Cisco

352-011 Exam

Cisco Certified Design Expert Practical Exam

Question: 1

The cloud service provider CSP is planning to launch five data centers in Egypt, United Arab Emirates, Saudi Arabia, Qatar and Turkey. CSP is looking for VLAN extension and DCIs between these five data centers to allow for software replication, where original and backup VMs must be on the same subnet. Which tunneling technology must they use?

A. VPLS
B. IPsec VPN
C. VPWS
D. L2TPv3

Answer: A

Question: 2

As part of network design, two geographically separated data centers must be interconnected using Ethernet-over-MPLS pseudowire. The link between the sites is stable, the topology has no apparent loops, and the root bridges for the respective VLANs are stable and unchanging. Which aspect must be the part of the design to mitigate the risk of connectivity issues between the data centers?

A. Enable 802.1d on one data center, and 802.1w on the other.
B. Ensure that the spanning tree diameter for one or more VLANs is not too large.
C. Enable UDLD on the link between the data centers.
D. Enable root guard on the link between the data centers.

Answer: B

Question: 3

Which load balancing option for IP-only traffic is the least efficient in terms of EtherChannel physical links utilization?

A. On a per source IP address basis
B. On a per destination MAC address basis
C. On a per destination IP address basis
D. On a per port number basis

Answer: B

Question: 4

A service provider wants to use a controller to automate the provisioning of service function

chaining. Which two overlay technologies can be used with EVPN MP-BGP to create the service chains in the data center?

A. VXLAN
B. MPLS L2VPN
C. Provider Backbone Bridging EVPN
D. 802.1Q

Answer: A

Question: 5

Company ABC is using an Ethernet virtual circuit as its provider's DCI solution. A goal is to reduce the time to detect the link failure. Which protocol accomplishes this goal?

A. UDLD
B. Spanning tree bridge assurance
C. Link aggregation group
D. Ethernet OAM

Answer: D

Question: 6

ACME Corporation is integrating IPv6 into their network, which relies heavily on multicast distribution of data. Which two IPv6 integration technologies support IPv6 multicast? (Choose two.)

A. 6VPE
B. 6PE
C. dual stack
D. ISATAP
E. 6to4
F. IPv6INIP

Answer: C, E

Question: 7

What is an implication of using route reflectors in an iBGP topology?

A. Route reflection limits the total number of iBGP routers.
B. Route reflection causes traffic to flow in a hub-and-spoke fashion.
C. The manipulation of BGP attributes is not supported on the other routers than the route reflectors.
D. Route reflectors can create routing loops when more than one router reflector is used in the same cluster.
E. Multipath information is difficult to propagate in a route reflector topology.

Answer: E

Question: 8

What are two benefits of following a structured hierarchical and modular design? (Choose two.)

A. Each component can be designed independently for its role.
B. Each component can be managed independently based on its role.
C. Each component can be funded by different organizations based on its role.
D. Each component can support multiple roles based on the requirements.
E. Each component can provide redundancy for applications and services.

Answer: A, B

Question: 9

Which three options are important design functions of IPv6 first-hop security? (Choose three)

A. It prevents rogue DHCP servers farms assigning IPv6 addresses.
B. It prevents IPv6 packets fragmentation.
C. It limits IPv6 route the advertisement in the network.
D. It implements a broadcast-control mechanism.
E. It suppresses excessive multicast neighbor discovery.
F. It implements multihoming security.

Answer: A, C, E

Question: 10

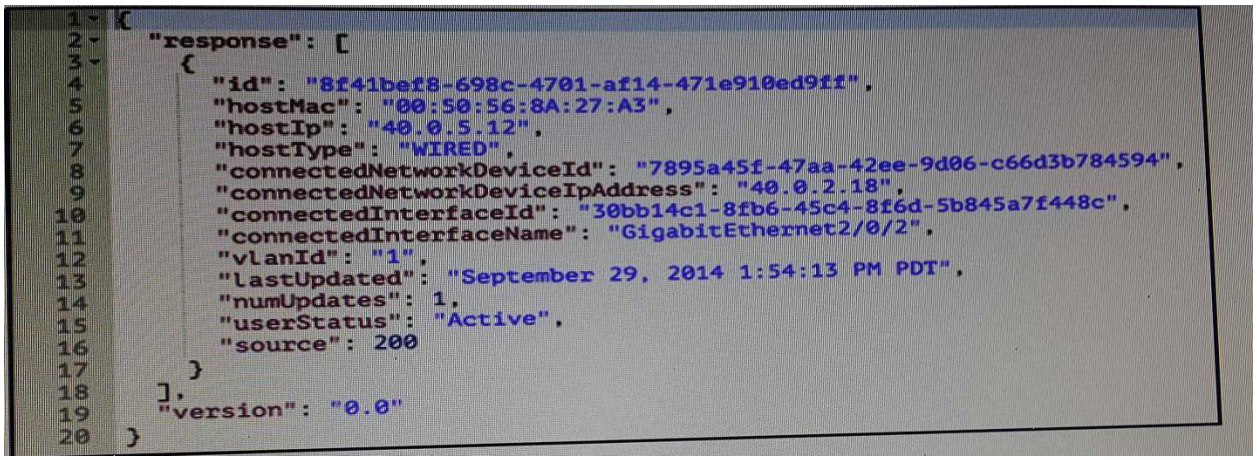
You have been asked to design a wireless network solution that will implement context-aware services on an existing network that was initially deployed for data traffic only. Which two design principles would you follow to increase the location accuracy with the least possible impact on the current setup? (Choose two.)

A. Use directional antennas to provide better cell separation.
B. Add access points along the perimeter of the coverage area.
C. Install additional APs in monitor mode where the co-channel interference would otherwise be affected.
D. Increase the AP density to create an average inter-access point distance of less than 40 ft.| 12.2meters
E. Fine tune the access point's radio configuration to have a higher average transmission power to achieve better coverage.

Answer: A, D

Question: 11

Refer to the exhibit.



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}
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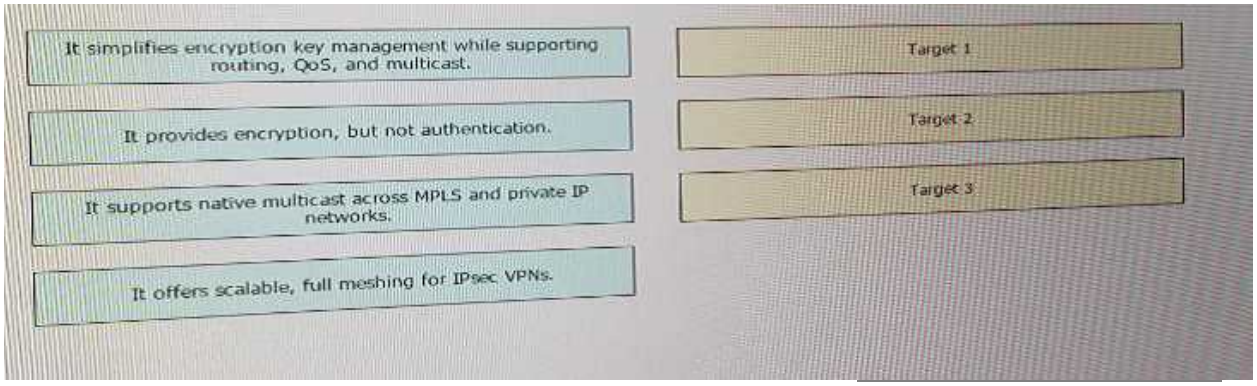
Which data format is used in this REST API call?

A. JSON
B. HTMLv5
C. HTML
D. XML
E. BASH

Answer: A

Question: 12

DRAG DROP
Drag and drop the design characteristics of GET VPN from the left to the right. Not all options are used.



Answer:

A, C, D

Question: 13

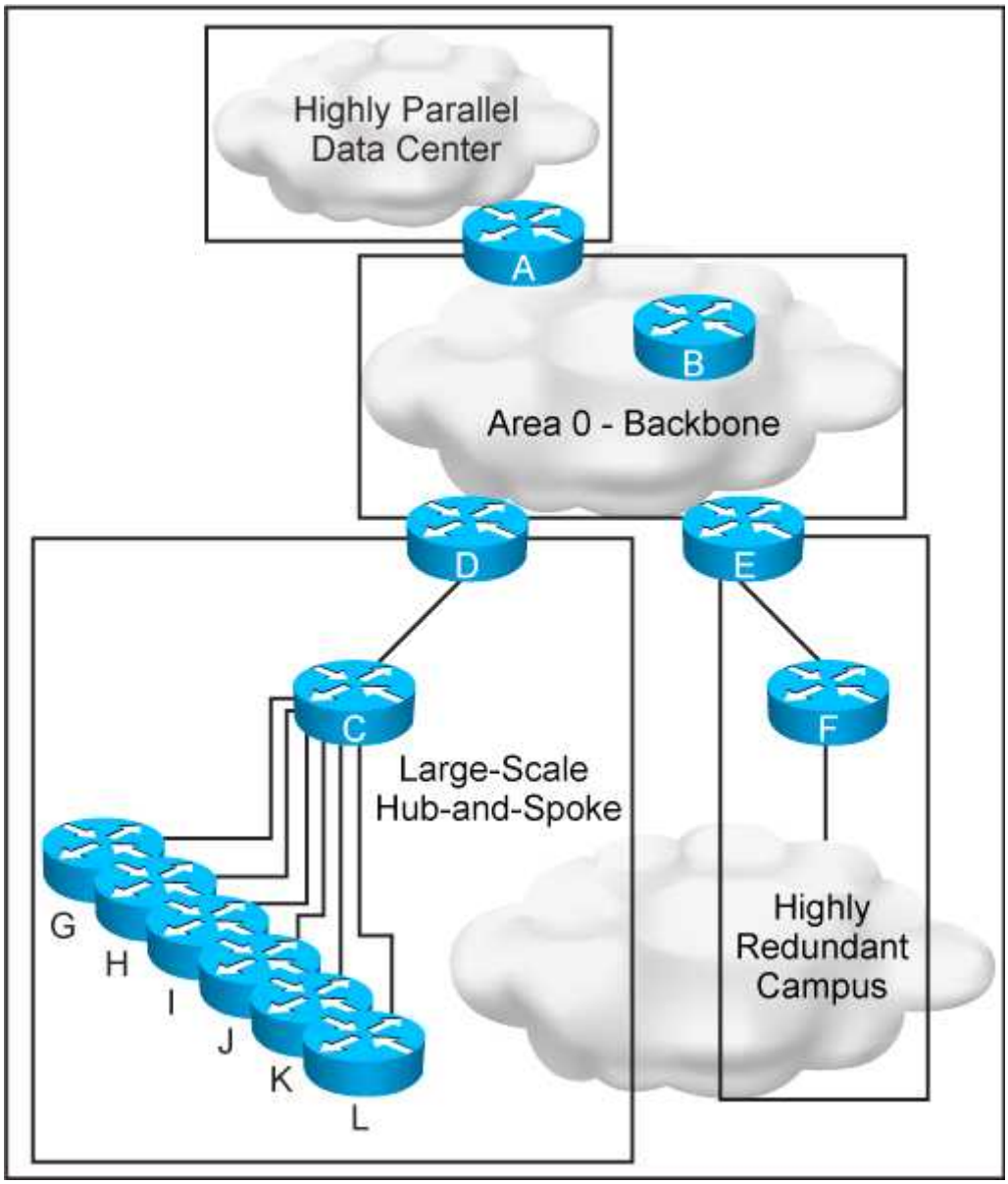
Which major block is not included in the ETSI network Function Virtualization reference framework?

A. Network Function Virtualization Infrastructure
B. Network Function Virtualization Management and Orchestration
C. Network Function Virtualization Policy Manager
D. Virtualized Network Function/ Element Management Systems

Answer: C

Question: 14

Refer to the exhibit.



This new OSPF network has four areas, but the hub-and-spoke area experiences frequent flapping. In order to fix this design failure, which two mechanisms can you use to isolate the data center area from the hub-and-spoke area without losing Ip connectivity? (Choose two)

A. Use OSPF distribute-list filtering on router A
B. Deploy a prefix summarization on router D
C. Make the data center area a NSSA
D. Make the data center area totally stub
E. Convert the data center area to EIGRP protocol

Answer: B, D

Question: 15

Which IEEE standard is commonly used at the data link layer for an access network, in an IoT environment?

A. Wireless Regional Area Network
B. Low-Rate Wireless Network
C. Wireless Local Area Network
D. Broadband wireless metropolitan Network

Answer: B