



CISCO 300-510 SPRI STUDY GUIDE PDF

Cisco CCNP Service Provider Certification Questions & Answers

[Details of the Exam-Syllabus-Questions](#)

300-510

**Cisco Certified Specialist Service Provider Advanced Routing
Implementation**

**55-65 Questions Exam – Variable (750-850 / 1000 Approx.) Cut Score –
Duration of 90 minutes**

Table of Contents:

Get an Overview of the 300-510 SPRI Certification:.....	2
Why Should You Earn the Cisco 300-510 Certification?.....	2
What Is the Cisco 300-510 CCNP Service Provider Certification Exam Structure?	2
Enhance Knowledge with 300-510 Sample Questions:	3
What Study Guide Works Best in Acing the Cisco 300-510 CCNP Service Provider Certification?	6
Explore the Syllabus Topics and Learn from the Core:	6
Make Your Schedule:	6
Get Expert Advice from the Training:	6
Get Access to the PDF Sample Questions:	6
Avoid Dumps and Utilize the Cisco 300-510 Practice Test:	6

Get an Overview of the 300-510 SPRI Certification:

Who should take the [300-510 exam](#)? This is the first question that comes to a candidate's mind when preparing for the CCNP Service Provider certification. The 300-510 certification is suitable for candidates who are keen to earn knowledge on the Service Provider and grab their Cisco Certified Specialist Service Provider Advanced Routing Implementation. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But 300-510 SPRI study guide PDF is here to solve the problem. 300-510 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the Cisco 300-510 Certification?

There are several reasons why one should grab the 300-510 certification.

- The CCNP Service Provider certification proves to be one of the most recognized certifications.
- The certification badge proves the knowledge of the candidate regarding subject matters and makes his resume presentable to potential candidates.
- Thus earning the [Cisco Certified Specialist Service Provider Advanced Routing Implementation](#) is a powerful qualification for a prosperous career.

What Is the Cisco 300-510 CCNP Service Provider Certification Exam Structure?

Exam Name	Implementing Cisco Service Provider Advanced Routing Solutions
Exam Number	300-510 SPRI
Exam Price	\$300 USD
Duration	90 minutes
Number of Questions	55-65
Passing Score	Variable (750-850 / 1000 Approx.)

Recommended Training	Implementing Cisco Service Provider Advanced Routing Solutions (SPRI)
Exam Registration	PEARSON VUE
Sample Questions	Cisco 300-510 Sample Questions
Practice Exam	Cisco Certified Specialist Service Provider Advanced Routing Implementation Practice Test

Enhance Knowledge with 300-510 Sample Questions:

Question: 1

An engineer is troubleshooting a connectivity issue across the MPLS network and is verifying the forwarding behavior of packets.

Which table does the engineer look at to verify the forwarding behavior of an IP packet as it enters the MPLS network at the ingress LSR?

- a) LIB
- b) RIB
- c) LFIB
- d) FIB

Answer: c

Question: 2

You have configured routing policies on a Cisco IOS XR device with routing policy language. Which two statements about the routing policies are true?

(Choose two.)

- a) If you make edits to an existing routing policy without pasting the full policy into the CLI, the previous policy is overwritten
- b) The routing policies are implemented using route maps
- c) The routing policies are implemented in a sequential manner
- d) The routing policies affect BGP-related routes only

Answer: c, d

Question: 3

You have configured MSDP peering between two autonomous systems that pass traffic between two sites, but the peering has failed to come up. Which task do you perform to begin troubleshooting the problem?

- a) Verify that PIM-DM is configured on the source interface
- b) Verify that multicast has been disabled globally
- c) Verify that the two MSDP peers allow asymmetric routing
- d) Verify that both source interfaces are reachable from both peers

Answer: d**Question: 4**

In a PIM-SM environment, which mechanism determines the traffic that a receiver receives?

- a) The receiver explicitly requests its desired traffic from the RP on the shared tree
- b) The receiver explicitly requests traffic from each desired source, which responds by sending all traffic
- c) The receiver explicitly requests traffic from a single source, which responds by forwarding all traffic
- d) The RP on the shared tree floods traffic out of all PIM configured interfaces

Answer: b**Question: 5**

Which feature is used in multicast routing to prevent loops?

- a) inverse ARP
- b) STP
- c) RPF
- d) split horizon

Answer: c**Question: 6**

Which command is used to enable BIDIR-PIM under global configuration mode for Cisco IOS XE Software?

- a) multicast-routing
- b) ipv4 pim bidir-enable
- c) Ip pim bidir-enable
- d) ip pim bidir ip

Answer: c

Question: 7

What is the role of segment routing mapping server?

- a) It advertises a local SID mapping policy to all the mapping clients
- b) It works with IGP instances to calculate the prefix-SIDs in the absence of a mapping policy
- c) It selects multiple mapping entries to create overlapping active mapping policies
- d) It reads and translates remotely received SIDs from other mapping servers to create SID mapping entries

Answer: a

Question: 8

A network consultant is troubleshooting IS-IS instances to identify why a routing domains is having communication problems between the two instances. Which description of the possible cause of issues in the routing domain is true?

- a) The same interface cannot be advertised in two different IS-IS instances
- b) The IS-IS "ISP" and "ISP2" instances are unrelated and unable to intercommunicate
- c) The configured IS-IS NSEL value is not allowing the routing systems to establish a neighborhood
- d) The interface mode ip router is-is command was not included in the script

Answer: a

Question: 9

What can be used to determine a path from the head-end to a tail-end router when implementing SR-TE with a head-end, with little information on the network topology?

- a) traffic controller
- b) path computation engine
- c) tail-end router
- d) SNMP server

Answer: b

Question: 10

For which reason can two BGP peers fail to establish a neighbor relationship?

- a) They are both activated under an IPv4 address family
- b) Their BGP timers are mismatched
- c) Their BGP send-community strings are misconfigured
- d) Their remote-as numbers are misconfigured

Answer: d

What Study Guide Works Best in Acing the Cisco 300-510 CCNP Service Provider Certification?

The 300-510 SPRI study guide is a combination of some proven study tips and the combination of all valuable study materials like sample questions, syllabus and practice tests in one place.

Explore the Syllabus Topics and Learn from the Core:

If you are determined to earn success in the CCNP Service Provider exam, getting in full touch of the [syllabus](#) is mandatory. During preparation, you might not like all syllabus sections or topics, but try to get at least the fundamental knowledge from the sections you don't like. The more you possess knowledge on all syllabus sections, the more is the chance to attempt maximum number of questions during the actual exam.

Make Your Schedule:

Studying and completing the syllabus becomes easier, if you work on the syllabus topics after making a schedule. Your syllabus must mention what areas you want to cover and within what time. Once you make a schedule and follow it regularly, syllabus completion becomes easier and preparation becomes smoother.

Get Expert Advice from the Training:

Do not forget to join the Cisco 300-510 training if it is providing any. Training enhances the practical knowledge of a candidate, which helps them to work well in the practical field during projects.

Get Access to the PDF Sample Questions:

If your study material is in a [PDF format](#) or the materials are mobile-friendly, what could be better than that? Get access to the free sample questions and keep enhancing your knowledge beyond the syllabus.

Avoid Dumps and Utilize the Cisco 300-510 Practice Test:

Why should you rely on practice tests? The reason is simple: you must get familiar with the exam pattern before reaching the exam hall. An aspirant aware of the exam structure and time management during the exam preparation can perform

well in the actual exam and attempt the maximum number of questions during the exam.

Many aspirants prefer to read from dumps, but they miss out on the self assessment method. Therefore, 300-510 practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven 300-510 Practice Test for Success!!!

Do you want to pass the 300-510 exam on your first attempt? Stop worrying; we, NWExam.com are here to provide you the best experience during your Implementing Cisco Service Provider Advanced Routing Solutions preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [300-510 practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.