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Vendor:Cisco

Exam Code:300-101

Exam Name:Implementing Cisco IP Routing

Version:Demo

QUESTION 1

Under which circumstance can TCP starvation occur?

- A. when DNS and TFTP traffic are transmitted on the same link
- B. when TCP traffic is blocked by an ACL
- C. when UDP traffic is processed in a policy-map before TCP traffic
- D. when Http and Https traffic are transmitted on the same link
- E. when TCP and UDP traffic are mixed in the same class of service

Correct Answer: E

QUESTION 2

which type of information is displayed when a network engineer executes the show track 1 command on the router?

- A. information about tracking list 1.
- B. time to next poll for track object 1.
- C. information about the IP route track table.
- D. tracking information statistics.

Correct Answer: A

QUESTION 3

What is a key benefit of using a GRE tunnel to provide connectivity between branch offices and headquarters?

- A. authentication, integrity checking, and confidentiality
- B. less overhead
- C. dynamic routing over the tunnel
- D. granular QoS support
- E. open standard
- F. scalability

Correct Answer: C

QUESTION 4

The Cisco SA 500 Series Security Appliances are built specifically for businesses with less than 100 employees. What are three important benefits of this device? (Choose three.)

- A. business-grade firewall
- B. premium support via SMART net
- C. site-to-site VPN for remote offices
- D. Cisco IOS software-based
- E. email security
- F. XML support

Correct Answer: ACE

QUESTION 5

Which IOS commands can you use to limit the CPU impact of log generation and transmission on an IOS router?

- A. You can use the ip access-list logging interval command in conjunction with the logging rate-limit command
- B. You can use the ip access-list logging limit command in conjunction with the logging rate-interval command
- C. You can use the ip access-list syslog-logging interval command in conjunction with the logging rate- limit command
- D. You can use the ip access-list logged interval command in conjunction with the logging rate-limit command

Correct Answer: A

QUESTION 6

Which two commands do you need to implement on a router to support the pppoe client? (Choose Two)

- A. peer default ipaddress pool
- B. mtu
- C. bba-group pppoe
- D. pppoe enable group
- E. pppoe-clientdialer-pool-number

Correct Answer: BE

QUESTION 7

When using VLSM, which command must be in the EIGRP configuration for neighbor adjacency to work correctly?

- A. no shutdown
- B. no auto-summary
- C. shutdown
- D. ip summary

Correct Answer: B

QUESTION 8

Which three functionalities are specific to stateful NAT64? (Choose three)

- A. No constraint is put on the number of endpoints due to 1:N translation
- B. It requires IPv4-transalable IPv6 address1
- C. it helps ensure end-to-end address transparency and scalability
- D. A state or bindings are created on every unique translation
- E. It conserves IPv4 addresses

Correct Answer: ADE

QUESTION 9

Had a question about trap x.x.x.x snmp 2c public (A lot of question about snmp ?just learn how to configure snmp v3 and v2c) What is it means?

- A. community sting indicate SNMPv3
- B. private community between the router and the host
- C. read-only
- D. read-write

Correct Answer: C

QUESTION 10

A network engineer is trying to implement broadcast-based NTP in a network and executes the ntp broadcast client command. Assuming that an NTP server is already set up, what is the result of the command?

- A. It enables receiving NTP broadcasts on the interface where the command was executed.
- B. It enables receiving NTP broadcasts on all interfaces globally.
- C. It enables a device to be an NTP peer to another device.

D. It enables a device to receive NTP broadcast and unicast packets.

Correct Answer: A

The NTP service can be activated by entering any ntp command. When you use the ntp broadcast client command, the NTP service is activated (if it has not already been activated) and the device is configured to receive NTP broadcast packets on a specified interface simultaneously.

Command	Description
ntp broadcast client	Allows the system to receive NTP broadcast packets on an interface.

Reference: http://www.cisco.com/c/en/us/td/docs/ios-xml/ios/bsm/command/bsm-xe-3se-3850-cr-book/bsm-xe-3se-3850-cr-book_chapter_00.html

QUESTION 11

A network engineer is configuring two dedicated Internet connections within the Internet module. One connection is the primary connection to all wired business communications, while the other is the primary connection for all customer wireless traffic. If one of the links goes down, the affected traffic needs to be redirected to the redundant link. Which current technology should be deployed to monitor the scenario?

- A. IP SLA
- B. MMC
- C. IP SAA
- D. PBR

Correct Answer: A

QUESTION 12

Which two statements about GRE tunnel keys are true? (Choose two)

- A. They key ID must be the same on each device.
- B. They prevent the injection of unwanted frames.
- C. They prevent the injection of unwanted packets.
- D. They must be stored to a keychain.
- E. They provide the high level of security that is available.

Correct Answer: AC

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