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Vendor:Cisco

Exam Code:644-906

Exam Name:Implementing and Maintaining Cisco
Technologies Using IOS XR

Version:Demo

QUESTION 1

In Cisco IOS XR Software, Label Distribution Protocol (LDP) would be configured on POS 0/0/0/0 using which commands?

- A. interface pos 0/0/0/0mpls ip
- B. mpls ldpinterface pos 0/0/0/0
- C. router ospfinterface pos 0/0/0/0address family ipv4 unimpls ip
- D. mpls ldpaddress-family ipv4 unicastinterface pos 0/0/0/0mpls ip

Correct Answer: B

QUESTION 2

In order to determine the hardware and firmware revision of a linecard, what is the correct command that should be invoked?

- A. RP/0/RP0/CPU0:CRS-MC#show version
- B. RP/0/RP0/CPU0:CRS-MC#show platform
- C. RP/0/RP0/CPU0:CRS-MC(admin)#show platform
- D. RP/0/RP0/CPU0:CRS-MC#show diagnostic summary
- E. RP/0/RP0/CPU0:CRS-MC(admin)#show diag details

Correct Answer: E

QUESTION 3

Which four list the mandatory steps in order to implement SSH v1 access on Cisco IOS XR Software? (Choose four.)

- A. install and activate services PIE
- B. install and activate security PIE
- C. reload system after installing required PIE
- D. generate SSH cryptography key
- E. configure hostname and domain name
- F. configure ssh-server in owner SDR
- G. configure AAA services on the router
- H. configure TACACS server on the router

Correct Answer: BDEF

QUESTION 4

On a Cisco CRS, which statement is correct about what happens to the MSC if the associated PLIM is absent?

- A. The MSC boots up, but all egress packets from the switch fabric to this MSC will be dropped.
- B. The other PLIM in a different slot can utilize this MSC.
- C. The state of the MSC from the output of the command show platform would show as IOS XR RUN.
- D. The MSC does not boot up.

Correct Answer: D

QUESTION 5

Which two of the following statements regarding task-based authorization are true? (Choose two.)

- A. The user group concept in Cisco IOS XR Software relates to a group of users with common characteristics.
- B. All of the user groups are precreated by default.
- C. In addition to the predefined task groups, Cisco IOS XR Software provides the ability to custom create task groups consisting of individual tasks.
- D. User groups and task groups cannot inherit from other user groups and task groups.

Correct Answer: AC

QUESTION 6

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.

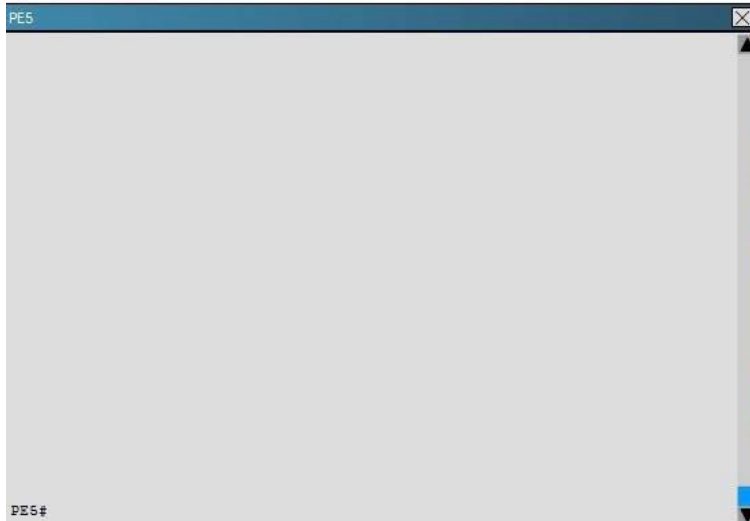
Scenario

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:

1 Which two statements regarding the BGP operations on PE5 are correct? (Choose two)

2 PE5 will set the local preference to 200 on all the prefixes sent to CE5

3 PE5 will set the local preference to 200 on all the prefixes learned from CE5

PE5 is using the IS-IS route to reach the BGP next-hop for the 172.16.66.0/24 prefix

The BGP session between PE5 and CE5 is established using the loopback interface

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Correct Answer:

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QUESTION 7

Refer to the show environmental power-supply command output exhibit. How much power is the system currently using?

- A. 663 W
- B. 1150 W
- C. 1850 W
- D. 6000 W

Correct Answer: A

QUESTION 8

Which two of the following are correct commands to activate the PIE file ? (Choose two.)

- A. install add tftp://172.20.165.36/hfr-mgbl-p.pie-4.0.1 activate
- B. install activate tftp://172.20.165.36/hfr-mgbl-p.pie-4.0.1
- C. install add disk0:hfr-mgbl-p-4.0.1 activate
- D. install activate disk0:hfr-mgbl-p.pie-4.0.1

Correct Answer: AD

QUESTION 9

What is the maximum long-term normal operating temperature of the Cisco CRS-1, ASR 9000 Series Routers, and XR 12000 Series Routers?

- A. 40C (104F)
- B. 50C (122F)
- C. 55C (131F)
- D. 65C (149F)

Correct Answer: A

QUESTION 10

Which statement is false?

- A. The NTP stratum describes how many hops away that a system is from an authoritative time source.
- B. A Cisco IOS XR device can be directly connected to an atomic clock and provide a stratum 1 service.
- C. A Cisco IOS XR device can be configured as a stratum 1 master clock source.
- D. UTC is a global time scale that is distributed by atomic clocks over the Internet, over specialist long- wave radio transmissions, or with the Global Positioning System (GPS) network.

Correct Answer: B

QUESTION 11

Which Cisco IOS XR command would you use to view the actual traffic statistics of packets that are exiting the router in the different configured QoS queues on TenGigE 0/0/0/0 in Cisco IOS XR Software?

- A. show policy-map interface TenGigE 0/0/0/0
- B. show qos interface TenGigE 0/0/0/0 output
- C. show interface TenGigE 0/0/0/0 qos

D. show interface TenGigE 0/0/0/0 policy-map output

E. monitor interface TenGigE 0/0/0/0

Correct Answer: A

QUESTION 12

In which mode can you check the power usage of a chassis?

A. in EXEC mode

B. in admin mode

C. in both EXEC and admin mode

D. in ROMMON mode

E. in environmental mode

Correct Answer: B

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