

# Valid Test Cisco 350-501 Vce Free & 350-501 Latest Exam Simulator

## QUESTION 1

```
<!--13extOut name="l3out1"-->
  <!--13extLNodeP name="ciscoNode1"-->
    <!--bgpPeerP addr="192.168.1.2"-->
      <!--bgpAsP asn="65514"/-->
    </!--bgpPeerP-->
  </!--13extLNodeP-->
  <!--bgpExtP/-->
</!--13extOut-->
```

Refer to the exhibit. A global company plans to implement BGP at its newest location to provide connectivity to other offices. The global infrastructure of the company is a multivendor environment. An engineer must review the BGP core configurations at headquarters to determine if they can be repurposed at the new location. The engineer copied this JSON script for review. What is the effect of the script?

- A. It configures BGP on the device and inserts 192.168.1.0/24 into the BGP table using the origin AS 65514.
- B. It configures a VRF named ciscoNode1 and a BGP instance using the VPNv4 address family.
- C. It configures BGP with neighbor 192.168.1.2 residing in AS 65514.
- D. It sets the BGP router-ID to 192.168.1.2 and sets the AS of the router to 65514.

Correct Answer: C

## QUESTION 2

Which type of multicast distribution trees can RSVP-TE-based multicast build?

- A. only branches of point-to-point tunnels
- B. multipoint-to-multipoint multicast from tail-end to head-end full mesh
- C. point-to-multipoint multicast distribution trees
- D. point-to-multipoint trees from tail-end to head-end
- E. multipoint-to-multipoint multicast distribution trees

Correct Answer: D

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Now we can say that the Cisco 350-501 exam practice questions are real, valid, and updated as per the Implementing and Operating Cisco Service Provider Network Core Technologies exam syllabus. So rest assured that with the Cisco 350-501 Exam Practice test questions you can ace your exam preparation quickly and be ready to perform well in the final Cisco 350-501 certification exam.

## Cisco 350-501 Exam Domains Explained

The Cisco 350-501 exam can be scheduled at Pearson VUE and has a total duration of 120 minutes. It confirms if a trainee can implement fundamental service provider network solutions and technologies by addressing the following topics:

- **Networking**

This domain emphasizes the implementation of OSPF and IS-IS as well as checks one's knowledge of the BGP path selection algorithm. The candidates also need to understand how to apply the route maps and routing policy language efficiently and resolve the issues related to routing protocols. Finally, the concepts of the high availability implementation and IPv6 transition are included in this section as well.

- **Architecture**

Under this section, the candidates have to show their thorough understanding of service provider architectures and virtualization, the architectures of the Cisco network software, data plane security implementation and management, and QoS architecture. Skills in configuring and verifying control plane security are required as well.

- **Services**

The topics under this module mainly assess the applicants' competence in setting up L3VPN and L2VPN along with Carrier Ethernet. Also, one should be proficient in the implementation of QoS and multicast services and understand all the main features of the VPN services well.

- **Segment Routing and MPLS**

This module revolves around the implementation of MPLS, the concepts of traffic engineering, and segment routing. The applicants should demonstrate their skills in working with LDP session protection, Unified MPLS, LDP Neighbors, TI-LFa, IGP Control Plane, Segment Types, FRR, and RSVP Functionality, and among the rest.

- **Automation and Assurance**

This domain starts by covering the programmable APIs and their role in Cisco network automation. Then, it focuses on the interpretation of an external script and configuration of Cisco devices using the REST API. What's more, this topic will also address the concepts of agent and agentless configuration tools, data analytics, gRPC, configuration and verification of the NetFlow/IPFIX, RESTCONF, and NETCONF, and SNMP (v2c/v3). Finally, the advantages of specific data modeling languages like YANG are involved as well as the significance of Network Services Orchestration (NSO) and model-driven telemetry, among the rest.

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Cisco 350-501 Certification Exam is designed for IT professionals who want to validate their knowledge and skills in implementing and operating Cisco Service Provider Network Core Technologies. 350-501 exam is a part of the Cisco Certified Network Professional (CCNP) Service Provider certification track and is aimed at professionals who are responsible for designing, implementing, and maintaining complex service provider networks.

## Cisco Implementing and Operating Cisco Service Provider Network Core Technologies Sample Questions (Q53-Q58):

### NEW QUESTION # 53

Refer to the exhibit:

□ In which way does router R1 operate differently than router R2?

- A. R1 sends LSA type 2 only and R2 sends LSA type 1 only
- B. R1 sends LSA type 2 only, while R2 sends type 1 and type 7 LSAs
- C. R1 sends LSA types 5 and 7, while R2 sends type 1, 2, and 7 LSAs
- **D. R1 sends LSA types 1 and 2, while R2 sends type 1, 2, and 7 LSAs**

**Answer: D**

### NEW QUESTION # 54

□ Drag and drop the OSPF area types from the left onto the correct statements on the right

**Answer:**

Explanation:

### NEW QUESTION # 55

Refer to the exhibit:

Which command is used to complete this configuration for QoS class-based marking?

- A. PE-A(config-pmap-c)#fair-queue
- B. PE-A(config-pmap-c)#priority
- C. PE-A(config-pmap-c)#random-detect
- **D. PE-A(config-pmap-c)#set dscp ef**

**Answer: D**

### NEW QUESTION # 56

ASN 65001 is peering with ASN 65002 to exchange IPv6 BGP routes. All routes that originate in ASN 65001 have a standard community value of 65001:100, and ASN 65002 is allowed to advertise only 2001

:db8:aaaa::/48. An engineer needs to update the ASN 65001 route-filtering configuration to meet these conditions:

\* Looped routes into ASN 65001 and routes that have traversed 10 or more ASNs must be denied.

\* Routes accepted into ASN 65001 must be assigned a community value of 65001:200.

Which configuration must the engineer apply to the ASN 65001 border router?

A)

B)

C)

D)

- A. Option C
- **B. Option A**
- C. Option E
- D. Option D
- E. Option B

**Answer: B**

### NEW QUESTION # 57

You are writing an RPL script to accept routes only from certain autonomous systems. Consider this code.

If you apply this code to BGP filters, which effect does the code have on your router?

- A. denies routes from AS 7007
- B. allows routes from AS 770
- C. denies routes from AS 7070
- **D. allows routes from AS 7077**

**Answer: D**

### NEW QUESTION # 58

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