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QUESTION 1

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
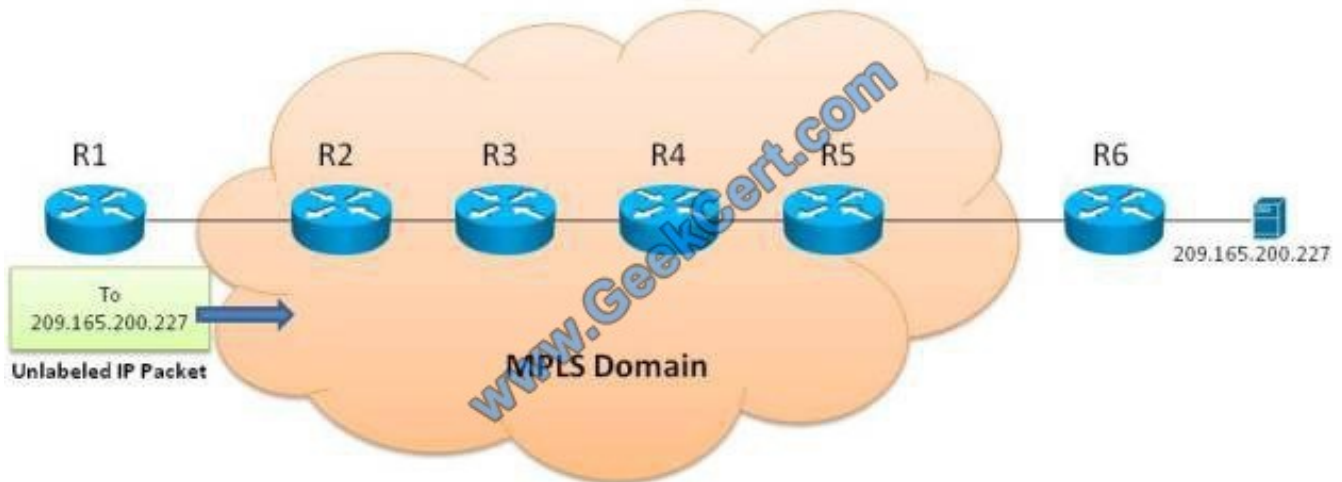
QUESTION 2

On Cisco routers, the address-family configuration command in BGP configuration mode is used to enable which BGP feature?

A. BGP route policy

B. multiprotocol BGP

C. BGP policy accounting

D. BGP communities

Correct Answer: B

QUESTION 3

Topology Diagram:

Select and Place:

Refer to the topology diagram that shows a packet flowing from R1 to R6, using PHP operations within the MPLS domain.

Drag and drop the router on the left to its correct description on the right.

R2	performs a label pop operation
R3	sends out an unlabeled IP packet
R4	imposes a label to the incoming unlabeled IP packets
R5	performs a label swapping operation

Correct Answer:

Refer to the topology diagram that shows a packet flowing from R1 to R6, using PHP operations within the MPLS domain.

Drag and drop the router on the left to its correct description on the right.

	R4
	R5
	R2
	R3

QUESTION 4

Refer to the Cisco IOS XR configuration exhibit.

```
!
router isis 1
net 49.0001.0100.0200.1001.00
address-family ipv4 unicast
metric-style wide
address-family ipv6 unicast
metric-style wide
!
```

Which statement about the configuration is true?

A. This is a Level-2-only router.

B. This is a Level-1-only router.

C. The maximum IS-IS path metric is 63.

D. This router belongs to area ID 0001.

E. This configuration is missing the net configuration for the IPv6 unicast address family.

Correct Answer: D

http://www.cisco.com/en/US/tech/tk365/technologies_white_paper09186a00800a3e6f.shtml#wp 39875

Three NSAP Formats
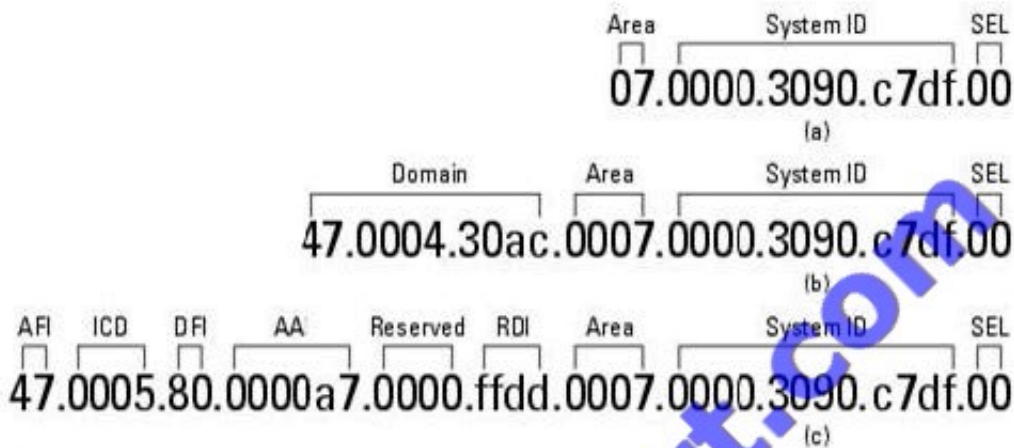
AFI: Authority and Format Identifier
ICD: International Code Designator
DFI: Domain Specific Part (DSP) Format Identifier
AAI: Administrative Authority Identifier
RDI: Routing Domain Identifier (Autonomous System Number)
SEL: Network Service Access Point (NSAP) Selector

If an official prefix is not required, you can use AFI 49, which denotes private address space, like IP address space for private Internets as defined in RFC 1918.

The AFI has a binary value between 0 and 99; this value specifies the IDI format and the DSP syntax. The DSP is in binary format, and the IDP is in decimal. ISO recognizes seven top-level network addressing authorities; each authority has its own addressing format represented by the IDI format field.

Cisco technology supports all NSAP formats that are defined by ISO 8348/Ad2.

It is possible to configure multiple NETs on a router, but no router is ever in more than one area. Configuring multiple NETs causes the areas to merge into a common area, leaking the Level 1 databases into each The only reasons to have multiple NETs are for splitting, merging, or renumbering areas; this method s only be used in periods of transition. Cisco Systems limits the number of configurable NETs to three pe

QUESTION 5

Which command configures a switchport to connect only a host device in VLAN 301?

A. switchport access vlan 301

B. switchport mode trunk vlan 301

C. switchport mode access vlan 301

D. switchport vlan 301

Correct Answer: A

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