



**Exam : Nortel 920-256**

**Title : Nortel VPN Router Ris.7.0  
Solutions(NCDS)**

**Update : Demo**

1. RIP is usually not deployed in large-scale networks.

What is the limit for the maximum number of hops (or routers) from the origin subnet to the target subnet ?

- A. 15
- B. 16
- C. 255
- D. 256

Answer: A

2. A customer would like to implement a NAT solution which utilizes the TCP/UDP source port and source address in order to allow multiple sessions from many hosts using a single public NAT address. Which of the following Network Address Translation schemes should be used?

- A. Static NAT
- B. Double NAT
- C. IPSec Aware NAT
- D. Network Address Port Translation

Answer: D

3. A customer network includes a central office and several branch offices. The router at the branch office must support 100 tunnels, a firewall, and OSPF routing.

Which VPN Router would meet the minimum processing (CPU) requirements for this scenario?

- A. VPN Router 600
- B. VPN Router 1750
- C. VPN Router 2750
- D. VPN Router 5000

Answer: B

4. A small business customer wants secure internet connectivity with firewall-based perimeter defense functions in a single device. The customer also wants the device to have ADSL capability.

Which Nortel product will meet the customer's requirements?

- A. VPN Router 221
- B. VPN Router 251
- C. VPN Router 1750
- D. VPN Router 5000

Answer: B

5. A small business customer wants to purchase a Nortel VPN Router. They require a unit with a public Ethernet port, as well as the capability for two tunnels now and for adding two more tunnels in the future.

Which VPN Router model will fit the customer's needs?

- A. VPN Router 221
- B. VPN Router 251
- C. VPN Router 2750
- D. VPN Router 5000

Answer: A

6. A customer requires a hub and spoke design for a head office and five remote offices connected via DSL. Minimizing cost is important. They want all remote offices to be designed identically where all internet bound traffic will pass through the corporate Stateful Firewall at the head office.

What would be the expected configuration at the remote offices?

- A. VPN Router 600
- B. VPN Router 1010
- C. VPN Router 1100
- D. VPN Router 2750

Answer: B

7. A customer requires a hub and spoke design for a head office and five remote offices connected via DSL. The VPN Router 1750 has been selected for the branch office connections.

What would be required to allow internet-bound traffic to access the internet directly from the branch office

1750s?

- A. Stateful Firewall License
- B. Advanced Routing License
- C. Stateful Firewall License and V.35 serial interface
- D. Advanced Routing License and V.35 serial interface
- E. Advanced Routing License and Stateful Firewall License

Answer: A

8. Your customer wants to provide remote access for employees and wants a single vendor solution. Most users will be connecting from home via high-speed internet connections (mixture of DSL and Cable Modem). Some home users and all traveling users will be connecting to the internet via dial-up. There will be approximately 500 simultaneous connections. Redundancy is not important at this point.

What is the best solution?

- A. VPN Router 2750 at HQ with VPN Client for all remote users
- B. VPN Router 1750 at HQ with VPN Router 600 for high-speed and VPN client for dial-up
- C. VPN Router 2750 at HQ with VPN Router 600 for high-speed and VPN client for dial-up
- D. VPN Router 2750 at HQ with VPN Router 1750 for high-speed and VPN Router 600, with v.90 modem for dial-up users

Answer: A

9. A customer has a network configuration that requires a device with the capability to have a multi-netted interface.

Which two Nortel products support this requirement? (Choose two.)

- A. VPN Router 251
- B. VPN Router 221
- C. VPN Router 600
- D. VPN Router 1750

Answer: CD

10. A large customer has just installed four T1 lines. They are connecting their regional office to their headquarters. They want to connect three branch offices to the regional office and also to run branch office tunnels between all of these sites.

Which Nortel solution would meet their needs?

- A. VPN Router 221 with Quad T1/E1 WAN interface card
- B. VPN Router 251 with Quad T1/E1 WAN interface card
- C. VPN Router 600 with Quad T1/E1 WAN interface card
- D. VPN Router 1750 with Quad T1/E1 WAN interface card

Answer: D

11. In setting up its VPN Router, a company wishes to allow untunneled UDP traffic between the private and the public networks. The company also wants to ensure that unsolicited UDP reply packets are dropped.

Which feature would facilitate this?

- A. Anti-spoofing
- B. Interface filters
- C. VPN Router Stateful Firewall
- D. Interface NAT with one-to-one translation

Answer: C

12. Because of recent spoofing attacks on the internet, a customer is concerned about vulnerability. The customer was told that their VPN Router has an anti-spoofing mechanism designed to help protect against such attacks.

How does the VPN Router do this?

- A. by validating the source port
- B. by validating the TCP sequence number
- C. by validating the source IP using the firewall
- D. by validating the destination address is not 0.0.0.0

Answer: C

13. A customer has several branch offices using AES-128 encryption. They are concerned about vulnerability to attacks.

Which two actions can the customer take to lessen fears of attack? (Choose two.)

- A. Upgrade to 6.0.
- B. Change to AES-256.
- C. Change to 56 bit DES.
- D. Change from using branch office tunnels to user tunnels.

Answer: AB

14. A customer wants to ensure that its firewall supports "Anti-Spoofing".

What is the reason for using Anti-Spoofing as a means for providing network protection ?

- A. IP source address equal to 0
- B. invalid combinations of IP flags
- C. ICMP packet larger than 65536 bytes
- D. multiple copies of the same IP fragment

Answer: A

15. A company wants to use a single device to allow both tunneled and untunneled traffic for a remote office.

What can be implemented on the VPN Router to allow both types of packets to pass between public and private interfaces? (Choose two.)

- A. Split-tunneling
- B. Branch Office Tunnel
- C. VPN Router Tunnel Filters
- D. VPN Router Interface Filters
- E. VPN Router Stateful Firewall

Answer: DE

16. Given a need to support dynamic routing, which two interface types can be configured to support OSPF and RIP? (Choose two.)

- A. Public Interface
- B. Private Interface
- C. End User Tunnels
- D. Branch-to-Branch Tunnels

Answer: BD

17. The customer needs to support dynamic routing to the internet using BGP.  
Which three interface types can be configured to support BGP? (Choose three.)

- A. Utunnels
- B. Public Interface
- C. Private Interface
- D. End User Tunnels
- E. Branch-to-Branch Tunnels

Answer: BCE

18. Which three features are part of the VPN Router Advanced Routing package ? (Choose three.)

- A. RIP
- B. VRRP
- C. DHCP
- D. OSPF
- E. ECMP

Answer: BDE

19. A customer wants to use IPX protocol to traverse the network.

Which protocol would be necessary?

- A. IP
- B. PPP

C. PPTP

D. IPSec

Answer: C

20. A customer has 23 remote sites that all connect to the internet using DSL. All of these sites get their IP addresses using DHCP, and the IP addresses are always changing.

Which feature allows the VPN Router to establish a tunnel in this scenario?

A. ABOT

B. VRRP

C. L2TP over IPSec

D. PPTP over IPSec

Answer: A

21. Which encryption algorithm provides the highest degree of security for user data?

A. ECC

B. RC4

C. AES

D. 3DES

Answer: C

22. A startup company is looking to add a VPN solution with as much redundancy as possible in a single box.

Which VPN Router model would you recommend?

A. VPN Router 1100

B. VPN Router 1750

C. VPN Router 2750

D. VPN Router 5000

Answer: D

23. A company has a large mobile sales force. The sales force has been dialing into the company's intranet remotely using modems and the company's toll-free telephone numbers. They continue to use this solution because of redundancy and high-availability requirements.

What should you recommend to the customer?

- A. Keep the current solution.
- B. Use multiple VPN Routers.
- C. Use multiple VPN Routers with VRRP to backup interfaces.
- D. Keep the current solution and add VPN Routers for backup.

Answer: C

24. A network planner is designing a solution for a company that has a head office and 50 branch offices. The company currently uses private lines to connect the branch offices to the head office. The internet connection setup at the head office consists of a router and a firewall, which are bottlenecks. The CEO wants to use a VPN instead of the leased lines.

What is the best solution for the head office?

- A. Use the VPN Router between the router and firewall.
- B. Use the VPN Router behind the firewall, in place of the router.
- C. Use the VPN Router to replace the existing router and firewall.
- D. Use the VPN Router behind the existing router, in place of the firewall.

Answer: C

25. A VPN Router will be added to a customer's network to allow for VPN tunnels. The initial plan is to have the VPN Router installed between an existing router; which is connected to the internet, and a firewall; which protects the private network.

What should you suggest to the customer to simplify the solution?

- A. Stay with the initial plan and suggest nothing more.
- B. Use the VPN Router to its full potential and remove the router.
- C. Use the VPN Router to its full potential and remove the firewall.
- D. Use the VPN Router to its full potential and remove the router and the firewall.

Answer: D

26. A company has a firewall and a router between its private LAN and a public Frame Relay WAN connection at its head office. The company has a requirement to add 1000 tunnels using a VPN Router.

What is the most cost effective solution?

- A. Replace the router and firewall with a VPN Router 2750 and connect directly to the Frame Relay network.
- B. Replace the router and firewall with a VPN Router 5000 and connect directly to the public Frame Relay network.
- C. Replace the firewall with a VPN Router 5000, but maintain the router to support the Frame Relay WAN connection.
- D. Maintain the router and firewall for the existing infrastructure and add a VPN Router 1750 to support the 1000 VPN tunnels.

Answer: A

27. A customer has a VPN Router 1750 with two private interfaces and one public interface. Interface filters are enabled, and the interface filters allow devices on the two private LANS to access each other.

The customer now has a requirement for a more complex security policy.

What is the option for the customer that will be most efficient on the VPN Router?

- A. Add rules to the current interface filters.
- B. Use the VPN Router Stateful Firewall and enable tunnel filters.
- C. Use the VPN Router Stateful Firewall and disable tunnel filters.
- D. Add rules to the current interface filters and disable tunnel filters.

Answer: C

28. A customer has two VPN Router 2750s at corporate headquarters. The routers have been used for remote user connections. They want to allow their partners to connect by Branch Office tunnel, and they want some failover when one of the 2750s is down.

What do you suggest for the remote offices for redundancy?

- A. 600 at each end, running OSPF, and VRRP
- B. 600 at the SOHO with route policies configured
- C. 600 at the SOHO with static branch failover configured
- D. 600 at the remote offices configured as Control Tunnels

Answer: C

29. A customer currently has a VPN Router solution that includes 100 VPN Routers. After a company re-organization, they have decided to go with an out-source company to manage the routers.

What is the best option for the out-source Network Operations Center (NOC) to manage this?

- A. Dual VPN Router 600 at the NOC.
- B. VPN Router 1750 at the NOC with control tunnels to each site.
- C. Install the VPN Router Client on all NOC computers and configure user control tunnel to each site.
- D. VPN Router 1750 at NOC and VPN Router Client at the customer site with user control tunnel to NOC.

Answer: B

30. A customer is using a VPN Router to connect to the internet.

Which additional functions can the VPN Router be used for?

- A. a layer-3 router, a HTTP proxy server and a firewall
- B. a firewall, a layer-3 router and a VPN termination point
- C. a VPN termination point, a layer-2 switch and a firewall
- D. a layer-2 switch, a layer-3 router and a VPN termination point

Answer: B



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