

Exam Questions 400-201

CCIE SP CCIE Service Provider Written Exam

<https://www.2passeasy.com/dumps/400-201/>



NEW QUESTION 1

- (Topic 1)

A postman script to poll a specific object was working a few minutes ago, but suddenly stopped working. The APIC is still reachable from you clients and seems to function normally. no change was made to script which option describe the most likely cause of this issue?

- A. The authentication token has expired, you need to reauthenticate first
- B. The object data is being returned as JSON instead of XML
- C. The APIC license expired
- D. A man-in-the-middle attack is preventing the script to execute as expected

Answer: C

NEW QUESTION 2

- (Topic 1)



Refer to the exhibit. The ITR map cache is empty. The ITR receives packet destined for 10.2.1.10 and it sends query to the MR. Which action does the MR/MS take after receive the query for 10.2.1.10?

- A. The MR sends a map notify to the requesting ITR with address of 172.17.1.1 as the 10.2.1.0/24
- B. The MR forwards the map request query to the ETR responsible for the EID 10.2.1.0/24
- C. The MR forwards the map notify request to the ETR responsible for the EID 10.2.1.0/24
- D. The MR sends a map reply to the requesting ITR with address of 172.17.1.1 as the for 10.2.1.0/24

Answer: B

NEW QUESTION 3

- (Topic 1)

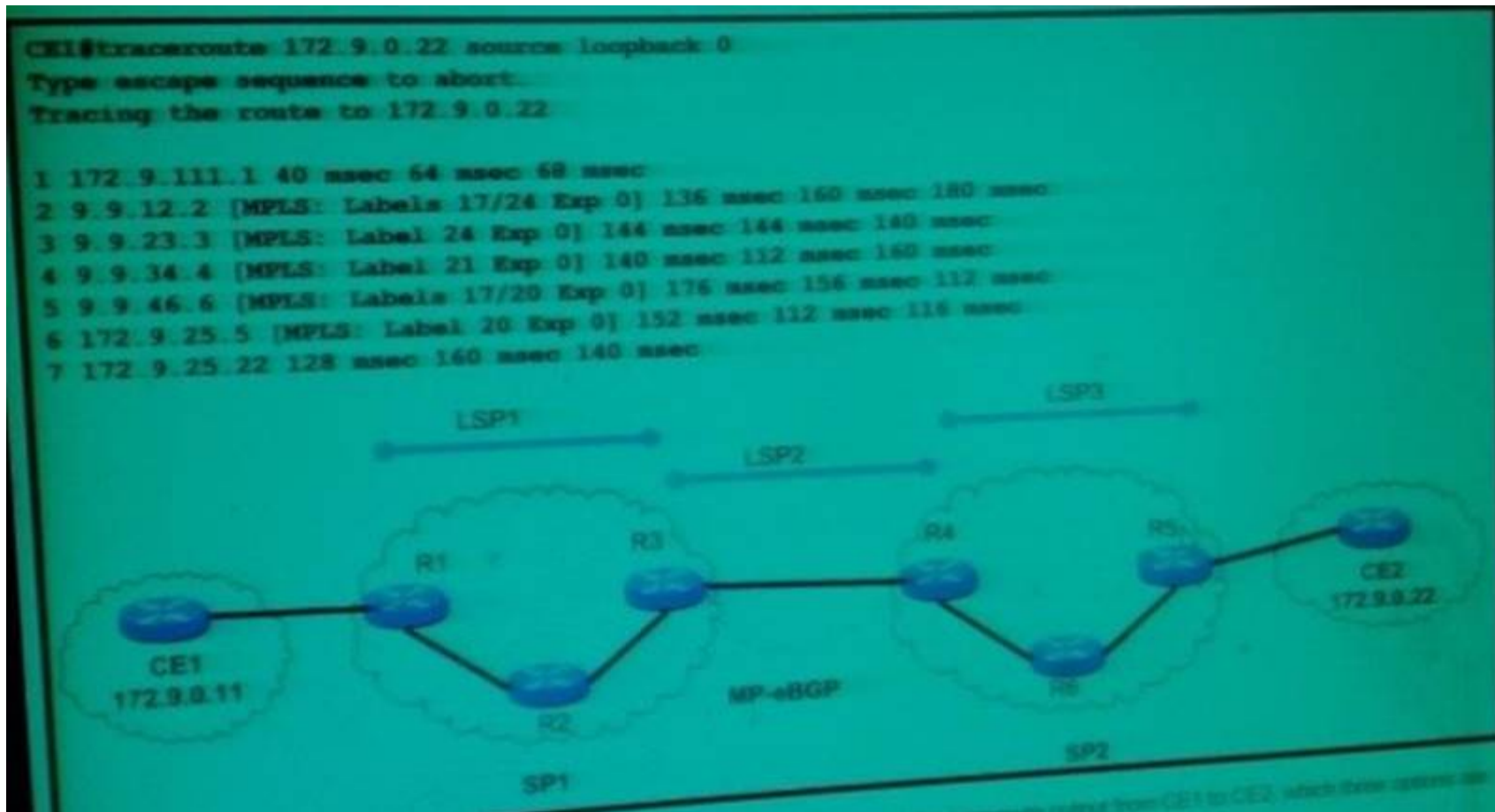
Which technology is a forwarding decision point in a PE router that provides flexibility to make many Layer 2 flow decisions within an interface?

- A. pseudowire
- B. AToM
- C. VPLS
- D. local connect
- E. EFP

Answer: E

NEW QUESTION 4

- (Topic 1)



Refer to the exhibit. The topology is an inter-AS VPN that is using Option B. Given the traceroute output from CE1 to CE2. Which three options are VPN labels? (Choose two)

- A. Label 17 for LSP 1
- B. Label 21 for LSP 1
- C. Label 24 for LSP 1
- D. Label 17 for LSP 2
- E. Label 20 for LSP 2
- F. Label 21 for LSP 2
- G. Label 17 for LSP 3
- H. Label 20 for LSP 3

Answer: BCH

NEW QUESTION 5

- (Topic 2)

Which protocol functions as the transfer protocol between the Cisco Open SDN Controller and forwarding devices?

- A. OSPF or IS-IS
- B. BGP-LS
- C. OpenFlow
- D. PCEP

Answer: C

NEW QUESTION 6

- (Topic 2)

A customer has a requirements record voice calls for IPT connected on switch A using VLAN 200. Record traffic should be forwarded to the IPCC recording server, which is connected on switch B, voice recording is not working. Assuming that RSPAN source monitoring is properly set, which action fixes this problem?

- A. On switch B, the monitor session 1 destination remote<interface_config_to_recording_server> command must be applied
- B. On switch B, the port connects to the recording server must have an IP address and be accessible via VLAN 200
- C. On switch B, the port that connects to the reording server must be accessed on VLAN 200
- D. On switch A and switch B, the remote-span command must be configured on the mirroring dedicated VLAN

Answer: D

NEW QUESTION 7

- (Topic 2)

Which statement about the cisco intercloud fabric is true?

- A. It facilitates encrypted communications between VMs inside of private cloud
- B. It provides a virtual storage space for VMs inside of public cloud
- C. It dynamically establishes adjacencies between Cisco Intercloud Switch VMs
- D. It provides a Layer 2 extension of an enterprise network into the public cloud

Answer: D

NEW QUESTION 8

- (Topic 3)

Which three IS-IS TLVs are used to support MPLS traffic engineering? (Choose three).

- A. extended TLV 22
- B. extended TLV 23
- C. extended TLV 134
- D. extended TLV 135
- E. extended TLV 136
- F. extended TLV 138

Answer: ACD

NEW QUESTION 9

- (Topic 3)

A client has a Layer 2 handoff with a service provider using HSRP. This client has a requirement to optimize the HSRP configuration in it reacts when an indirect failure occurs. Which feature interacts with HSRP to achieve this goal?

- A. IP SLA
- B. MPLS node protection
- C. IP Fast Reroute
- D. Anycast

Answer: AC

NEW QUESTION 10

DRAG DROP - (Topic 3)

Drag each resiliency mechanism on the left to its corresponding technology on the right.

requests peer routers to assist in maintaining neighbor state during switchover	GR
maintains neighbor state during switchover without peer routers' assistance	NSF
synchronizes various applications' states between RPs for faster switchover	NSR
continues forwarding traffic via CEF programming during switchover	SSO

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

requests peer routers to assist in maintaining neighbor state during switchover	requests peer routers to assist in maintaining neighbor state during switchover
maintains neighbor state during switchover without peer routers' assistance	continues forwarding traffic via CEF programming during switchover
synchronizes various applications' states between RPs for faster switchover	maintains neighbor state during switchover without peer routers' assistance
continues forwarding traffic via CEF programming during switchover	synchronizes various applications' states between RPs for faster switchover

NEW QUESTION 11

- (Topic 3)

Which three options are EIGRP route types? (Choose three.)

- A. internal rout
- B. routes that originate within the AS
- C. summary rout
- D. routes that are summarized in the router
- E. external rout
- F. routes that are redistributed to EIGRP
- G. partial rout

- H. partial routes that are summarized in the router
- I. stub rout
- J. default route that originates in the area

Answer: ABC

NEW QUESTION 12

- (Topic 4)
 What does UDLD stand for?

- A. UniDirectional Loop Detection
- B. Unspecified Distribution Label Detection
- C. Unified Distribution Label Direction
- D. UniDirectional Link Detection

Answer: D

NEW QUESTION 13

- (Topic 4)
 A customer is connected to a service provider by a low-speed link and wants to increase the bandwidth of this connectivity without creating additional IP addresses. Multiple physical links with the same bandwidth value are already available between the customer and the service provider. Which technology can be used to achieve these requirements?

- A. HDLC
- B. PPTP
- C. Multilink PPP
- D. Frame Relay

Answer: C

NEW QUESTION 14

- (Topic 4)
 Which three BGP features improve convergence? (Choose three.)

- A. route reflector
- B. BGP cost community
- C. BGP autodiscovery
- D. BGP soft reconfiguration
- E. Fast Peering Session Deactivation
- F. eBGP multihop
- G. BGP PIC
- H. next-hop address tracking

Answer: EGH

NEW QUESTION 15

DRAG DROP - (Topic 4)

A network engineer is configuring L2VPN static point-to-point cross connect on the CRS router. Drag the configuration steps on the left in the correct order on the right.	
Configure point-to-point cross-connect.	Step 1
Select the interface.	Step 2
Commit changes.	Step 3
Enable L2VPN mode.	Step 4
Enable internetworking for IPv4.	Step 5
Configure a cross-connect group.	Step 6
Enable configure mode.	Step 7
Configure the neighbor pw-id command.	Step 8

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

A network engineer is configuring L2VPN static point-to-point cross connect on the CRS router. Drag the configuration steps on the left in the correct order on the right.

Configure point-to-point cross-connect.	Enable configure mode.
Select the interface.	Enable L2VPN mode.
Commit changes.	Configure a cross-connect group.
Enable L2VPN mode.	Configure point-to-point cross-connect.
Enable internetworking for IPv4.	Enable internetworking for IPv4.
Configure a cross-connect group.	Select the interface.
Enable configure mode.	Configure the neighbor pw-id command.
Configure the neighbor pw-id command.	Commit changes.

NEW QUESTION 16

- (Topic 4)

What does the protocol field inside the PPP frame indicate?

- A. the protocol used to determine the authentication method
- B. the protocol used to identify the data in the Information field
- C. the protocol used to carry the PPP frame
- D. the protocol used to decode the FCS field
- E. the protocol used to detect the number of padding bytes

Answer: B

Explanation:

The Protocol field indicates the type of payload packet (e.g. LCP, NCP, IP, IPX, AppleTalk, etc.).

The Information field contains the PPP payload; it has a variable length with a negotiated maximum called the Maximum Transmission Unit. By default, the maximum is 1500 octets. It might be padded on transmission; if the information for a particular protocol can be padded, that protocol must allow information to be distinguished from padding.

NEW QUESTION 17

- (Topic 4)

You have a Cisco 7600 Series Router with two route processors installed and with SSO enabled. Which three conditions must apply? (Choose three.)

- A. The route processors must be running the same version of the Cisco IOS Software.
- B. The route processors must have the same amount of DRAM.
- C. The route processors must be preloaded with configurations.
- D. The route processors must load share responsibilities between them.
- E. The route processors must have the same configuration register values.
- F. A switchover between the two route processors does not result in the reset of any line cards.

Answer: AEF

NEW QUESTION 18

- (Topic 5)

Which of the following descriptions about uRPF loose mode is correct? (Choose two).

- A. It is typically used on point-to-point interfaces where the same interface is used for both directions of packet flows; if the source address has a return route in the FIB table, it is then checked against the adjacency table to ensure the same interface receiving the packet is the same interface used for the return path
- B. If a packet fails the uRPF loose mode check, the packet is then transmitted and creates a log message
- C. It is typically used on multipoint interfaces or on routers where asymmetrical routing is used (packets are received on one interface but the return path is not on the same interface); loose mode verifies a source address by looking in forwarding information base(FIB).
- D. If a packet fails the uRPF loose mode check, the packet is then dropped

Answer: CD

Explanation:

When administrators use Unicast RPF in strict mode, the packet must be received on the interface that the router would use to forward the return packet. Unicast RPF configured in strict mode may drop legitimate traffic that is received on an interface that was not the router's choice for sending return traffic. Dropping this legitimate traffic could occur when asymmetric routing paths are present in the network.

When administrators use Unicast RPF in loose mode, the source address must appear in the routing table.

Administrators can change this behavior using the allow-default option, which allows the use of the default route in the source verification process. Additionally, a packet that contains a source address for which the return route points to the Null 0 interface will be dropped. An access list may also be specified that permits or denies certain source addresses in Unicast RPF loose mode.

Care must be taken to ensure that the appropriate Unicast RPF mode (loose or strict) is configured during the deployment of this feature because it can drop legitimate traffic. Although asymmetric traffic flows may be of concern when deploying this feature, Unicast RPF loose mode is a scalable option for networks that contain asymmetric routing paths.

NEW QUESTION 19

- (Topic 5)

RFC 3270 describes Differentiated Services (Diff-Serv) over Multi-Protocol Label Switching (MPLS) networks.

Which model alters Differentiated Services (Diff-Serv) code points set in different Differentiated Services (Diff-Serv) domain?

- A. None of the above will alter Differentiated Services (Diff-Serv) code points set in different Differentiated Services (Diff-Serv) domain.
- B. Uniform model
- C. Pipe Model
- D. Short Pipe

Answer: B

NEW QUESTION 20

- (Topic 5)

According to RFC 3931, L2TPv3 utilizes the IANA assigned IP protocol ID of:

- A. 110
- B. 101
- C. 121
- D. 51
- E. 151
- F. 115

Answer: F

Explanation:

IP Protocol 115 (L2TPv3)

NEW QUESTION 21

.....

THANKS FOR TRYING THE DEMO OF OUR PRODUCT

Visit Our Site to Purchase the Full Set of Actual 400-201 Exam Questions With Answers.

We Also Provide Practice Exam Software That Simulates Real Exam Environment And Has Many Self-Assessment Features. Order the 400-201 Product From:

<https://www.2passeasy.com/dumps/400-201/>

Money Back Guarantee

400-201 Practice Exam Features:

- * 400-201 Questions and Answers Updated Frequently
- * 400-201 Practice Questions Verified by Expert Senior Certified Staff
- * 400-201 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- * 400-201 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year