Vendor: Cisco

Exam Code: 300-320

Exam Name: Designing Cisco Network Service Architectures (ARCH)

Version: Demo

QUESTION 1
What is the primary benefit of deployment MPLS over the WAN as opposed to extending VRF-lite across the WAN?

A. convergence time
B. low operating expense
C. low latency
D. dynamic fault-tolerance

Correct Answer: B

QUESTION 2
An engineer wants to have a resilient access layer in data center so that switches on the access layer have separate physical connections to a pair of redundant distribution switches. Which technology achieves this goals?

A. PaGP
B. LACP
C. VSL
D. EVPC
E. VSS
F. ECMP

Correct Answer: E

QUESTION 3
Which of the following EIGRP configuration recommendation in layer 3-access switch?

A. Static route...
B. EIGRP stub...

Correct Answer: B

QUESTION 4
What is one function of key server in Cisco GETVPN deployment?

A. sending the RSA certificate
B. providing preshared keys
C. maintaining security polices
D. providing the group ID

Correct Answer: C

QUESTION 5
Company has asked for an OOB management network design. Which option is one Cisco best practice parameter that must be followed?

A. Data networks must be limited to SSH, NTP, FTP, SNMP and TaCACS+ protocols
B. Data networks must never traverse the management network

C. Data networks and management networks must be in the routing table
D. Data networks must traverse the management network as a backup path

Correct Answer: B

QUESTION 6
Which two values does EIGRP use to calculate the metric of a route in a converged EIGRP topology (choose two):

A. redundancy
B. bandwidth
C. cost
D. delay
E. hops

Correct Answer: BD

QUESTION 7
Which Routing protocol that provides unequal cost path with different metrics for load balancing purpose

A. Ospf
B. Eigrp
C. ISIS
D. BGP
E. RIP

Correct Answer: B
Explanation:
Traffic Sharing
EIGRP not only provides unequal cost path load balancing, but also intelligent load balancing, such as traffic sharing. In order to control how traffic is distributed among routes when there are multiple routes for the same destination network that have different costs, use the traffic-share balanced command. With the keyword balanced, the router distributes traffic proportionately to the ratios of the metrics that are associated with different routes.

QUESTION 8
A network link is going up and down rapidly, and it is hindering network performance and routing table stability. Which option can be configure to insulate against the performance impact of interface or link failure throughout the network?

A. Distributed Cisco Express Forwarding switching
B. Secondary IP addressing
C. route summarization
D. default route propagation

Correct Answer: C

QUESTION 9
An engineer has an implemented a QOS architecture that requires a signaling protocol to tell routers which flows of packets require special treatment. Which two mechanisms are important to establish and maintaining QOS architecture? (Choose two)

A. classification
B. tagging
C. packet scheduling
D. admission control
E. resource reservation

Correct Answer: DE

QUESTION 10
What results to connect 2 VSS routers on 10G card over Supervisor engine ports?

A. It will cause loop
B. Design lacks of hardware diversity

Correct Answer: B

QUESTION 11
Why IP MPLS has preference compared to VRF-Lite over WAN?

A. Distribute load balancing
B. Reliability
C. Opex - Cost
D. None of the above

Correct Answer: C

QUESTION 12
Which router device group summarizes for WAN sites on which level?

A. Core
B. Distribution
C. Access-layer within campus
D. Distribution in data center
E. WAN edge

Correct Answer: A

QUESTION 13
One-to-one ratio mapping for access switches close to servers.

A. ToR
B. EoR

Correct Answer: A

QUESTION 14
An engineer is designing a multitenant network that requires giving appropriate permission to limit access. Which policy you choose?

A. vty base policy
B. role base policy
C. Route map
D. RBAC

Correct Answer: A

QUESTION 15
Which Dual stack preferred protocol when configured?

A. IPV6
B. IPV4
C. IPX
D. None of the above

Correct Answer: A

QUESTION 16
What are the two main characteristic of 802.1x (choose 2)

A. EAP messages in Ethernet frames and don't use PPP
B. works only on wired connections
C. It's created by IETF
D. It's created by IEEE

Correct Answer: AD

QUESTION 17
Which ASA to action with Web traffic to treat both HTTP and HTTPS for local internet proxy?

A. Redirect traffic HTTP & HTTPS to WSA using wccp
B. Send traffic for inspection to CWS
C. Send traffic to a different port for http & https monitoring to WSA using L2TP.
D. Use IPS module in ASA for inspection

Correct Answer: A

QUESTION 18
How to choose the root bridge in the spanning-tree?

A. Highest MAC address
B. Lowest Mac address

Correct Answer: B
Explanation:

Lower priority means it is preferred compared to a higher. The priority is set in multiples of 4096. If there is a tie in priority then the lowest MAC address willdetermine which bridge becomes the root. To select the path to the root the cost to the root is calculated

QUESTION 19
A network engineer wants to segregate three interconnected campus network via IS-IS routing. A two-layer hierarchy must be used to support large routing domains to avoid more specific routes from each campus network being advertised to other campus network routers automatically.
What two actions should be taken to accomplish this segregation? (Choose two).

A. Assign a unique IS-IS NET value for each campus and configure internal campus routers with level 1 routing.
B. Designate two IS-IS routers from each campus to act as a Layer 1/Layer 2 backbone routers at the edge of each campus network.
C. Designate two IS-IS routers as BDR routers at the edge of each campus.
D. Assign similar router IDs to all routers within each campus.
E. Change the MTU sizes of the interface of each campus network router with a different value

Correct Answer: AB

QUESTION 20
Which technology you will use to connect 2 data centers and extend layer 2 VLANs? (choose 2)

A. OTV
B. VXLAN
C. FabricPath
D. IS-IS

Correct Answer: AC