
 done
 endif
 if destination in (198.18.15.0/24) then
 done
 endif
 drop
 end-policy

```
!  
router bgp 65001  
neighbor 100.65.0.1  
address-family ipv4 unicast  
route-policy ASN65001-SPECIFIC-OUT out  
end
```

- B. configure terminal

```
route-policy ASN65001-SPECIFIC-OUT  
if destination in (198.18.15.0/25) then  
set community (no-export, peeras:65001)  
done  
endif  
if destination in (198.18.15.128/25) then  
prepend as-path 65001 3  
done  
endif  
drop  
end-policy  
!  
router bgp 65001  
neighbor 100.65.0.1  
address-family ipv4 unicast  
route-policy ASN65001-SPECIFIC-OUT in  
end
```
- C. configure terminal

```
route-policy ASN65001-SPECIFIC-OUT  
if destination in (198.18.15.0/25) then  
set community (no-advertise, peeras:65001)  
done  
endif  
if destination in (198.18.15.128/25) then  
prepend as-path 65001 3  
done  
endif  
drop  
end-policy  
!  
router bgp 65001  
neighbor 100.65.0.1  
address-family ipv4 unicast  
route-policy ASN65001-SPECIFIC-OUT out  
end
```
- D. configure terminal

```
route-policy ASN65001-SPECIFIC-OUT  
if destination in (198.18.15.0/25) then  
set community (no-export, peeras:65001)  
done  
endif  
if destination in (198.18.15.0/24) then  
prepend as-path 65001 3  
done  
endif  
drop  
end-policy  
!  
router bgp 65001  
neighbor 100.65.0.1  
address-family ipv4 unicast  
route-policy ASN65001-SPECIFIC-OUT out  
end
```

