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QUESTION 1

Which number range is allocated to private Autonomous Systems by the Internet Assigned Numbers Authority?

A. 65535 to 65545

B. 64535 to 64536

C. 64512 to 65535

D. 65535 to 66001

E. 63512 to 64535

Correct Answer: C

QUESTION 2

Refer to the partial configurations exhibit.


```
! ME3400
!
ip routing
!
vlan 10
vlan 20
interface Fa0/1
switchport access vlan 10
interface Гa0/2
switchport access vlan 20
!
```

What additional configurations are required to enable inter-VLAN routing for VLANs 10 and 20 on the Cisco ME 3400 switch using the metro IP access image?

A. interface Fa0/1 ip address 192.168.10.1 255.255.255.0 ! interface Fa0/2 ip address 192.168.20.1 255.255.255.0 !

B. interface Fa0/1 ip address 192.168.10.1 255.255.255.0 ! interface Fa0/2 ip address 192.168.20.1 255.255.255.0 ! router eigrp 1 network 192.168.10.0 network 192.168.20.0 !

C. interface vlan 10 ip address 192.168.10.1 255.255.255.0 ! interface vlan 20 ip address 192.168.20.1 255.255.255.0 !

D. interface Fa0/1 encapsulation dot1q 10 ip address 192.168.10.1 255.255.255.0 ! interface Fa0/2 encapsulation dot1q 20 ip address 192.168.20.1 255.255.255.0 !

Correct Answer: C

QUESTION 3

On Cisco IOS-XR, which command is used to review previous configuration events committed on the router?

A. show configuration history

B. show configuration commit changes

C. show configuration commit list

D. show configuration commit failed

Correct Answer: C

QUESTION 4

Refer to the partial Cisco IOS-XR configuration. What is the purpose of the for PFX to PEER command?

! mpls ldp label advertise disable for PFX to PEER ! !

A. To selectively enable LDP peering(s) with specific neighbors

B. To selectively disable LDP peering(s) with specific neighbors

C. To perform outbound filtering for local label advertisement for one or more prefixes to one or more peers

D. To perform inbound filtering for local label advertisement for one or more prefixes from one or more peers

Correct Answer: C

QUESTION 5

Within an MPLS domain, which table is used by the label switch routers to make forwarding decisions when a labeled packet is received?

A. FIB

B. RIB

C. LFIB

D. LIB

E. CEF

Correct Answer: C

http://www.cisco.com/en/US/docs/ios-xml/ios/mp_ldp/configuration/12-4m/mp-ldp-12-4m- book.pdf

QUESTION 6

Refer to the exhibit.

```
Router A
RouterA#config t
RouterA(config)#router isis
RouterA(config-router)#net 49.0001.0000.0000.000a.00
RouterA(config-router)#exit
RouterA(config)interface fastethernet 0/0
RouterA(config-if)

Router B
RouterB#config t
RouterB(config)#router isis
RouterB(config-router)#net 49.0001.0000.0000.000b.00
RouterB(config-router)#exit
RouterB(config)interface fastethernet 1/0
RouterB(config-if)
```

A network engineer implemented these configurations. However, Intermediate System-to- Intermediate System (IS-IS) neighbors are unable to establish. What is the reason for this error?

A. missing router IS-IS x command

B. missing IP router IS-IS command

C. missing network mask

D. missing network statement

E. missing MTU matching value

Correct Answer: B

QUESTION 7

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

Correct Answer: A

QUESTION 8

When is a route-policy configuration needed on a Cisco IOS XR router using RPL?

A. when enabling an IGP routing protocol configuration

B. when enabling an EBGP peering configuration

C. when enabling an IBGP peering configuration

D. when enabling route redistribution

E. when enabling an LDP peering configuration

Correct Answer: B

http://www.cisco.com/en/US/docs/ios_xr_sw/iosxr_r3.7/routing/configuration/guide/rc37rpl.pdf

QUESTION 9

What do both Carrier Grade NAT and NAT64 have in common?

A. both are only used in carrier networks

B. both are used for tunneling IPv6 in an IPv4 network

C. both require the use IPv6

D. both are methods for avoiding IPv4 address exhaustion

Correct Answer: D

QUESTION 10

A service provider needs to implement a managed CE device that supports Cisco IOS ISSU, and the current CE support staff is highly trained in Cisco IOS only. Which Cisco router platform should the service provider implement as the managed CE device?

A. Cisco ASR1K

B. Cisco ISR-G2

C. Cisco ASR9K

D. Cisco 12000 GSR

E. Cisco 7200

F. Cisco 7600

Correct Answer: A

Table 1. Access Router MPLS Positioning

| | Service-Provider-Managed MPLS Network | | | Self-Deployed MPLS Network | | | |
	Customer Edge	Multi-VRF Customer Edge	CSC Customer Edge	Customer Edge	Multi-VRF Customer Edge	LER	LSR
Cisco 3900 Series ISRs	YES	Yes	Yes	YES	Yes	Yes	YES
Cisco 3800 Series ISRs	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cisco 2900 Series ISRs	YES	Yes	Yes	YES	Yes	Yes	YES
Cisco 2800 Series ISRs	YES	Yes	Yes	YES	Yes	Yes	YES
Cisco 1900 Series ISRs	Yes	Yes	Yes	Yes	Yes	Yes	Yes
Cisco 1841 ISR	YES	Yes	Yes	YES	Yes	Yes	YES
Cisco 1800	Yes	Yes	Yes	Yes	Yes	Yes	Yes

QUESTION 11

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.

Correct Answer: A

QUESTION 12

What package provides the software for the route processor in the IOS XE Software?

A. RPIOS

B. ESPBase

C. RPControl

D. RPBase

E. SIP SPA

Correct Answer: D

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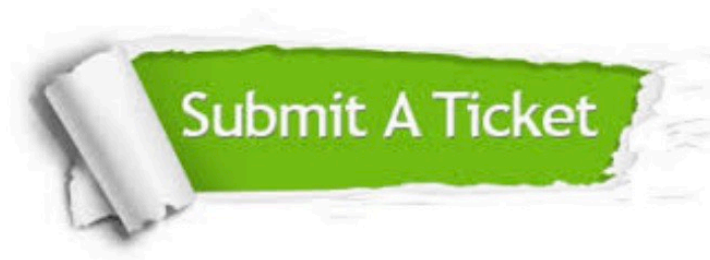
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