



300-101^{Q&As}

Implementing Cisco IP Routing

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QUESTION 1

Which two functions are completely independent when implementing NAT64 over NAT-PT? (Choose two.)

- A. DNS
- B. NAT
- C. port redirection
- D. stateless translation
- E. session handling

Correct Answer: AB

Work Address Translation IPv6 to IPv4, or NAT64, technology facilitates communication between IPv6- only and IPv4-only hosts and networks (whether in a transit, an access, or an edge network). This solution allows both enterprises and ISPs to accelerate IPv6 adoption while simultaneously handling IPv4 address depletion. The DnS64 and NAT64 functions are completely separated, which is essential to the superiority of NAT64 over NAT-PT. Reference: http://www.cisco.com/c/en/us/products/collateral/ios-nx-os-software/enterprise-ipv6-solution/white_paper_c11-676278.html

QUESTION 2

Which command configures a PPPoE client and specifies dial-on-demand routing functionality?

- A. pppoe-client dial-pool-number
- B. PPPoE enable
- C. interface dialer 1
- D. encapsulation PPP

Correct Answer: A

QUESTION 3



```
R1
ip prefix-list ccnp1 seq 5 permit 10.1.48.0/24 le 24
ip prefix-list ccnp2 seq 5 permit 10.1.80.0/24 le 32
ip prefix-list ccnp3 seq 5 permit 10.1.64.0/24 le 24

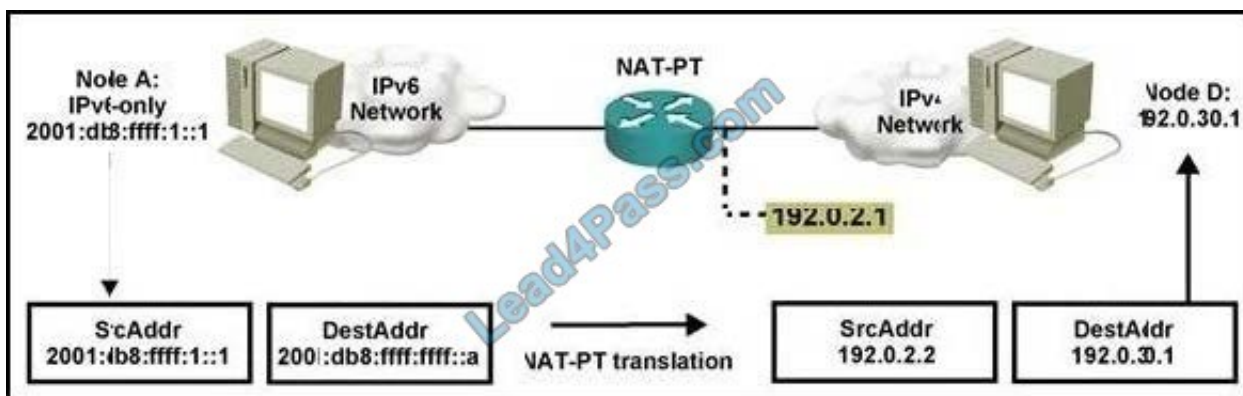
route-map ospf-to-eigrp permit 10
  match ip address prefix-list ccnp1
  set tag 10
route-map ospf-to-eigrp permit 20
  match ip address prefix-list ccnp2
  set tag 20
route-map ospf-to-eigrp permit 20
  match ip address prefix-list ccnp3
  set tag 30
```

Refer to the exhibit. How will R1 handle the route to network 10.1.60.0/24?

- A. R1 fails to tag the route.
- B. R1 sets a tag of 10.
- C. R1 sets a tag of 30.
- D. R1 sets a tag of 20.

Correct Answer: A

QUESTION 4



Refer to the exhibit, Which statement is correct regarding the operation of NAT-PT between the IPv4 and IPv6 networks shown?



- A. The router will determine the IPv4 destination address.
- B. The source IPv6 host can use DNS to determine the IPv6-to-IPv4 address mapping.
- C. The host is statically configured with the IPv6-to-IPv4 address mapping.
- D. ICMP can be used to determine the IPv6-to-IPv4 address mapping.

Correct Answer: B

QUESTION 5

Which two tasks must you perform to configure a BGP peer group ?choose two

- A. Configure the soft-update value
- B. Set the advertisement interval
- C. Assign neighbors to the peer group
- D. Activate each neighbor
- E. Activate the default route

Correct Answer: CD

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