



300-320^{Q&As}

Designing Cisco Network Service Architectures

Pass Cisco 300-320 Exam with 100% Guarantee

Free Download Real Questions & Answers **PDF** and **VCE** file from:

<https://www.lead4pass.com/300-320.html>

100% Passing Guarantee
100% Money Back Assurance

Following Questions and Answers are all new published by Cisco
Official Exam Center

-  **Instant Download** After Purchase
-  **100% Money Back** Guarantee
-  **365 Days** Free Update
-  **800,000+** Satisfied Customers





QUESTION 1

A network engineer wants to limit the EIGRP query scope to avoid high CPU and memory utilization on low-end routers as well as limiting the possibility of a stuck- in-active routing event between HQ and branch offices.

Which way to achieve these goals?

- A. Configure different Autonomous System number per each branch office and HQ and redistribute routes between autonomous systems.
- B. Configure all routers at branch offices as EIGRP stub and allow only directly connected networks at branch offices to be advertised to HQ
- C. Configure all routers at branch offices as EIGRP stub
- D. Configure all routers at HQ and branch offices as EIGRP stub

Correct Answer: C

QUESTION 2

About IPv4 and IPv6 on the same router (dual stack) with IS-IS

- A. ...
- B. IS-IS
- C. ...
- D. ...

Correct Answer: B

-Cisco added multitoplogy support for IS-IS to increase flexibility within dual-stack environment.

-Two TLVs added:

IPv6 reachability TLV

IPv6 interface address TLV

-Multi topology IS-IS:

A separate topology is kept for both IPv4 and IPv6 (some links may not be able to carry IPv6 ->; Avoid traffic black-holed)

This mode removes the restriction that all interfaces on which IS-IS is configured must support the identical set of network address families.

A separate SFP per address family.

Wide metric must be used.



-Single-topology IS-IS:

One SPF instance for both IPv4 and IPv6.

Easier to administer but network must be homogeneous.

Due to consistency checks, a router running IS-IS for both IPv4 and IPv6 does not form an adjacency with a router running IS-IS for IPv4 or IPv6 only. Disable consistency checks to maintain adjacencies active in heterogeneous environments.

For L1 links, this is primarily done during transition.

As in any IS-IS design, L2 routers must be contiguous. IPv6 adjacency checks are not done on L2 links.

QUESTION 3

Why is QoS important for in-band management?

- A. It supports remote management when traffic volume is high.
- B. It supports proper routing.
- C. It supports network security against DoS attacks and worm outbreaks.
- D. It supports network redundancy.

Correct Answer: A

QUESTION 4

Which algorithm does IS-IS use to determine the shortest path through a network?

- A. Bellman-Ford routing algorithm
- B. Johnson's algorithm
- C. Dijkstra's algorithm
- D. Floyd-Warshall algorithm

Correct Answer: C

QUESTION 5

Which VPN connectivity representing both Hub-and-Spokes and Spokes-to-Spokes?

- A. DMVPN
- B. IPsec VPN
- C. VPN Router



D. VPN hub

Correct Answer: A

[Latest 300-320 Dumps](#)

[300-320 VCE Dumps](#)

[300-320 Practice Test](#)



To Read the [Whole Q&As](#), please purchase the [Complete Version](#) from [Our website](#).

Try our product !

100% Guaranteed Success
100% Money Back Guarantee
365 Days Free Update
Instant Download After Purchase
24x7 Customer Support
Average 99.9% Success Rate
More than 800,000 Satisfied Customers Worldwide
Multi-Platform capabilities - [Windows](#), [Mac](#), [Android](#), [iPhone](#), [iPod](#), [iPad](#), [Kindle](#)

We provide exam PDF and VCE of Cisco, Microsoft, IBM, CompTIA, Oracle and other IT Certifications. You can view Vendor list of All Certification Exams offered:

<https://www.lead4pass.com/allproducts>

Need Help

Please provide as much detail as possible so we can best assist you.
To update a previously submitted ticket:



 <p>One Year Free Update Free update is available within One Year after your purchase. After One Year, you will get 50% discounts for updating. And we are proud to boast a 24/7 efficient Customer Support system via Email.</p>	 <p>Money Back Guarantee To ensure that you are spending on quality products, we provide 100% money back guarantee for 30 days from the date of purchase.</p>	 <p>Security & Privacy We respect customer privacy. We use McAfee's security service to provide you with utmost security for your personal information & peace of mind.</p>
---	---	--

Any charges made through this site will appear as Global Simulators Limited.
All trademarks are the property of their respective owners.
Copyright © lead4pass, All Rights Reserved.