



**Free Questions for 350-501 by vceexamstest**

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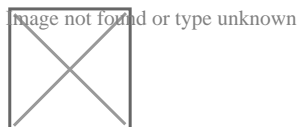
# Question 1

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## Question Type: MultipleChoice

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Refer to the exhibit.



In the service provider network, routers PE1, PE2, and PE4 have access to the internet and provide access to customer networks. Router PE3 is used for access to other customer systems. In accordance with a new SLA, an engineer is updating settings on this network so that router CE1 accesses the internet via PE1 instead of PE2. Which two tasks must the engineer perform to complete the process? (Choose two.)

### Options:

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- A) On PE1, configure the internet VRF with import route target 102:102.
- B) On PE1 and PE4, configure the internet VRF with import route targets 102:102 and 104:104.
- C) On PE2, configure the internet VRF with import route target 102:102.
- D) On PE2 and PE3, configure the internet VRF with import route target 101:101.
- E) On PE2, configure the CE1 VRF with import route target 101:101.

## Answer:

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A, E

## Explanation:

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<https://www.cisco.com/c/en/us/support/docs/mpls-vpns/multiprotocol-label-switching-mpls/23986-mpls-vpns-config-example.html>

[https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/mp\\_l3\\_vpns/configuration/15-mt/mp-l3-vpns-15-mt-book/mp-bgp-mpls-vpns.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/mp_l3_vpns/configuration/15-mt/mp-l3-vpns-15-mt-book/mp-bgp-mpls-vpns.html)

## Question 2

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**Question Type:** MultipleChoice

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Refer to the exhibit.

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A network operator is attempting to configure an IS-IS adjacency between two routers, but the adjacency cannot be established. To troubleshoot the problem, the operator collects this debugging output. Which interface are misconfigured on these routers?

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### Options:

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- A) Option A
- B) Option B
- C) Option C
- D) Option D

### Answer:

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B

## Question 3

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### Question Type: MultipleChoice

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Refer to the exhibit. Router BRDR-1 is configured to receive the 0.0.0.0/0 and 172.17.1.0/24 network via BGP and advertise then into OSPF area 0. An engineer has noticed that the OSPF domain is receiving only the 172.17.1.0/24 route and default router 0.0.0.0/0 is still missing. Which configuration must an engineer apply to resolve this problem?

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**Options:**

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- A) Option A
- B) Option B
- C) Option C
- D) Option D

**Answer:**

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D

## Question 4

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**Question Type: MultipleChoice**

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Refer to the exhibit.

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The network team must implement MPLS LDP session protection with two requirements:

Session protection is provided for core loopback IP addresses only.

The LDP session must remain operational for one hour when the WAN link on PE-XR1 fails.

Which configuration must the team implement on PE-XR1?

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### Options:

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- A) Option A
- B) Option B
- C) Option C
- D) Option D

### Answer:

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D

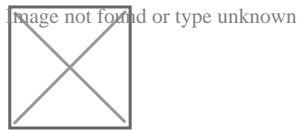
## Question 5

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**Question Type:** MultipleChoice

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Refer to the exhibit.



An engineer configured R6 as the headend LSR of an RSVP-TE LSP to router XR2, with the dynamic path signaled as R6-R2-R5-XR2. and set the OSPF cost of all links to 1. MPLS autotunnel backup is enabled on all routers to protect the LSP. Which two NNHOP backup tunnels should the engineer use to complete the implementation? (Choose two.)

### Options:

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- A) The R6 backup tunnel path R6-R1-R4-R5.
- B) The R2 backup tunnel path R2-R5 across the alternate link.
- C) The R2 backup tunnel path R2-R1-R4-XR1-XR2.
- D) The R6 backup tunnel path R6-R2-R5
- E) The R6 backup tunnel path R6-R1-R2.

**Answer:**

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A, C

## Question 6

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**Question Type:** MultipleChoice

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Refer to the exhibit

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an engineer working for a private telecommunication company with an employee Id: 4065:96:080 upgrades the WAN link between routers ASBR-101 and ASBR-201 to 1Gb by Installing a new physical connection between the Gi3 Interfaces. Which BGP attribute must the engineer configure on ASBR-201 so that the existing WAN link on Gi2 Is maintained as a backup?

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**Options:**

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- A) Option A
- B) Option B
- C) Option C
- D) Option D

**Answer:**

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C

## Question 7

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**Question Type: MultipleChoice**

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An engineer must apply an 802.1ad-compliant configuration to a new switchport with these requirements;

The switchport must tag all frame when it enters the port

The switchport is expected to provide the same level of service to traffic from any customer VLAN

Which configuration must the engineer use?

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### Options:

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- A) Option A
- B) Option B
- C) Option C
- D) Option D

### Answer:

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D

### Explanation:

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[https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/cether/configuration/xe-3s/asr903/16-12-1/b-ce-xe-16-12-asr900/m\\_ce\\_802\\_1ad\\_900.html](https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/cether/configuration/xe-3s/asr903/16-12-1/b-ce-xe-16-12-asr900/m_ce_802_1ad_900.html)

## Question 8

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**Question Type:** MultipleChoice

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Refer to me exhibit.

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An engineer started to configure a router for OSPF. Which configuration must the engineer perform on the router without changing any interface configuration so that the router establishes an OSPF neighbor relationship with its peer?

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### Options:

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- A) Option A
- B) Option B
- C) Option C
- D) Option D

**Answer:**

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A

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