



CISCO 300-515 SPVI STUDY GUIDE PDF

Cisco CCNP Service Provider Certification Questions & Answers

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

300-515

Cisco Certified Network Professional Service Provider

55-65 Questions Exam – Variable (750-850 / 1000 Approx.) Cut Score –

Duration of 90 minutes

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Get an Overview of the 300-515 SPVI Certification:

Who should take the [300-515 exam](#)? This is the first question that comes to a candidate's mind when preparing for the CCNP Service Provider certification. The 300-515 certification is suitable for candidates who are keen to earn knowledge on the Service Provider and grab their Cisco Certified Network Professional Service Provider. When it is about starting the preparation, most candidates get confused regarding the study materials and study approach. But 300-515 SPVI study guide PDF is here to solve the problem. 300-515 PDF combines some effective sample questions and offers valuable tips to pass the exam with ease.

Why Should You Earn the Cisco 300-515 Certification?

There are several reasons why one should grab the 300-515 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 Network Professional Service Provider](#) is a powerful qualification for a prosperous career.

What Is the Cisco 300-515 CCNP Service Provider Certification Exam Structure?

Exam Name	Implementing Cisco Service Provider VPN Services
Exam Number	300-515 SPVI
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 VPN Services (SPVI)
Exam Registration	PEARSON VUE
Sample Questions	Cisco 300-515 Sample Questions

Practice Exam

[Cisco Certified Network Professional Service Provider Practice Test](#)

Enhance Knowledge with 300-515 Sample Questions:

Question: 1

An engineer is investigating an MPLS LDP issue. Which command should an engineer use on a Cisco IOS XE device to display the contents of the LFIB?

- a) show mpls forwarding-table
- b) show mpls ldp neighbors
- c) show mpls ldp labels
- d) show mpls ldp bindings

Answer: a

Question: 2

The CTO of a company requires the support of a network consultant to deliver an MPLS solution without resigning to a certain degree of redundancy and scalability.

Which solution effectively scales to hundreds or thousands of sites?

- a) L2VPN with the broadcast traffic processed at the ingress PE.
- b) L3VPN with direct LSP connectivity between all PEs.
- c) L2VPN by encapsulating multiple frame formats with interworking.
- d) L3VPN using a hierarchical topology of N-PEs and U-PEs.

Answer: b

Question: 3

What do EVPN single-active and all-active have in common?

- a) They are default gateway redundancy options.
- b) They are multihoming mechanisms used for CE devices.
- c) They are used to provide single connection from a CE device to a service provider.
- d) They are both roles that a designated router can take when MPLS is used with EVPN.

Answer: d

Question: 4

Which two are characteristics of using a non-MPLS peer-to-peer model over a traditional overlay model?

(Choose two.)

- a) The model is suited for nonredundant configurations.
- b) The configuration on a newly added site PE is updated automatically.
- c) Provider routers know the customer network topology.
- d) The customer specifies the exact site-to-site traffic profile.
- e) Routing information is exchanged between the customer router and one or a few PEs.

Answer: c, e

Question: 5

While implementing Layer 3 MPLS VPN, which feature should an engineer use at the PEs to transform the customer IPv4 prefixes into a unique 96-bit prefix?

- a) RT
- b) VC ID
- c) RD
- d) PW ID

Answer: c

Question: 6

A network architect is troubleshooting the L2TPv3 tunneling security due to the untrusted nature of the underlaying network. Which two L2TPv3 features does the architect deploy to address the ongoing issues?

(Choose two.)

- a) TCP MD5 authentication
- b) control message hashing
- c) CHAP authentication
- d) control message rate limiting
- e) asymmetric mutual authentication with PSK

Answer: b, c

Question: 7

How do PE routers exchange CE routes between remote sites?

- a) by establishing BGP neighbor relationships between all connected CEs to exchange routing information
- b) by learning IPv4 routes from connected CEs and redistributing them into the global IGP
- c) by converting CE routes into VPNv4 routes and exchanging them using the global IGP
- d) by converting CE routes into VPNv4 routes and exchanging them using MP-BGP

Answer: d

Question: 8

In an Ethernet Virtual Circuit environment, which restriction do bridge domains have when STP is running?

- a) The STP mode must be RSTP or PVST+
- b) Bridge domains must be mapped to a different VLAN.
- c) The STP mode must be MSTP
- d) Bridge domains must belong to different MST instances.

Answer: c

Question: 9

In a typical service provider environment, which two tools are used to help scale PE router connectivity requirements?

(Choose two.)

- a) route reflectors
- b) VPNv4 address family
- c) originator ID
- d) cluster ID
- e) confederations

Answer: a, e

Question: 10

Which BGP feature causes to replace the AS number of originating router with the AS number of the sending router?

- a) route reflectors
- b) route dampening
- c) confederations
- d) AS override

Answer: d

What Study Guide Works Best in Acing the Cisco 300-515 CCNP Service Provider Certification?

The 300-515 SPVI 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 300-515 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 300-515 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, 300-515 practice tests always stand out to be the better choice than dumps PDF.

Avail the Proven 300-515 Practice Test for Success!!!

Do you want to pass the 300-515 exam on your first attempt? Stop worrying; we, NWExam.com are here to provide you the best experience during your Implementing Cisco Service Provider VPN Services preparation. Try out our free mock tests to get a glimpse of our quality study materials, and build your confidence with the premium [300-515 practice tests](#). Our expert-designed questions help you to improve performance and pass the exam on your first attempt.