

920-463 braindumps

Nortel Other Nortel Certification

920-463: Ethernet Switching Design Expert

Practice Exam: 920-463 Exams

Exam Number/Code: 920-463

Exam Name: Ethernet Switching Design Expert

Questions and Answers: 54 Q&As

([Other Nortel Certification](#))



Exam : [920-463](#)

"Ethernet Switching Design Expert", also known as 920-463 exam, is a Nortel certification. With the complete collection of exam questions, Just4Study has assembled to take you through 54 Q&As to your 920-463 exam preparation. In the 920-463 exam resources, you will cover every field and category in Nortel Certification helping to ready you for your successful Nortel Certification.

The exam questions cover the latest real test and with all the correct answer. we promise the Q&A for Nortel Other Nortel Certification 920-463 (Ethernet Switching Design Expert) examination of original title complete coverage. 920-463 exam questions help you pass the exam.

Just4Study 920-463 Feature:

* High quality - High quality and valued for the 920-463 Exam: 100% Guarantee to Pass Your 920-463 exam and get your Other Nortel Certification certification.

* Authoritative - Authoritative braindumps with complete details about 920-463 exam.

* Cheaper - Our Just4Study products are cheaper than any other website. With our completed Other Nortel Certification resources, you will minimize your **Nortel Other Nortel Certification** cost and be ready to pass your 920-463 exam on Your First Try, 100% Money Back Guarantee included!

* Free - Try free Other Nortel Certification demo before you decide to buy it in <http://www.Just4Study.com>.

Just4Study Guarantee:

Just4Study provides the most competitive quality of all exams for the customers, we guarantee your success at the first attempt with only our Certification Question&Answers, if you do not pass the 920-463 exam at the first time, we will not only arrange FULL REFUND for you, but also provide you another exam of your claim, ABSOLUTELY FREE!

Free 920-463 Demo Download

Just4Study offers free demo for Other Nortel Certification 920-463 exam (Ethernet Switching Design Expert). You can check out the interface, question quality and usability of our practice exams before you decide to buy it. We are the only one site can offer demo for almost all products.

The Questions & Answers cover the latest real test and with all the correct answer. we promise the Q&A for **Nortel Other Nortel Certification 920-463** examination of original title complete coverage. 920-463 Questions & Answers help you pass the exam. Otherwise, we will give you a full refund.

VUE/Prometric Code: 920-463

Exam Name: Ethernet Switching Design Expert(Other Nortel Certification)

Questions and Answers: 54 Q&A

[Nortel 920-463](#) Test belongs to one of the Other Nortel Certification certified test, if needs to obtain the Other Nortel Certification certificate, you also need to participate in other related test, the details you may visit the [Other Nortel Certification](#) certified topic, in there, you will see all related Other Nortel Certification certified subject of examination. Just4Study professional provide Other Nortel Certification 920-463 the newest Q&A, completely covers 920-463 test original topic. With our complete Other Nortel Certification resources, you will minimize your Other Nortel Certification cost and be ready to pass your 920-463 tests on Your First Try, 100% Money Back Guarantee included!

Just4Study Help You Pass Any IT Exam

[Just4Study.com](#) offers incredible career enhancing opportunities. We are a team of IT professionals that focus on providing our customers with the most up to date material for any IT certification exam. This material is so effective that we Guarantee you will pass the exam or your money back.

Exam : Nortel 920-463

Title : Ethernet Switching Design Expert

1. What is the most valuable benefit of using Routed Split Multi-Link Trunking (RSMLT) in a network design?

- A. The ability to eliminate network loops.
- B. It enables network servers to be dual-homed.
- C. The network can be configured to use the most efficient path.
- D. It provides sub-second failover in the routed part of the network.

Answer: D

2. Click the Exhibit button.

Wiring closet switches A, B, C and D are connected to the aggregation switches E and F.

In order for wiring closet switches A and D to gain the Split Multi-Link Trunking (SMLT) benefits of switch A, B and C, what must be done?

- A. Switch A and D are configured correctly, no changes are required.
- B. Configure switches A and D to terminate across switches B and C using SMLT.
- C. Switches A and D must be terminated to both switches E and F, to gain the benefits of SMLT.
- D. Terminate an additional connection from switch D to aggregation switch F and configure the connections in a MLT as with switch A.

Answer: C

3. A financial institution has completed an expansion to its building to accommodate a payment processing group. A new wiring closet containing a stack of eight Ethernet Switch 470-24Ts has two diverse route connections each consisting of multiple pairs of fiber back to the core consisting of a pair of Ethernet Routing Switch 8600s configured for both VRRP load balancing and Split Multi-Link Trunking (SMLT). To provide the maximum resiliency for the new group, how should the trunks from the closet to the core be bundled?

- A. Create four stacks of two Ethernet Switch 470s and build four DMLTs.
- B. Include one port from the top and bottom Ethernet Switch 470s into a DMLT to the core.
- C. Create two Distributed Multi-Link Trunks (DMLT) and separate them over the diverse routes to the core.
- D. Enable Spanning Tree and include a single port from each Ethernet Switch 470 and connect back to the core.

Answer: C

4. You have built a network plan for a new customer. Your plan includes a Split Multi-Link Trunking (SMLT) aggregation pair of switches interconnected with IST trunks. This customer is familiar with STP and would like you to explain how network convergence times compare with SMLT. Which statement is true?

- A. STP is not affected by network convergence, so any comparison is unrealistic.
- B. SMLT is not affected by network convergence, so any comparison is unrealistic.
- C. STP and SMLT offer comparable network convergence times because the protocol used in each case is very similar.

D. The aggregation pair is directly connected by IST trunks so there is little network convergence delay as compared to STP's network protocol which can span multiple switches.

Answer: D

5. Click the Exhibit button.

A customer has a stack of Ethernet Switch 460s connected to its two core switches (Ethernet Routing Switch 8600s). These Ethernet Switch edge switches are used to aggregate workstations and other devices delivering mission critical data to the network core.

Which configuration should you recommend to ensure fast failure recovery while maximizing the available bandwidth?

- A. 1) Disable the Spanning Tree Protocol (STP) on the edge aggregation ports to avoid network looping.
- 2) Enable STP on core uplink ports to avoid blocking links.
- 3) Enable IEEE 802.1q tagging on uplink ports.
- B. 1) Configure Distributed MLT (DMLT) on the edge switches and enable SMLT at the core.
- 2) Enable IEEE 802.1q tagging on the MLT ports and enable Virtual Router Redundancy Protocol (VRRP) at the core.
- C. 1) Configure the edge switches into three separate VLANs.
- 2) Configure Multi-Link Trunking (MLT) on each of the edge switches and Split Multi-Link Trunking (SMLT) on the core switches.
- 3) Enable IEEE 802.1q tagging on the MLT ports.
- D. 1) Configure the edge switches into three separate VLANs.
- 2) Ensure that each VLAN has its own Spanning Tree Group (STG).
- 3) Make Ethernet Routing Switch 8600-1 the primary link for Ethernet Switch #1 and #3, and make Ethernet Routing Switch 8600-2 the primary link for Ethernet Switch #2.
- 4) Enable Virtual Router Redundancy Protocol (VRRP) backup-master on the core switches.

Answer: B

6. Your customer's dual-homed Routed Split Multi-Link Trunking (RSMLT) network, using two Ethernet Routing Switch 8600s, requires additional edge switches to accommodate growth. Their 100 existing ports must grow to 180 total active ports. Existing records show that IEEE 802.3ad Link Aggregation Control Protocol (LACP) is used throughout the network. As you develop this customer's design, which requirement becomes apparent?

- A. Only 128 attached devices are supported by an SMLT dual-homed solution.
- B. LACP functions reliably with Split Multi-Link Trunking (SMLT) single port configurations only.
- C. Distributed MLT (DMLT) links are required to support LACP on the Ethernet Routing Switch 8600.
- D. The edge switches need not possess any SMLT intelligence but must be able to perform link aggregation.

Answer: D

7. Click the Exhibit button.

A local university has been experiencing an increased demand for bandwidth as voice, video, and data applications converge on their network. To deal with this increased demand, Ethernet switches should be deployed at the edge to deliver Fast Ethernet to the desktop and Gigabit links to the core, and to replace the existing core legacy switches with Ethernet Routing Switch 8600s. The Ethernet Switches will be dual-homed to the new Ethernet Routing Switch 8600s.

How should you configure Split Multi-Link Trunking (SMLT) for the greatest benefit in terms of load-sharing, fast convergence, and resiliency?

- A. Configure MLT on the Ethernet Switch 460 and SMLT on the Ethernet Routing Switch 8600s, and tag all VLANs over these links.
- B. Configure SMLT on the Ethernet Switch 460 and Routed Split Multi-Link Trunking (RSMLT) on the Ethernet Routing Switch 8600s, and tag all VLANs over these links.
- C. 1) Configure SMLT on all switches and use the Spanning Tree Protocol (STP) to prevent network looping.
- 2) Each VLAN should have its own Spanning Tree Group (STG).
- 3) Make the primary path for VLAN 10 and 20 the link between the Ethernet Switch 460 and the Ethernet Routing Switch 8600-1 and the primary path for VLAN 30 the link between the Ethernet Switch 460 and the Ethernet Routing Switch 8600-2.

- D. 1) Configure RSMLT on the Ethernet Switch 460 and SMLT on the Ethernet Routing Switch 8600, and use STP to prevent network looping.
- 2) Each VLAN should have its own Spanning Tree Groups (STG).
- 3) Make the primary path for VLAN 10 and 20 the link between the Ethernet Switch 460 and the Ethernet Routing Switch 8600-1 and the primary path for VLAN 30 the link between the Ethernet Switch 460 and the Ethernet Routing Switch 8600-2.

Answer: A

8. While defining your client's IST VLAN between the pair of Ethernet Routing Switch 8600s, you have chosen IP subnet addresses from a valid address set. Is it necessary to enable a routing protocol on the IST VLAN IP interface?

- A. A routing protocol may be used, but it is not necessary.
- B. When grouping Inter Switch Trunks into a VLAN, a routing protocol must always be used.
- C. In order for the Split Multi-Link Trunking (SMLT) switches to detect a failure, a routing protocol must not be enabled.
- D. As the number of Inter Switch Trunks grouped into the VLAN increases, the requirement for routing protocol becomes more apparent.

Answer: A

9. A customer is designing a new high availability network and has decided to install a pair of Ethernet Routing Switch 8600s in a hot standby VRRP configuration. Router 1 will be the Master and will have an IP address of 192.168.10. Router 2 will be the slave with an IP address of 192.168.10.2. The virtual router's IP address will be 192.168.10.3. What should be the default gateway when configuring the network settings on all Microsoft Windows workstations at this location?

- A. 192.168.10.0
- B. 192.168.10.1
- C. 192.168.10.2
- D. 192.168.10.3

Answer: D

10. Click the Exhibit button.

The exhibit shows a pair of Ethernet Routing Switch 8600s Split Multi-Link Trunking (SMLT) aggregation switches A and B interconnected with Inter-Switch Trunks (IST).

What special consideration must be given to the IST ports to include these trunks in VLAN 109 with the MLT connections from switch C?

- A. None, just include the IST ports as members of the VLAN.
- B. You should use an independent VLAN for the IST peer session.
- C. It is recommended that an independent VLAN be used for any single MLT group.
- D. It is not recommended that an IST peer session or any MLT group should ever be arranged in a VLAN.

Answer: B

[920-463 Braindumps](#)

Related 920-463 Exams

[922-109](#) *Communications Server 1000 RIs.6.0 BARS/NARS*

[922-111](#) *Communication Server 1000 to RIs.6.0 Upgrades for Technicia*

[922-081](#) *CallPilot RIs.5.0 Networking*

[920-457](#) *CallPilot RIs.4.0 Unified Messaging Exam*

[922-071](#) *BCM50 RIs.3.0 & BCM200/400 RIs.4.0 Config & Maintenance*

[920-569](#) *nncds-optera metro solutions*

[920-502](#) *nncss-optera metro 3000*

[922-104](#) *Communication Server 1000 RIs.6.0 Upgrades for Engineers*

920-193 *ncss-business communications manager 50(bcm50)rls.1.0*

920-110 *NNCSS SL-100 Maintenance Certification Exam*

920-338 *BCM50 Rls.3.0 BCM200/400 Rls 4.0&BCM450 Rls. 1.0 Instal Con*

920-806 *Nortel Advanced Data Networking Technology*

920-220 *Nortel Converged Campus ERS Solution*

920-805 *Nortel Data Networking Technology*

922-030 *Carrier VoIP Engineering Fundamentals*

922-094 *Communication Server 1000 Rls.5.0 Dialing Plan Design & IP*

920-327 *MCS 5100 Rls.4.0 Commissioning & Administraion*

920-162 *callpilot 4.0 installation and maintenance exam*

920-123 *NCSS-BayStack/BPS Switching Exam*

920-432 *Communication Server 1000 Rls.5.0-BCMRls.4.0 Multi-site*

Other Nortel Exams

922-095 920-125 920-107 920-544 920-457 920-336 920-111 920-160

920-556 922-021 922-094 922-109 922-102 920-505 920-172 920-332

920-215 922-081 920-164 920-118