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➤ **Vendor: Cisco**

➤ **Exam Code: 300-420**

➤ **Exam Name: Designing Cisco Enterprise Networks (ENSLD)**

➤ **New Updated Questions from Braindump2go (Updated in August/2020)**

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QUESTION 28
Which two routing protocols allow for unequal cost load balancing? (Choose two.)

A. EIGRP
B. IS-IS
C. BGP
D. OSPF
E. RIPng

Answer: AC

QUESTION 29
Which two steps can be taken to improve convergence in an OSPF network? (Choose two.)

A. Use Bidirectional Forwarding Detection
B. Merge all the areas into one backbone area
C. Tune OSPF parameters
D. Make all non-backbone areas stub areas
E. Span the same IP network across multiple areas.

Answer: CD

QUESTION 30
A network administrator is troubleshooting a DMVPN setup between the hub and the spoke. Which action should the administrator take before troubleshooting the IPsec configuration?

A. Verify the GRE tunnels.
B. Verify ISAKMP.
C. Verify NHRP.
D. Verify crypto maps.

Answer: A

QUESTION 31
Which two options can you use to configure an EIGRP stub router? (Choose two)

A. summary-only
B. receive-only
C. external
D. summary

E.   totally-stubby
F.   not-so-stubby

Answer: BD

QUESTION 32
At which layer does Cisco Express Forwarding use adjacency tables to populate addressing information?

A.   Layer4
B.   Layer 2
C.   Layer 1
D.   Layer 3

Answer: B

QUESTION 33
Which design consideration should be observed when EIGRP is configured on Data Center switches?

A.   Perform manual summarization on all Layer 3 interfaces to minimize the size of the routing table.
B.   Prevent unnecessary EIGRP neighborships from forming across switch virtual interfaces.
C.   Lower EIGRP hello and hold timers to their minimum settings to ensure rapid route reconvergence.
D.   Configure multiple EIGRP autonomous systems to segment Data Center services and applications.

Answer: A

QUESTION 34
Which design consideration must be made when using IPv6 overlay tunnels?

A.   Overlay tunnels that connect isolated IPv6 networks can be considered a final IPv6 network architecture.
B.   Overlay tunnels should only be considered as a transition technique toward a permanent solution.
C.   Overlay tunnels can be configured only between border devices and require only the IPv6 protocol stack.
D.   Overlay tunneling encapsulates IPv4 packets in IPv6 packets for delivery across an IPv6 infrastructure.

Answer: C

QUESTION 35
When a network is designed using IS-IS protocol, which two circuit types are supported? (Choose two.)

A.   nonbroadcast multiaccess
B.   multiaccess
C.   point-to-multipoint
D.   nonbroadcast
E.   point-to-point

Answer: BE

QUESTION 36
What is an advantage of designing an out-of-band network management solution?

A. In the event of a production network outage, network devices can still be managed.
B. There is no separation between the production network and the management network.
C. In the event of a production network outage, it can be used as a backup network path.
D. It is less expensive than an in-band management solution

Answer: A

QUESTION 37
An engineer must propose a QoS architecture model that allows an application to inform the network of its traffic profile and to request a particular type of service to support its bandwidth and delay requirements.
The application requires consistent and dedicated bandwidth end to end. Which QoS architecture model meets these requirements?

A. DiffServ
B. LLQ
C. WRED
D. IntServ

Answer: D

QUESTION 38
Drag and Drop Question
Drag and drop the properties from the left onto the protocols they describe on the right.

Answer:

Explanation:
https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b_166_programmability_cg/b_166_programmability_cg_chapter_01011.html
https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/169/b_169_programmability_cg/configuring_yang_datamodel.html

QUESTION 39
Drag and Drop Question
Drag and drop the characteristics from the left onto the correct telemetry mode on the right.

Answer:

Explanation:
In a dial-in mode, the destination initiates a session to the router and subscribes to data to be streamed.
Dialin mode is supported over gRPC in only 64-bit platforms In a dial-out mode, the router initiates a session to the destinations based on the subscription.
All 64-bit IOS XR platforms (except for NCS 6000 series routers) support gRPC and TCP protocols. All 32-bit IOS XR platforms support only TCP.
Reference:
https://www.cisco.com/c/en/us/td/docs/iosxr/asr9000/telemetry/b-telemetry-cg-asr9000-61x/b-telemetry-cgasr9000-61x_chapter_010.html#id_36445