



300-420^{Q&As}

Designing Cisco Enterprise Networks (ENSLD)

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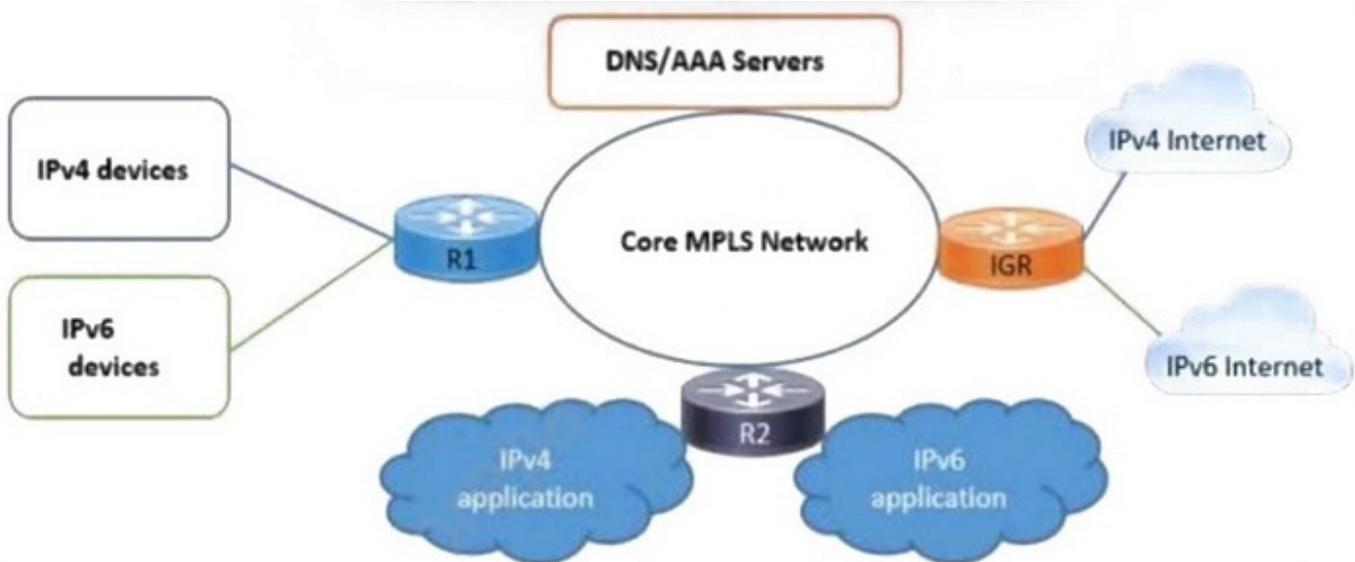
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QUESTION 1

Refer to the exhibit.



An architect must design an IPv6 migration solution for an enterprise customer to support these requirements:

1.
Clients will transition to the new IPv6 network, which provides NAT64 and IPv6 DNS resolution services, using the same DNS name that points to the IPv4 address.
2.
The service provider will create a client-facing IPv6 interface with a new IPv6 virtual address that points to the same IPv4 DNS server.
3.
The service provider will support clients that use global IPv6 addresses and encapsulate IPv4 packets into IPv6 tunnels.

Which two migration solutions must the architect choose? (Choose two.)

- A. Use dual-stack lite from the MPLS network to the IGR.
- B. Use IPv6 tunneling from the devices to the core MPLS network.
- C. Use dual-stack lite from the devices to the core MPLS network.
- D. Use NAT44/64 from the MPLS network to the IGR.
- E. Use NAT44/64 from the devices to the core MPLS network.

Correct Answer: CD

**QUESTION 2**

Which topology within a network underlay eliminates the need for first hop redundancy protocols while improving fault tolerance, increasing resiliency, and simplifying the network?

- A. virtualized topology
- B. routed access topology
- C. Layer 2 topology
- D. logical fabric topology

Correct Answer: B

QUESTION 3

Which two statements are true regarding SD-WAN demonstrations? (Choose two.)

- A. As a Cisco SD-WAN SE you should you should spend your time learning about the technology rather than contributing to demo innovation.
- B. Use demonstrations primarily for large opportunities and competitive situations
- C. During a demo, you should consider the target audience and the desired outcome
- D. During a demo, you should demonstrate and discuss what the team considers important details
- E. There is a big difference between demos that use a top down approach and demos that use a bottom up approach

Correct Answer: CE

QUESTION 4

A network engineer is redesigning a company's QoS solution. The company is currently using IP Precedence, but the engineer plans to move to DiffServ. It is important that the new solution provide backward compatibility with the current solution. Which technology should the design include?

- A. expedited forwarding
- B. assured forwarding
- C. class selector code points
- D. default per hop behavior

Correct Answer: C



QUESTION 5



A.

```
{
  "ietf-interfaces:interface": {
    "name": "Loopback0",
    "type": "iana-if-type:softwareLoopback",
    "enabled": true,
    "address_ipv4": {
      "ip": "172.16.15.12",
      "netmask": "255.255.255.255"
    }
  },
  "address_ipv6": {null}
}
```

B.

```
{
  "interface": "ietf-loopback" {
    "name": "Loopback0",
    "enabled": true,
    "address": "ipv4"
  }
  {
    "ip": "172.16.15.12",
    "netmask": "255.255.255.255"
  }
},
"address": "ipv6": {}
```

C.

```
{
  "ietf-interfaces:interface": {
    "name": "Loopback0",
    "type": "iana-if-type:softwareLoopback",
    "enabled": true,
    "address_ipv4": {
      "ip": "172.16.15.12",
      "netmask": "0.0.0.0"
    }
  },
  "address_ipv6": {}
}
```

D.

```
{
  "ietf-interfaces:interface": {
    "name": "Loopback0",
    "type": "iana-if-type:softwareLoopback",
    "enabled": true,
    "ietf-ip:ipv4": {
      "address": {
        "ip": "172.16.15.12",
        "netmask": "255.255.255.255"
      }
    },
    "ietf-ip:ipv6": {}
  }
}
```

A. Option A



B. Option B

C. Option C

D. Option D

Correct Answer: D

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