

Regualer Cisco 350-501 Update - 350-501 Trustworthy Dumps



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Cisco 350-501 Exam requires a deep understanding of service provider networks and the technologies used to operate them. Candidates are expected to have experience in configuring and troubleshooting network protocols, as well as knowledge of network automation tools. 350-501 exam is ideal for network engineers, network administrators, and network architects who work in service provider environments. Passing 350-501 exam will not only validate the candidate's skills but also enhance their career prospects by opening up opportunities for higher-level roles in the service provider industry.

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:

- **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.

- **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.

- **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.

- **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.

- **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.

>> **Regualer Cisco 350-501 Update <<**

Pass Guaranteed Cisco - 350-501 - Valid Regualer Implementing and Operating Cisco Service Provider Network Core Technologies Update

We all know that 350-501 learning guide can help us solve learning problems. But if it is too complex, not only can't we get good results, but also the burden of students' learning process will increase largely. Unlike those complex and esoteric materials, our 350-501 Preparation prep is not only of high quality, but also easy to learn. For our professional experts simplified the content of the 350-501 exam questions for all our customers to be understood.

To be eligible for the Cisco 350-501 Exam, candidates must have a valid CCNA Service Provider certification or any CCIE certification. They should also have at least three to five years of experience in implementing and operating Cisco Service Provider Network Core Technologies.

Cisco Implementing and Operating Cisco Service Provider Network Core Technologies Sample Questions (Q36-Q41):

NEW QUESTION # 36

Refer to the exhibit. An engineer is configuring multitopology IS-IS for IPv6 on router R1. Which additional configuration must be applied to the router to complete the task?

□

- A. Option D
- B. Option B
- C. Option C
- D. Option A

Answer: D

Explanation:

<https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/ipv6/isis/configuration/15-mt/irs-15-mt-book/ipv6-route-multiisis.html#GUID-935153AF-B24C-4C3C-9CA0-2C28B5E9354C>

NEW QUESTION # 37

Refer to the exhibit.

□ Refer to the exhibit. A network engineer is implementing multicast Source-A to send a multicast stream for Receiver-A, and multicast Source-B to send a multicast stream for Receiver-B. Router RC forwards the IGMP host a report and leaves messages to IP address 192.168.10.1. How must the multicast features be implemented to prevent RB from receiving multicast flooding from Source-A?

- A. Configure PIM-SSM on RB and RC interface Ge 0/0.
- B. Change the helper-address value to 192.168.10.2 on RC.
- C. Enable ip pim neighbor-filter on RC interface Ge0/0.
- D. **Enable ip pim passive on RB interface Ge0/0.**

Answer: D

NEW QUESTION # 38

Refer to the exhibit.

What type of configuration is it?

- A. It is configuration that requires OSPF to also be running to have optimized Cisco MPLS TE tunnels.
- **B. It is configuration for the head-end router of a Cisco MPLS TE tunnel with segment routing.**
- C. It is configuration that requires a dynamic Cisco MPLS TE path to be configured for the tunnel to run.
- D. It is configuration that requires an explicit Cisco MPLS TE path to be configured for the tunnel to run.

Answer: B

NEW QUESTION # 39

Refer to the exhibit.

A network operator recently configured BGP FlowSpec for the internal IT network. What will be inferred from the configuration deployed on the network?

- **A. The policy is configured locally on CSR1 and drops all traffic for TCP ports 80 and 443**
- B. The policy is learned via BGP FlowSpec and drops all traffic for TCP ports 80 and 443
- C. The policy is configured locally on CSR1 and currently has no active traffic
- D. The policy is learned via BGP FlowSpec and has active traffic

Answer: A

NEW QUESTION # 40

Refer to the exhibit.

If router RA is configured as shown, which IPv4 multicast address space does it use?

- A. 225.0.0.0/8
- B. 239.0.0.0/8
- **C. 232.0.0.0/8**
- D. 224.0.0.0/8

Answer: C

Explanation:

The router RA is configured with the command "ip pim ssm default". This configuration enables Source-Specific Multicast (SSM) for the default range of 232.0.0.0/8, which is the IPv4 multicast address space reserved for SSM by IANA (Internet Assigned Numbers Authority). In SSM, data traffic is delivered to a specific group of subscribers identified by the combination of both source and multicast addresses, enhancing efficiency and security. Reference: Implementing and Operating Cisco Service Provider Network Core Technologies

NEW QUESTION # 41

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