

Vendor: Cisco

Exam Code: 640-878

Exam Name: Building Cisco Service Provider Next-Generation Networks, Part 2 (SPNGN2)

Version: DEMO

QUESTION 1
Refer to the exhibit. A new customer is not receiving routes from the Provider Edge router. What command needs to be added to advertise routes?

```
PE Configuration
vrf Customer10
  rd 100:301
  address-family ipv4 unicast

  !
  neighbor 209.165.201.22
   remote-as 65101
   address-family ipv4 unicast
    as-override
```

A. route-policy (route group) in
B. route-policy (route group) out
C. route-map (route group) in
D. prefix-list (prefix-list) in
E. prefix-list (prefix-list) out

Answer: B

QUESTION 2
Refer to the exhibit. A network engineer configured BGP PE to CE neighbor sessions with the commands shown. What does 'address-family ipv4 vrf vrf-cisco' from the configuration allow?

```
Router# configure terminal
Router(config)# router bgp 100
Router(config-router)# network
209.165.200.224 mask 255.255.255.224
Router(config-router)# address-family ipv4
vrf vrf-cisco
Router(config-router-af)# neighbor
10.10.10.10 remote-as 10
Router(config-router-af)# neighbor
10.10.10.10 activate
Router(config-router-af)# end
Router# copy running-config startup-config
```

A. activates the advertisement of the IPv4 address family
B. defines customer's routing context
C. specifies a network and mask to announce in VRF-Cisco
D. redistribute VRF-Cisco

Answer: B

QUESTION 3
Which three are examples of a link-state routing protocols and static routing? (Choose three.)

A. EIGRP
B. RIP
C. OSPF
D. IS-IS
E. IP default-gateway
F. ODR
G. Proxy Arp

Answer: CDE

QUESTION 4
What are two legitimate IPv4 to IPv6 migration technologies? (Choose two.)

A. Lift and shift
B. Dual stack backbones
C. In IPv4 / Out IPv6
D. IPv6 over IPv4 tunneling
E. IPv6 phasing

Answer: BD

QUESTION 5
A customer has installed a second router and copied the configuration from the first router, as shown below. What change is needed to ensure that router 1 is the primary IP address?

```
Router 1
standby 1 priority 110
standby 1 preempt

Router 2
standby 1 priority 120
standby 1 preempt
```

A. decrease the priority on router 2 to 109
B. decrease the priority on router 1 to 109
C. remove standby 1 preempt from router 1
D. increase the priority on router 2 to 130
E. increase the priority on router 1 to 119

Answer: A

QUESTION 6
Which configuration error within an AS can cause a Cisco IOS XR router to not announce certain prefixes to its EBGP peers?

A. Some prefixes were mistagged with the no-export BGP community.
B. Some prefixes were set with a MED of 0.
C. The outbound BGP route policy has only set actions that are defined without any pass actions that are defined.
D. The inbound BGP route policy has only set actions that are defined without any pass actions that are defined.

Answer: A

QUESTION 7
Refer to the configuration snippet below. A network engineer has been tasked with implementing a security policy that prevents subnet 209.165.202.128/27 from accessing web server 209.165.200.224. All users are now unable to access the web server. What command is missing from the access list configuration?

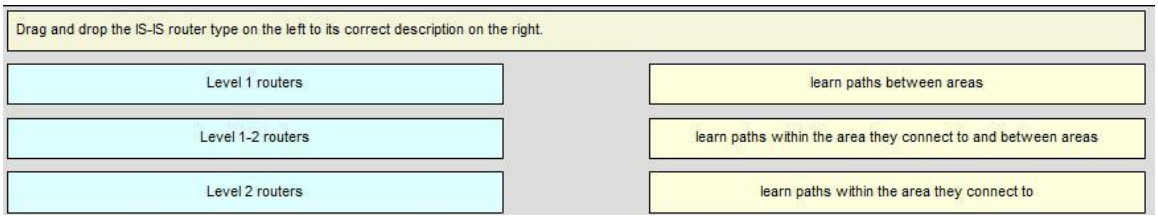
Configuration:

```
switch(config)#access-list 1 deny 209.165.202.128 0.0.0.31
209.165.200.224
switch(config)#interface FastEthernet 0/0
switch(config-if)# ip access-group 1 in
```

A. switch(config-if)#ip access-group 1 out
B. switch(config)#ip access-list 2 permit any any
C. switch#ip access-list 2 permit any any
D. switch(config)#ip access-list 1 permit any any

Answer: D

QUESTION 8
Drag and Drop Question
Drag and Drop the IS-IS router type on the left to its correct description on the right.



Answer:



QUESTION 9
Which procedure is used as the last resort disaster recovery procedure to completely replace the currently installed IOS XR software on Cisco IOS XR routers?

A. netboot
B. turboboot
C. install recovery
D. install rollback
E. install add and install activate

Answer: B

QUESTION 10
Which three Cisco platforms are classified as core routers? (Choose three.)

A. Cisco XR 12000
B. Cisco ME 3400
C. Cisco ASR 1006
D. Cisco CRS-3
E. Cisco ASR 9010
F. Cisco 3900

Answer: ADE

QUESTION 11
Which statement about Cisco IOS XE software is true?

A. It uses a two-stage configuration process.
B. It is identical in look and feel to Cisco IOS software.
C. It runs on the Cisco ASR 9010 platform.
D. Packages can be added using the install add and install activate commands.
E. It runs on the Cisco ME 3400 platform.

Answer: B

QUESTION 12
Which IP addresses are matched by the permit 192.168.80.64 0.0.0.15 access-list entry?

A. 192.168.80.64 to 192.168.80.255
B. 192.168.80.64 to 192.168.80.96

C. 192.168.80.64 to 192.168.80.95
D. 192.168.80.64 to 192.168.80.80
E. 192.168.80.64 to 192.168.80.79

Answer: E

QUESTION 13
Which two statements about NAT444 are true? (Choose two.)

A. NAT444 packets are translated three times.
B. NAT packets traverse three IPv4 addressing domains.
C. NAT444 needs to work together with DNS64.
D. There are two types of NAT444 (stateful or stateless).
E. NAT is performed by the CPE and also by the service provider router.

Answer: BE

QUESTION 14
Which two statements about NAT64 are true? (Choose two.)

A. NAT64 packets traverse two IPv4 addressing domains.
B. NAT64 packets are translated two times.
C. There are two types of NAT64 (stateful or stateless).
D. NAT is performed by the CPE and also by the service provider edge router.
E. The DNS64 server embeds the IPv4 address from the DNS A record with a preconfigured IPv6 translation prefix.

Answer: CE

QUESTION 15
Which IOS Software solution is used for transporting RFC 1918 networks via IPSec + GRE VPNs over the internet?

A. Dynamic Multipoint VPN
B. Group Encrypted Transport VPN
C. IPS
D. URL Filtering

Answer: A

Thank You for Trying Our Product

Lead2pass Certification Exam Features:



★ More than 99,900 Satisfied Customers Worldwide.

★ Average 99.9% Success Rate.

★ Free Update to match latest and real exam scenarios.

★ Instant Download Access! No Setup required.



★ Questions & Answers are downloadable in PDF format and VCE test engine format.

★ Multi-Platform capabilities - Windows, Laptop, Mac, Android, iPhone, iPod, iPad.

★ 100% Guaranteed Success or 100% Money Back Guarantee.

★ Fast, helpful support 24x7.

View list of all certification exams: http://www.lead2pass.com/all-products.html

10% Discount Coupon Code: **ASTR14**