



# 644-906<sup>Q&As</sup>

Implementing and Maintaining Cisco Technologies Using IOS XR

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**QUESTION 1**



**Instructions**

Enter the proper CLI commands and analysis the outputs on the PE5 Cisco router to answer the **three** multiple-choice questions.

From the network topology diagram, click on the PE5 router icon to gain access to the console of the router.

No console or enable passwords are required.

There are three multiple-choice questions with this task. Be sure to answer all three questions before selecting the Next button.

Not all the CLI commands or commands options are supported or required for this simulation. If a certain command or command option is not supported, please try to use a different command or command option that is supported.

For example, the show running-config command is **NOT** supported in this simulation.

All the devices in this simulation have been pre-configured and you are not required to enter in any configurations.

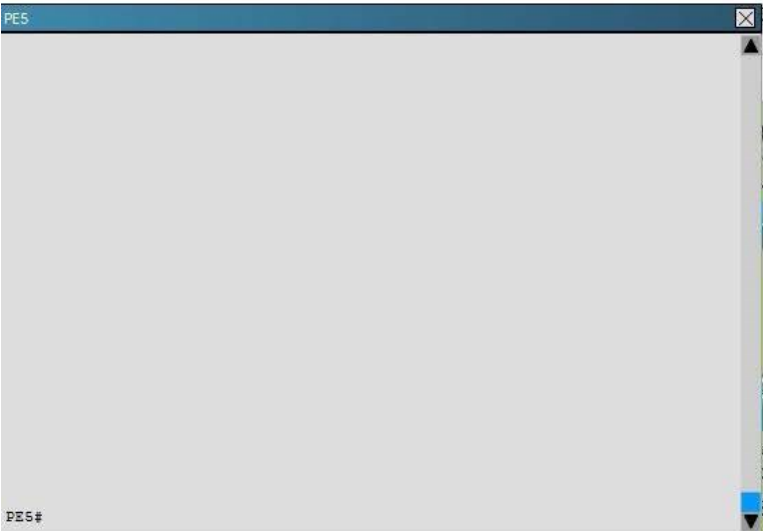
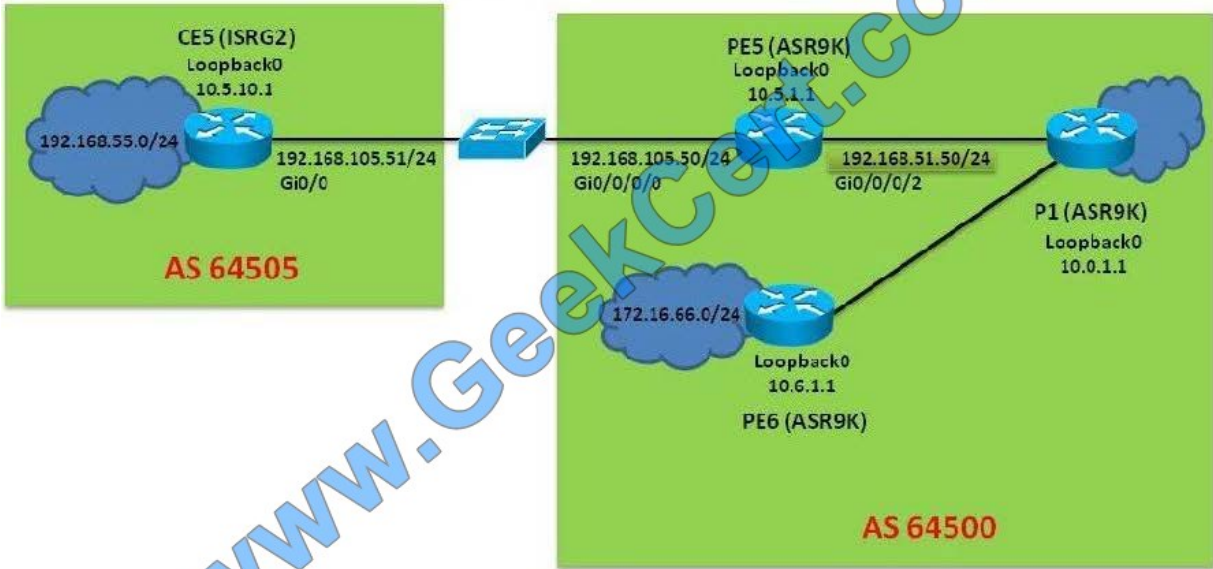
**Scenario**

Referring to the network topology diagram shown in the exhibit, use the proper CLI commands on the PE5 router and interpret the supported CLI commands outputs to answer the **three** multiple choice questions.

Note: The PE5 router is a Cisco ASR9K router

**Topology**

In this simulation, you only have access to the PE5 router console  
Click on the PE5 router icon to access the console





Hot Area:

Questions

1 On the PE5 router, which two statements are correct regarding the configured BGP process? (Choose two)

2

3

- PE5 has two active BGP neighbors under the IPv4 unicast address family
- PE5 has two active BGP neighbors under the VPNv4 unicast address family
- PE5 BGP router identifier is 10.5.1.1
- BGP route dampening is disabled on PE5
- The AS-Path to reach the 209.165.202.128/127 prefix is 64497 64493

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Correct Answer:

Questions

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## QUESTION 2

How many stages of switching are there on a Cisco ASR 9000 Series Router switch fabric?

- A. one
- B. three



C. four

D. eight

Correct Answer: A

**QUESTION 3**

Refer to the exhibit.

Location	Card Type	HW Version	Type	Subtype	Inst	Current SW Version	Upg/Dng?
0/RP0/CPU0	Route Processor	0.4	lc	rommonA	0	2.01*	No
			lc	rommon	0	2.01	Yes
0/SM0/SP	140G-S1S2S3-2	0.1	lc	rommonA	0	2.01	Yes
			lc	rommon	0	2.03	Yes
			lc	fpga1	0	3.05	
			lc	fpga2	0	4.01	

If you have ROMMONs and FPDs with the Upg/Dng field marked "Yes" and you ran the upgrade hw- module fpd all location all command, what did you upgrade?

- A. upgraded only the FPD for the cards that the Upg/Dng field marked "Yes"
- B. upgraded all of the FPDs on all cards with an FPD regardless of the Upg/Dng field markings
- C. upgraded only the FPD and ROMMON for the cards that the Upg/Dng field marked "Yes"
- D. upgraded all of the FPDs and ROMMONs on all cards with an FPD or ROMMON regardless of the Upg/Dng field markings

Correct Answer: C

**QUESTION 4**

How would you configure IS-IS process TEST to support MPLS Traffic Engineering extensions on level 1 and 2 that are intending to run a tunnel across TenGigE 0/0/0/0?

- A. mpls ldp traffic-eng level-1-2mpls traffic-eng router-id 1.1.1.1 router isis TESTinterface Ten 0/0/0/0address-family ipv4 unicast
- B. router isis TESTnet 49.0001.0001.0001.0001.00address-family ipv4 unicastmetric-style widempls traffic-eng router-id 1.1.1.1mpls traffic-eng level-1-2 interface Ten 0/0/0/0address-family ipv4 unicast
- C. router isis TESTnet 49.0001.0001.0001.0001.00address-family ipv4 unimetric-style wideinterface Ten 0/0/0/0 address-family ipv4 unicastmpls traffic-eng router-id 1.1.1.1mpls traffic-eng level-1-2
- D. mpls ldrouter isis TESTinterface Ten 0/0/0/0address-family ipv4 unicastmpls traffic-eng level-1- 2mpls traffic-eng



router-id 1.1.1.1

Correct Answer: B

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#### QUESTION 5

What are the two prerequisites for enabling multicast-only fast reroute (MoFRR) in a network? (Choose two.)

- A. There must be an Equal-Cost Multipath (ECMP) topology.
- B. IP multicast traffic must use the group address 232.0.0.0/8.
- C. PIM-SSM needs to be configured.
- D. There must be a valid reverse path back to the multicast source.

Correct Answer: AD

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