Cisco

Exam Questions 352-001

CCDE Written Exam

NEW 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

NEW 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

NEW 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

NEW 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

NEW QUESTION 5
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

NEW QUESTION 6
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: ACE

NEW QUESTION 7
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: AD

NEW QUESTION 8
Refer to the exhibit.


```
 1 - {
 2 -     "response": [
 3 -         {
 4             "id": "8f41bef8-698c-4701-af14-471e910ed9ff",
 5             "hostMac": "00:50:56:8A:27:A3",
 6             "hostIp": "40.0.5.12",
 7             "hostType": "WIRED",
 8             "connectedNetworkDeviceId": "7895a45f-47aa-42ee-9d06-c66d3b784594",
 9             "connectedNetworkDeviceIpAddress": "40.0.2.18",
10             "connectedInterfaceId": "30bb14c1-8fb6-45c4-8f6d-5b845a7f448c",
11             "connectedInterfaceName": "GigabitEthernet2/0/2",
12             "vlanId": "1",
13             "LastUpdated": "September 29, 2014 1:54:13 PM PDT",
14             "numUpdates": 1,
15             "userStatus": "Active",
16             "source": 200
17         }
18     ],
19     "version": "0.0"
20 }
```

Which data format is used in this REST API call?

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

Answer: A

NEW QUESTION 9
DRAG DROP
Drag and drop the design characteristics of GET VPN from the left to the right. Not all options are used.

A. Mastered
B. Not Mastered

**Answer:** A

Explanation:
A, C, D

NEW QUESTION 10
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

NEW QUESTION 10
Refer to the exhibit.
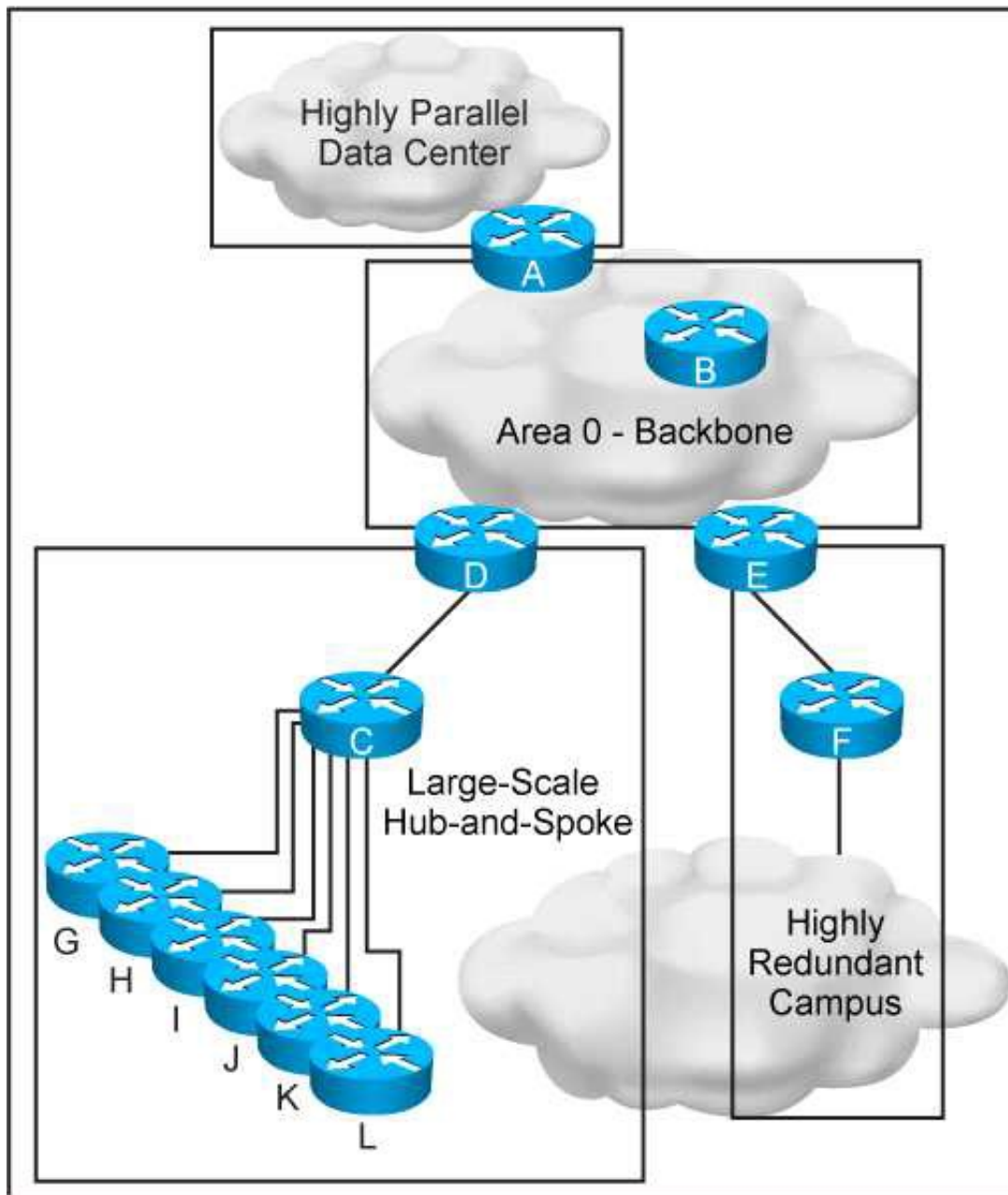
This new OSPF network has four areas, but the hub-and-spoke area experiences frequent flapping. In
order to fix this design failure, which two mechanisms can you use to isolate the data center area from the hub-and-spoke area without losing Ip connectivity?
(Choose two)

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: BD

NEW QUESTION 15
Which feature or technology that affects the operations of IPsec should be taken into account when
designing an IPsec network using Authentication header?

A. TCP MSS adjustment
B. Certificate-based authentication
C. Transform set
D. NAT

Answer: D

NEW QUESTION 19
Which option lists the cloud service models?

A. Internet as a Service, Platform as a Service, and Storage as a Service.
B. Infrastructure as a Service, Platform as a Service, and Storage as a Service.
C. Infrastructure as a Service, Platform as a Service, and Software as a Service.
D. Internet as a Service, Product as a Service, and Storage as a Service.
E. Internet as a Service, Platform as a Service, and Software as a Service.

Answer: C

**NEW QUESTION 22**
Refer to the exhibit.
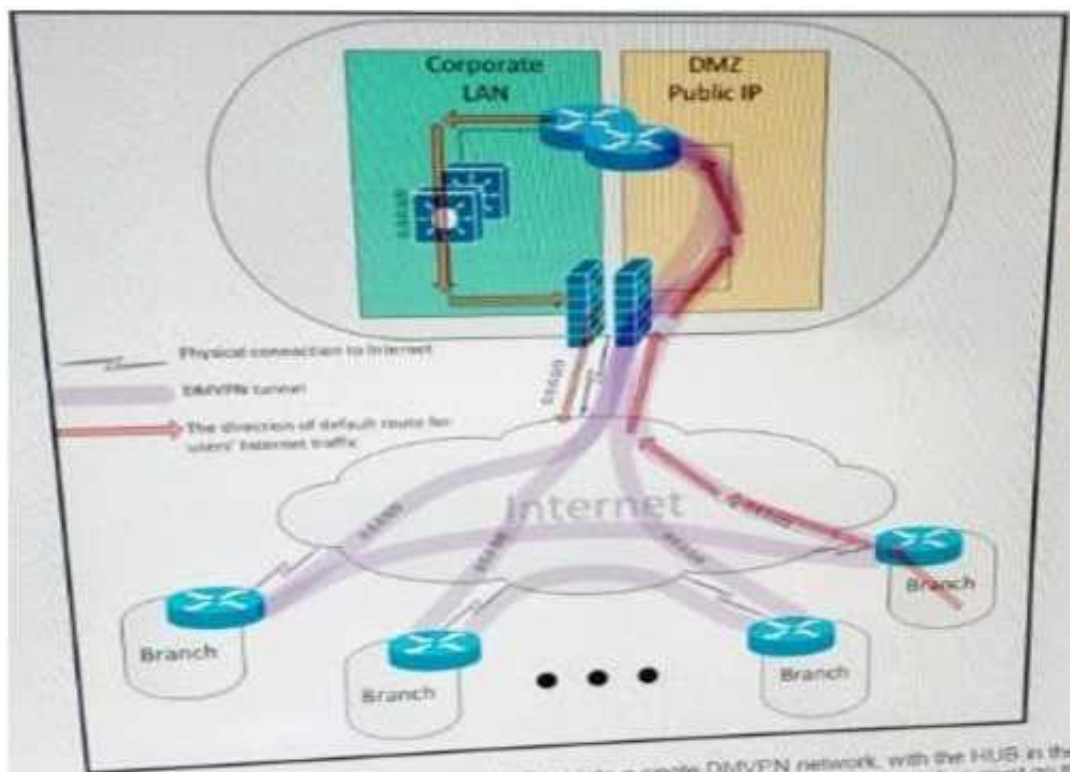
A customer interconnected hundreds of branch offices into a single DMVPN network, with the HUB
in the main data center. Due to security policies, the customer requires that the default route for all Internet traffic from the users at the branches must go through the tunnel and the only connections that are allowed to and from the branch router over the local internet circuit are the DMVPN tunnels. Which two combined actions must you take on the branch router to address these security requirements and keep the solution scalable? (Choose two)

A. Place the WAN interface in a front-door VRF, leaving the tunnel interface in the default routing instance
B. Protect the WAN interface by an inbound ACL that permits only IPsec-related traffic
C. Implement a zone-based firewall that allows only IPsec-related traffic from zone UNTRUSTED to zone TRUSTED
D. Add a host route for the public IP address of each remote branch and HUB routers that points directly to the local ISP, and add a default route that points to the tunnel
E. Use a floating default route with the preferred path over the tunnel and a backup path over the Internet natively

Answer: AB

NEW QUESTION 27
Refer to the exhibit.
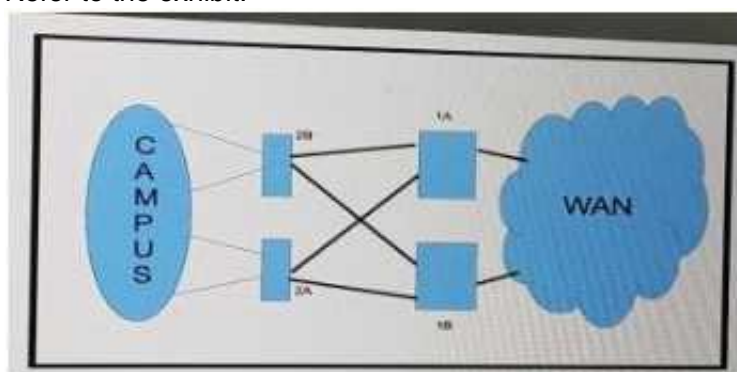
How should you redesign this network running BGP to improve availability of the routers 1A and 1B at the core site?

A. Deploy BGP PIC
B. Use link bundles over multiple slots
C. Enable graceful restart
D. Create a multichassis system with the two routers

Answer: A

NEW QUESTION 28
Which statement about TAP and TUN devices, which are used in a Linux/KVM cloud deployment
model, is true?

A. TUN is for handling IP packets, but TAP is for handling Ethernet frames
B. TUN is for handling Ethernet frames, but TAP is for handling IP packets
C. TUN is for tunneling IP packets, but TAP is for tapping IP packets
D. TUN is for tunneling Ethernet frames, but TAP is for tapping Ethernet frames

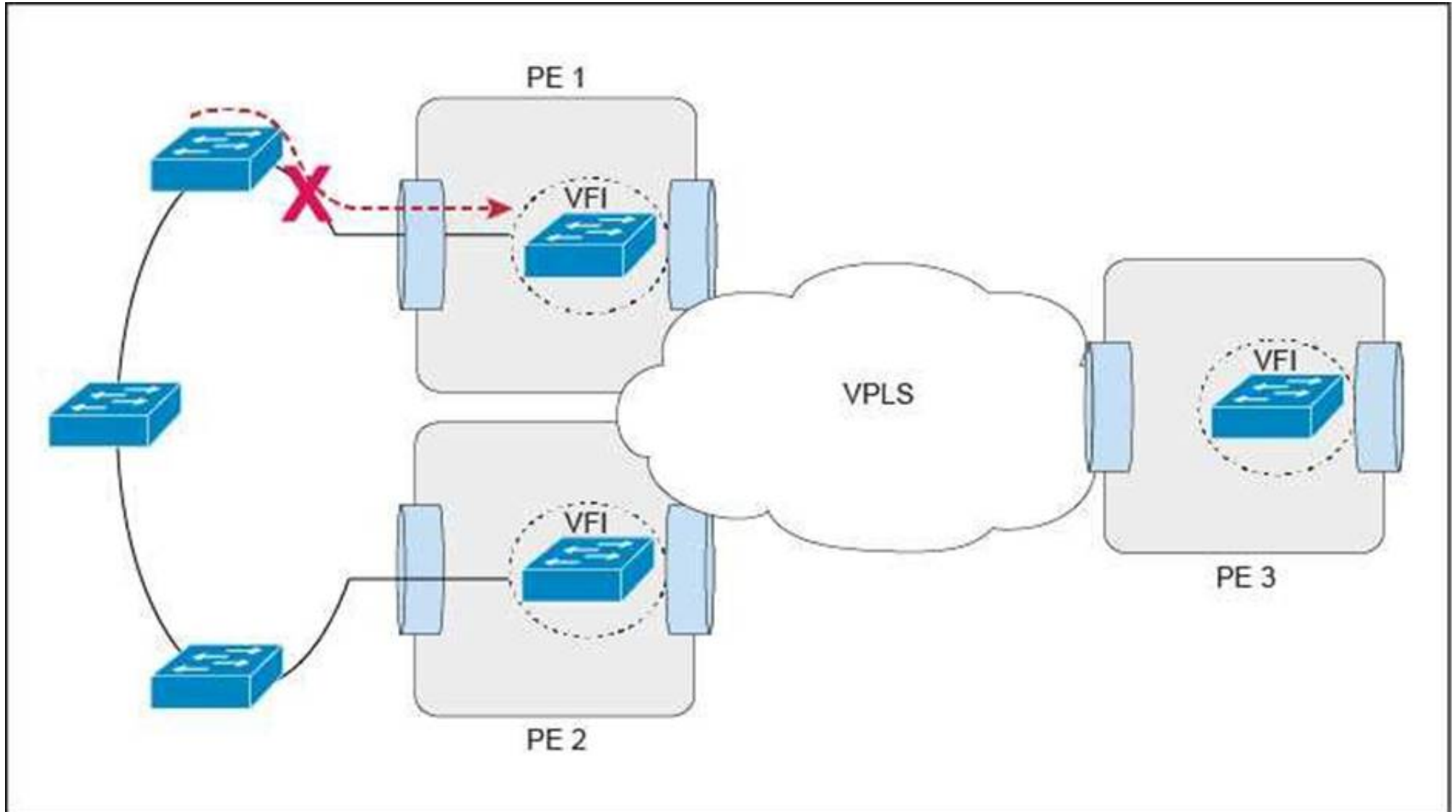**Answer:** A

NEW QUESTION 30
A regional ISP is running MPLS TE. These tunnels are configured manually using paths. Which
technology centralizes the traffic engineering decisions to reduce operational complexity?

A. BGP Link State
B. DiffServ-TE
C. TE autobandwidth
D. Shared Risk link Group

Answer: C

NEW QUESTION 32
Refer to the exhibit.

This Layer 2 ring has 10 VLANs with 1000 MAC addresses in each VLAN. Which protocol or mechanism provides the shortest traffic outage if the link marked with "X" fails?

A. Ethernet linear protection switching
B. PVRST
C. MST
D. Ethernet ring protection switching

Answer: D

NEW QUESTION 36
Which option is a design consideration when using routers in a distributed hardware architecture?

A. Routing information is stored in the RIB and the FIB makes forwarding decisions as programmedon the line card hardware
B. After a link failure occurs in the core, the RIB continues to forward the traffic while FIB convergence is in progress
C. BGP routes are stored in the RIB and IGP routes are stored in the FIB
D. IP routes are stored in the RIB and MPLS labels are stored in the FIB

Answer: A

NEW QUESTION 39
Refer to the Exhibit.
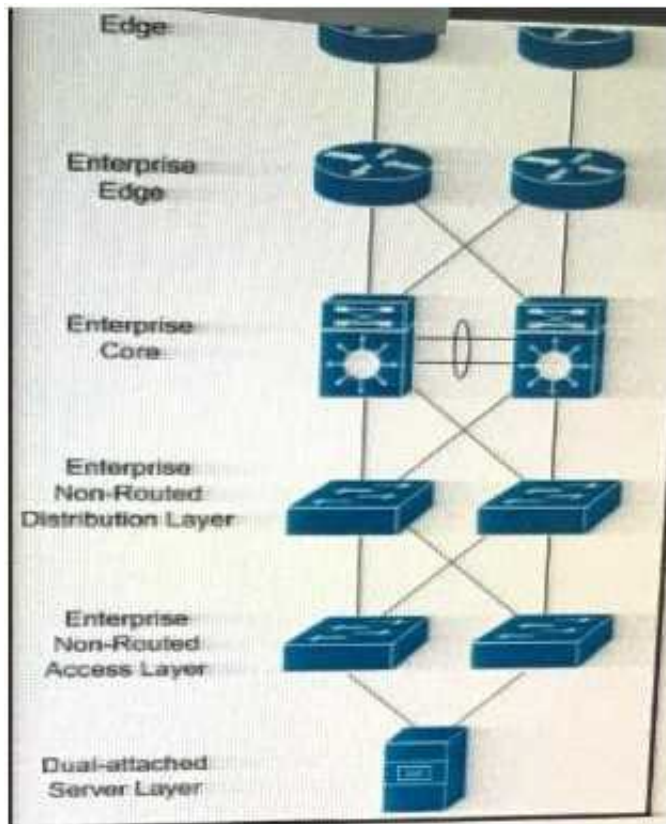
In which three Layers should you use nonstop Forwarding to reduce service impact in case of failure? (Choose three)

A. Enterprise Edge
B. Enterprise Core
C. Service provider Edge
D. Dual-attached sever Layer
E. Enterprise Non-Routed Access Layer
F. Enterprise Non-Routed Distribution Layer.

Answer: ABC

NEW QUESTION 40

Which technology , implemented on aggregation –edge nodes at the aggregation layer, provides per
–tenant isolation at Layer 3 , with separate dedicated per-tenant routing and forwarding tables on the inside interfaces of firewall contexts?

A. VDC
B. VLAN
C. VXLAN
D. VRF-lite

Answer: D

NEW QUESTION 44

A financial trading organization plans to monitor the network latency for multicast data feeds on a
hop-by-hop basis. Which technology should be added to their design to support this requirement?

A. SPAN
B. NBAR
C. IPFIX
D. Precision Time Protocol

Answer: D

NEW QUESTION 47

A very large enterprise customer is migrating from EIGRP to IS-IS .What is your main concern in
regards to change in the path packets take after the migration is complete?

A. The areas sizes.
B. The number of prefixes
C. The redistribution points.
D. The bandwidth and metrics of the links.

Answer: D

NEW QUESTION 51

A large enterprise network running IS-IS wants to deploy IGP traffic engineering, but they are concerned that the IS-IS default metrics are not flexible enough.
Which feature must be enabled to provide traffic engineering with the minimum amount of changes?

A. IS-IS Narrow Metrics
B. IS-IS DIS
C. IS-IS Wide Metrics
D. IS-IS Multitopology

Answer: C

NEW QUESTION 55
What is the definition of TOGAF framework?

A. A framework for enterprise IP address management (IPAM) based on the IANA trusted IP lease allocation scheme.
B. A series of tools for process improvement that uses statistical method to reduce defect in process and manufacturing.
C. A framework for enterprise architecture that provides a comprehensive approach for designing planning implementing and governing enterprise information architecture.
D. A five-volume framework for service management that covers design transition and delivery ofservice and from which the ISO 20000 was developed.
E. An ISO framework that establishes a module for network management and contains guidelines for managing object the management database and the application entity.

Answer: C

NEW QUESTION 57
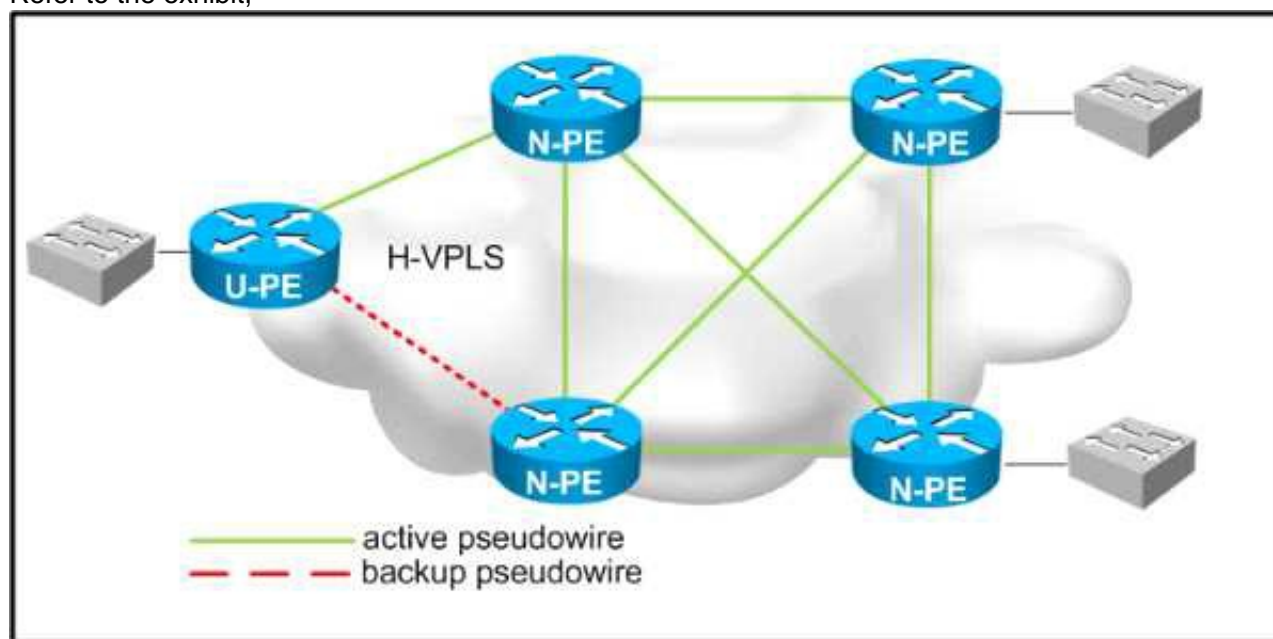A network designer wants to improve a company network design due to multiple network crashes.
Which technology would allow for the restore of a network connection without informing the Layer 3 protocol?

A. Bidirectional Forwarding Detection
B. automatic protection switching
C. UDLD
D. Ethernet OAM

Answer: B

NEW QUESTION 59
Refer to the exhibit,

Which two design considerations should be implemented on the pseudowire between N-PE and U-
PE routers for a loop-free hierarchical VPLS service? (Choose two)

A. Disable split horizon towards the U-PE router.
B. Disable MAC learning on the U-PE router.
C. Enable split horizon towards the N-PE routers.
D. Disable MAC learning on the U-PE routers.
E. Disable MAC learning on the U-PE routers.
F. Enable split horizon towards the U-PE routers.
G. Disable split horizon toward the N-PE routers.

Answer: AC

NEW QUESTION 60
A data center provider has designed a network using these requirements
Two data center sites are connected to the public internet
Both data centers are connected to different Internet providers
Both data centers are also directly connected with a private connection for the internal traffic can also be at this direct connection The data center provider has only /19 public IP address block
Under normal conditions, Internet traffic should be routed directly to the data center where the services are located. When one Internet connections fails to complete traffic for both data centers should be routed by using the remaining Internet connection in which two ways can this routing be achieved? (Choose two)

A. One /20 block is used for the first data center and the second /20 block is used for the second data cente
B. The /20 block from the local data center is sent out without path prepending and the /20 block from the remote data center is sent out with path prepending at both sites
C. One /20 block is used for the first data center and the second /20 block is used for the second data cente
D. Each /20 block is only sent out locall
E. The /19 block is sent out at both Internet connections for the backup case to reroute the traffic through the remaining internet connection
F. One /20 block is used for the first data center and the second /20 block is used for the second data cente
G. The /20 block from the local data center is sent out with a low BGP local preference and the/20 block from the remote data center is sent out with a higher BGP local preference of both sites
H. BGP will always load-balance the traffic to both data center sites
I. One /20 block is used for the first data center and the second /20 block is used for the second data cente
J. The /20 block from the local data center is sent out with a low BGP weight and the /20 block from the remote data center is sent out with a higher BGP weight at both sites

K. The data center provider must have an additional public IP address block for this routing

Answer: AB

NEW QUESTION 61
An ISP provides VoIP and internet services to its customers. For security reasons, these services must
be transported in different MPLS Layer 3 VPNs over the ISP core network. The customer CEs do not have the ability to segment the services using different VLANs and have only one uplink interface that does not support VLAN tagging. How should you design the network to ensure that VoIP traffic that is received from the CE goes in the VoIP VPN, and that Internet traffic goes into the Internet VPN on the ISP PE devices?

A. Use a secondary interface IP address to differentiate between VoIP and Internet traffic
B. Extend the Layer 3 VPN toward the CE
C. Enable NBAR on the PE to direct the traffic into the correct VRF
D. Use a subinterface on the PE for each service, VoIP and Internet, with different subnets
E. Use policy-based routing to direct traffic into the correct VRF

Answer: E

NEW QUESTION 65
Which mechanism should be added to a network design to identify unidirectional Spanning Tree
Protocol failures through BPDU loss?

A. Root guard
B. BPDU guard
C. Loop guard
D. UDLD

Answer: C

NEW QUESTION 66
You are presented with requirements to design a development, testing and production environments. These environment should communicate with each other, yet they should be kept as separate failure domains. Which routing protocol should be configured on the links between the networks to support the design requirements?

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

Answer: D

NEW QUESTION 71
You are designing the QoS features for a large enterprise network that includes DMVPN. In which situation should you use the QoS pre-classify feature?

A. When you are marking packets with the ToS bits
B. When the QoS policy cannot be based on DSCP bits
C. When you are marking packets with the DSCP bits
D. When your service provider requires the DSCP bits be set

Answer: B

NEW QUESTION 74
At which two networks points is route summarization supported? (Choose two)

A. At EIGRP AS boundaries
B. At EIGRP interface boundaries
C. At OSPF virtual-link boundaries
D. At EIGRP are boundaries
E. At OSPF area boundaries
F. At EIGRP stub interface boundaries

Answer: BE

NEW QUESTION 79
A Company has these requirements for access to their wireless and wired corporate LANs using
802.1x Clients devices that corporate assets and have joined the active directory domain are allowed access Personal devices must be not allowed access Clients and access servers must be mutually authenticated. Which solution meets these requirements?

A. Protected EAP/Microsoft CHAP v2 with user authentication
B. EAP-TLS with machine authentication
C. EAP-TLS with user authentication
D. Protected EAP/Microsoft CHAP v2 with Machine authentication

Answer: B

NEW QUESTION 80
What is a correct design consideration of IPv6 MLD snooping?

A. MLD snooping conserves bandwidth on switches.
B. MLD snooping is used to filter all MLD queries.
C. MLD snooping requires IGMP snooping to be implemented.
D. MLD snooping conserves CPU by sharing IPv4 and IPv6 multicast topology.

Answer: A

NEW QUESTION 83
In an OSPF network, users in a particular OSPF non-backbone area are complaining about show
access speeds to a shared corporate resource in another OSPF area. Traceroutes show that the users are taking a suboptimal default route to the destinations. Which solution will improve access speed?

A. Make the area totally stubby so that the default can be followed along the best path
B. Create a virtual link between the areas so that traffic can shortcut directly between them
C. Leak specific summaries on the ABRs for the remote subnets in addition to the default
D. Implement policy routing to channel the traffic in the optimal direction

Answer: C

NEW QUESTION 88
You are designing a data center migration from one location to another, which requires all existing
VLANs spanned to the new data center to maintain host IP addressing. Two temporary Gigabit Ethernet circuits are available to extend the VLANs at Layer 2 to the location as trunk links between core switches in each location. Which solution provides maximum fault isolation between the two data centers to ensure a Layer Issue in one data center does not affect the other during the migration?

A. Perform BPDU filtering over the trunk links
B. Enable STP PortFast on host ports within each data center
C. Run the dual links as multichassis Etherchannel trunk between core switches within each location
D. Perform HSRP filtering over the trunk links to maintain active HSRP gateways within each data center for each VLAN

Answer: A

NEW QUESTION 90
A BGP route reflector in the network is talking longer than expected to converge during network
changes. Troubleshooting has shown that the router cannot handle all the TCP acknowledgements during route updates. Which action can be performed to tune device performance?

A. Increase the size of the large buffers
B. Decrease the size of the small buffers
C. Increase the keepalive timers for each BGP neighbor
D. Increase the size of the hold queue

Answer: D

NEW QUESTION 95
A large enterprise network has two data centers and a WLAN edge with a large hub-and spoke
network. The complete network is configured as a single OSPF area, and spoke routers are connected to unreliable WAN links. Which two changes should you make to deploy LSA on the spoke routers? (Choose two)

A. Place spoke routers in stub areas
B. Make the hub routers ABR
C. Make the hub routers ASBR
D. Place spoke routers in totally stubby areas
E. Keep the spoke routers in normal areas

Answer: BD

NEW QUESTION 99
A customer has a DMVPN network with EIGRP as the overlay protocol. EIGRP timers cannot be
shortened, yet the customer requires the detection of lost connectivity between neighbors in less than three seconds. Which action achieves this requirement?

A. Adjust the GRE keepalive timers
B. Enable BFD
C. Deploy IPsec dead peer detection
D. Adjust the NHRP timers.

Answer: B

NEW QUESTION 104
When designing a network .Which method can be used to control the exit point for traffic an autonomous system, at the layer 3 control plane?

A. Prepending AS path.
B. Tuning the multi-exit discriminator.
C. Setting the site of Origin extended community.

D. Tuning the metric of the under-tying IGP.

Answer: D

NEW QUESTION 108
Which two general SDN characteristics? (Choose two)

A. Southbound interfaces are interfaces used between the control plane and the date plane
B. OpenFlow is considered one of the first Northbound APIs used by SDN controllers
C. Northbound interfaces are open interfaces used between the control plane and the data plane
D. The separation of the control plane from the data plane
E. OVSDB is an application database management protocol

Answer: AD

NEW QUESTION 111
You work as a network designer for a company that is replacing their Frame Relay WAN with an MPLS
VPN service, where the PE-to-CE routing protocol is BGP. The company has 3000 routes in their distribution routers, and they would like to advertise their access routers through the MPLS network. Their service provider, however, only supports 1000 prefixes per VRF. Which two design solutions can be applied to ensure that your access routers will be able to reach all devices in your network? (Choose two.)

A. Configure the distribution routers to send a default route to the MPLS network
B. Configure null routes and aggregate routes for the prefixes in your network on the distribution routers
C. Summarize the routes on MPLS WAN interfaces of the distribution routers
D. Use prefix lists on the distribution routers to control which routes are sent to MPLS network
E. Configure the access routers to send a default route to the MPLS network

Answer: AC

NEW QUESTION 113
Refer to the exhibit.
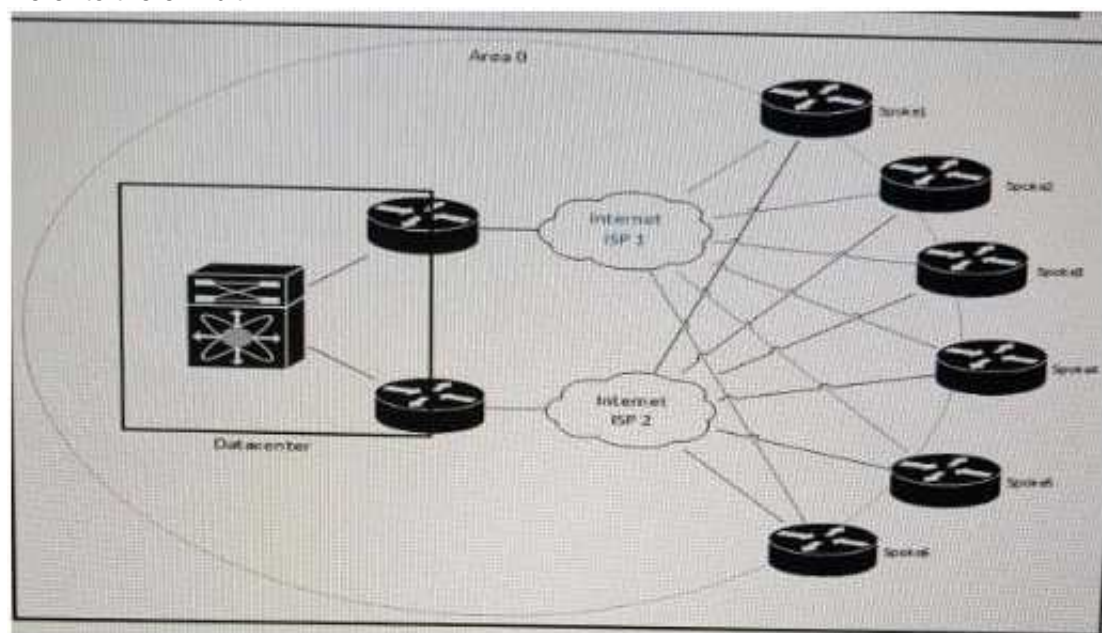
You must review this single OSPF area, DMVPN network because the company has noticed a few area 0 convergence and stability issues. Also, traffic destined to the data center from one of the spokes as the next hop on the path. The company prefers that all traffic destined to the data center uses the least amount of hops. Which solution resolves these issues with the minimum amount of changes on the network?

A. Migrate from OSPF to static routes between the hub routers and the spoke routers and deploy IP SLA for route health checks
B. Migrate from OSPF to EIGRP between the hub routers and the spoke routers
C. Modify OSPF cost metrics on all backup links
D. Create areas between each hub and their spoke routers, to ensure that the hub routers become DRs

Answer: C

NEW QUESTION 117
You are designing an IPv4 any source multicast redundancy solution. Which technology ensures the
quickest RP convergence?

A. Bootstrap router
B. MSDP anycast RP
C. Auto-RP
D. Embedded RP

Answer: B

NEW QUESTION 119
Which two options are design considerations when introducing FCoE into an existing network? (Choose two)

A. The FCoE QoS markings may overlap with call signaling QoS markings
B. Optical cabling is needed to transmit FCoE traffic between a server and its directly connected Ethernet switch
C. The existing network must support a MTU of 3280 bytes

D. Twinaxial cabling can be used to transmit FCoE traffic between a server and its directly connected Ethernet switch, if it is less than 10 meters
E. All the servers in the data center must be retrofitted with converged Network Adapters

Answer: AE

NEW QUESTION 120
Which three network management requirements are common practices in network design? (Choose
three)

A. Ensure that all network devices have their clocks synchronized.
B. Collect SNMP poll information for future regression analysis.
C. Capture both ingress and egress flow-based packets, while avoiding duplication of flows.
D. Look at average counters instead of instantaneous counters for inconsistent and bursty KPIs, such as CPU utilization and interface utilization.
E. Validate data plane health, and application and services availability, with synthetic traffic.

Answer: ABD

NEW QUESTION 122
Which option is a critical mechanism to optimize convergence speed when using MPLS FRR?

A. IGP timers
B. Bandwidth reservation
C. Shared risk link groups
D. Down detection

Answer: D

NEW QUESTION 124
Company ABC grew organically and now their single-area OSPF network has an unacceptably slow
convergence time after a topology change. To address the slow convergence time, they want to introduce a multiarea OSPF design and implement address summarization at the area border routers, which option should be their main concern about this redesign?

A. Routing is suboptimal
B. SPF calculation takes longer
C. Operations complexity is increased
D. More memory is needed across the routers on the network

Answer: A

NEW QUESTION 127
You are asked to design an RSVP-TEL LSP protection solution for a large service provider network
.Which traffic protection mechanism is highly scalable and ensure that multiple LPS always terminate at the same merge point?

A. Shared explicit protection.
B. Detour LSPs.
C. 1:N protection.
D. 1:1 protection.

Answer: C

NEW QUESTION 128
Refer to the exhibit.
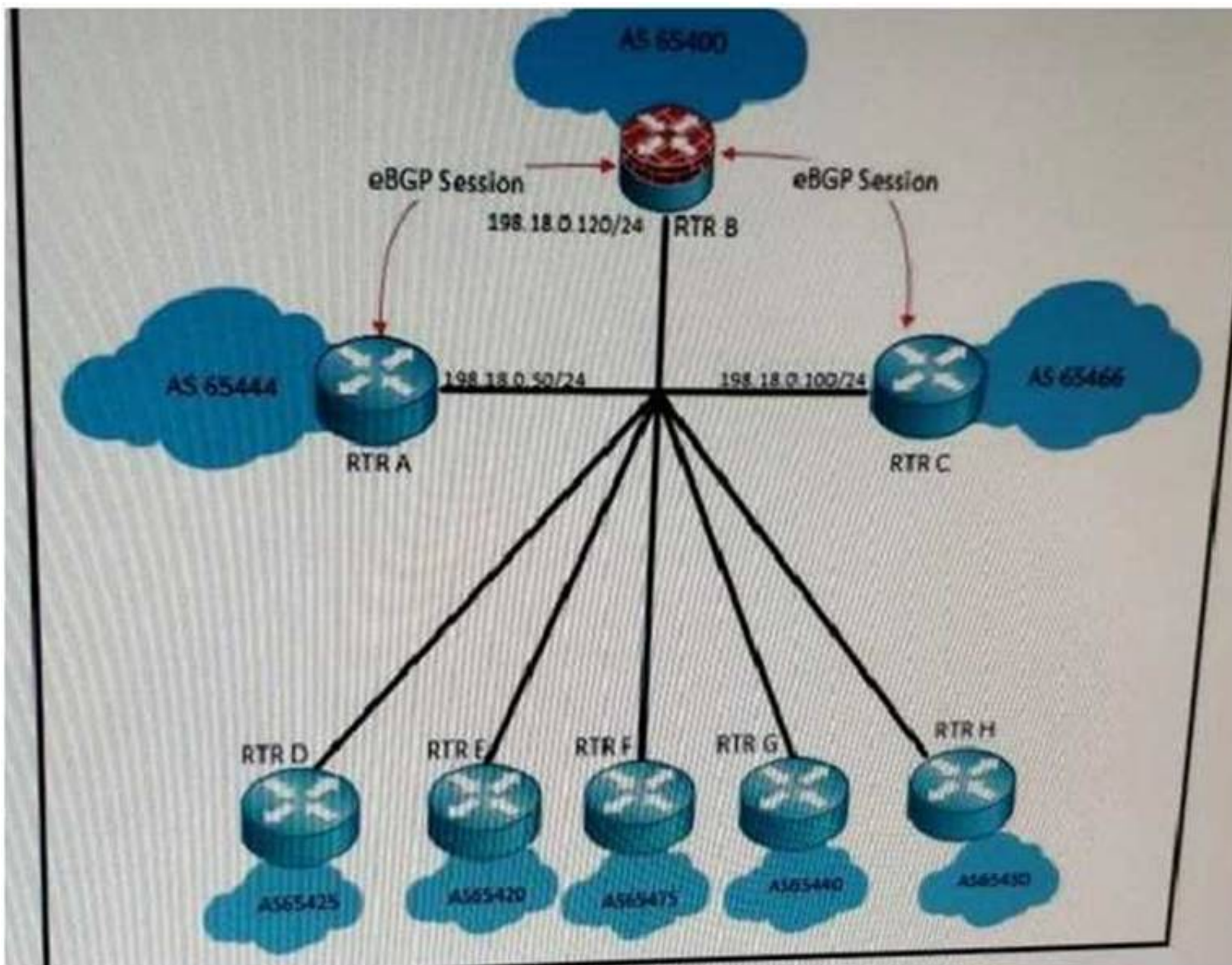
Transit traffic in this large enterprise campus network passes the eBGP core. Per security policy, traffic coming from AS 65444 destined for AS 65466 and vice-versa must pass through AS 65400. An audit discovers that traffic between 65444 and 65466 did not pass through 65400, instead it is communicating directly. How must you design BGP to ensure that the traffic from AS 65444 destined for AS 65466 passes through AS65400 on this broadcast network?

A. Apply an ACL on AS 65466 to drop the direct traffic between AS 65444 and AS 65466
B. Apply AS-path prepending on AS 65466 and AS 65444
C. Apply next-hop self on both BGP neighbors on AS 65400
D. Apply the MED attribute on the BGP session for AS 65444

Answer: C

NEW QUESTION 131
You must make IGP redesign recommendations for a client that has old equipment, with low CPU power and memory, that they do not have budget replace. They are very concerned about CPU load on routers. They are using IS-IS as the IGP in a single l1 area and all routers are connected to each other with point-to-point links. Which method do you recommend to reduce or limit CPU overhead caused by IS-IS?

A. Use mesh groups to limit flooding of LSAs
B. Implement wide style metrics for IS-IS on all routers
C. Select a router to act as a pseudowire to limit topology synchronization
D. Divide the router into multiple areas and implement address summarization

Answer: A

NEW QUESTION 134
You are hired to assist an enterprise customer to design their global WAN network. A protected
DWDM circuit with disjoint fiber routes and guaranteed restoration times is ordered to connect two hub sites. Which option is a BFD design consideration in relation to protected DWDM?

A. BFD failure detection must be faster than DWDM restoration time
B. The BFD hello timer must match the DWDM circuit restoration time
C. BFD failure detection must be longer than DWDM restoration time
D. BFD cannot be used with protected DWDM

Answer: C

NEW QUESTION 139
As a part of a network design, you should tighten security to prevent man-in-the-middle. Which two security options ensure that authorized ARP responses take place according to know IP-to-MAC address mapping? (Choose two)

A. DHCP snooping
B. ARP spoofing
C. ARP rate limiting
D. Dynamic ARP Inspection

E. Port security

Answer: AD

NEW QUESTION 140
.which two options are benefits of using Topology Independent Loop-Free Alternate in WAN design?
(Choose two)

A. It provides backup convergence for all topologies by avoiding the post-convergence path
B. It maximizes the network utilization by load-sharing across low bandwidth and edge links while IGP convergence is in progress
C. No additional protocols are required in the MPLS network because it uses LDP labels to signal the backup path
D. Although it requires enabling segment routing, SR does not have to be activated as the preferredforwarding method
E. It can provide backup paths for IPv4, IPv6 and LDP traffic

Answer: AE

NEW QUESTION 143
Refer to the exhibit.

This enterprise customer wants to stream one-way video from their head office to eight branch offices using multicast. Their current service provider provides a
Layer 3VPN solution and manages the CE routers, but they do not currently multicast. Which solution quickly allows this multicast
traffic to go through while allowing for future scalability?

A. Enable a GRE tunnel between nodes C1 and C4
B. Enable a GRE tunnel between nodes CE1 and CE2
C. Enable a GRE tunnel between nodes C2 and C4
D. Implement hub and spoke MPLS VPN over DMVPN(also known as 2547oDMVPN) between CE1 and CE2
E. The service provider must provide a Draft Rosen Solution to enable a GRE tunnel node PE1 and PE2

Answer: B

NEW QUESTION 144
You are performing a BGP design review for a service provider that offers MPLS-based services to
their end customers. The network is comprised of several PE routers that run iBGP with a pair of route reflectors for all BGP address families. Which two options
about the use of Constrained Route Distribution for BGP/MPLS VPNs are true? (Choose two.)

A. The RRs do not need to advertise any route target filter toward the PE routers
B. The RR must advertise the default route target filter toward the PE routers
C. Both PE and RR routers must support this feature
D. This feature must be enabled on all devices in the network at the same time
E. Route distinguishers are used to constrain routing updates

**Answer:** BC

NEW QUESTION 147
A customer requests that you determine how much of their remote branch traffic into a central data
center is related to a call manager that resides in the data center. Which solution do you recommend?

A. Enable NetFLow on branch routers
B. Enable netFlow on central data center routers
C. Perform SNMP polling of central data center routers
D. Perform SNMP polling of branch routers
E. Create an ACL on the local call manager switch with logging enabled
F. Span traffic from the switch port on the call manager to a data analyzer

Answer: B

**NEW QUESTION 152**
Refer to the exhibit.
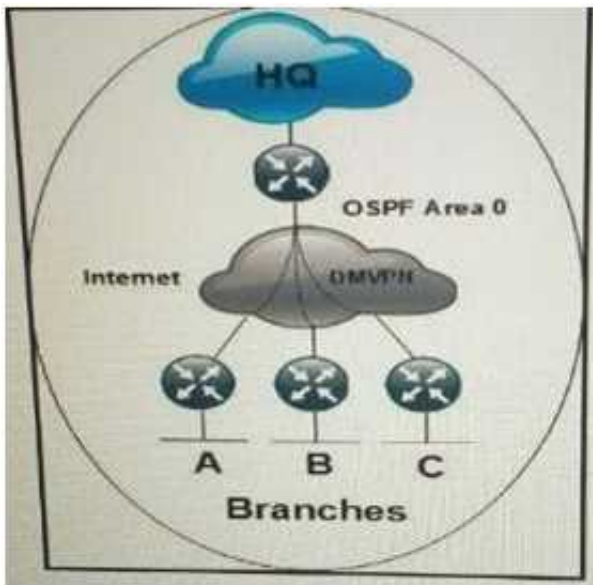
Each branch network must connect to the HQ and other branch networks over the phase 2 DMVPN network using a single tunnel interface. OSPF is running over the DMVPN network. Which network type is compatible with the DMVPN tunnel and ensures that the next hop of any route is unchanged?

A. Point-to-point
B. Point-to-multipoint
C. Broadcast
D. Nonbroadcast

Answer: C

NEW QUESTION 153
Refer to the exhibit.
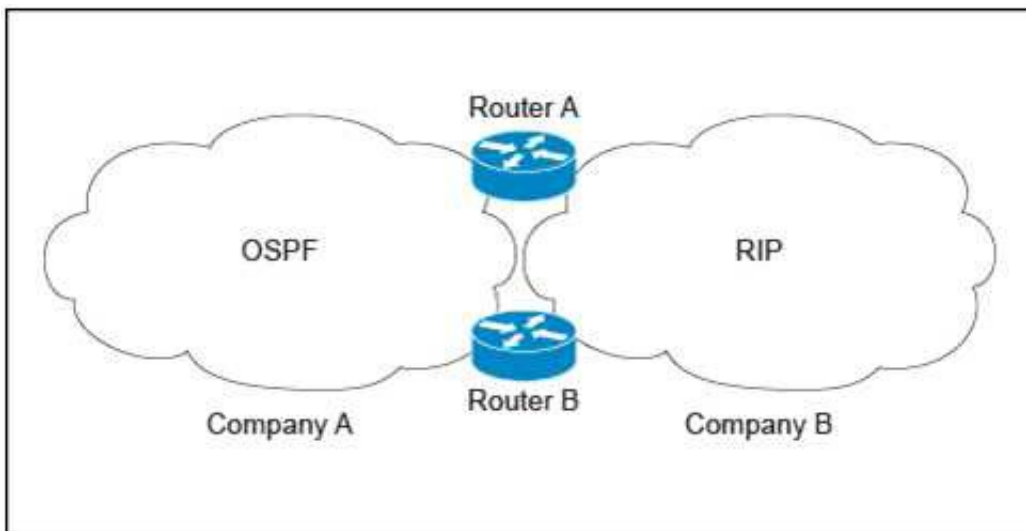
Company A is running a single-area OSPF, and Company B is running RIP as the IGP with no overlapping IP address spaces. Company A has just acquired Company B and both networks must be merged. Which three design components are recommended to guarantee connectivity and redundancy between the two networks? (Choose three.)

A. Enable mutual redistribution between OSPF and RIP on one border router.
B. Enable mutual redistribution between OSPF and RIP on Router A and Router B using route tags.
C. Increase the administrative distance to 130 for the OSPF external prefixes on Router A and Router B.
D. Implement an ACL on Router A and Router B to prevent OSPF external routes from being installed in the OSPF database.
E. Filter external routes on Router A and Router B based on route tags.

Answer: BCE

NEW QUESTION 158
Which two options are two advantages of summarizing networks at the aggregation layer rather than
at the core? (Choose two.)

A. It prevents the core from having unnecessary routes.
B. It no longer needs a core layer.
C. It prevents black hole routing.
D. It avoids network-wide impact upon VLAN changes local to the aggregation devices.
E. it allows for optimal routing

Answer: AD

NEW QUESTION 161
The service provider that you work for wants to offer IPv6 internet service to its customers without upgrading all of its access equipment to support IPv6, which transition technology do you recommend?
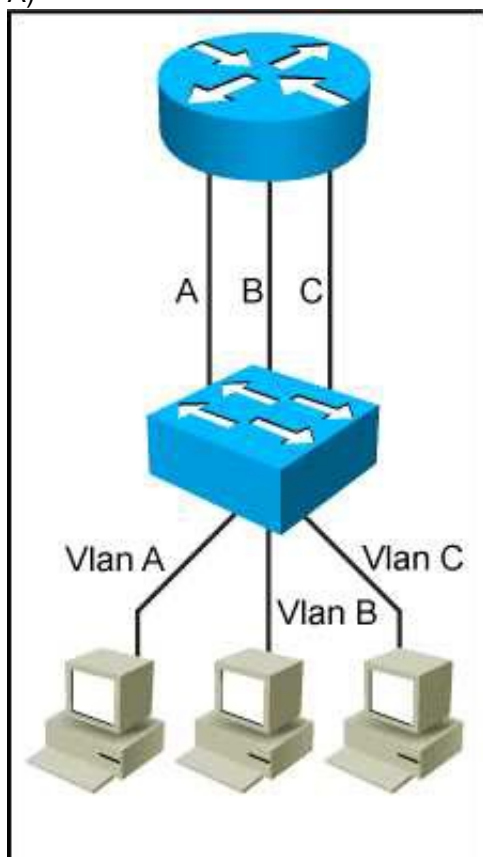
A. NAT64
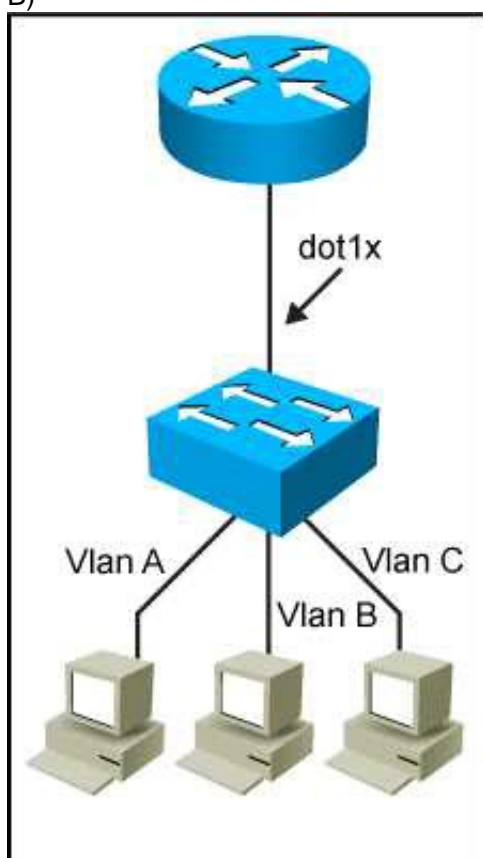B. CGN
C. Dual-stack CPE
D. 6RD

Answer: D

NEW QUESTION 165
Which network topology is characterized by a link fate-sharing situation?
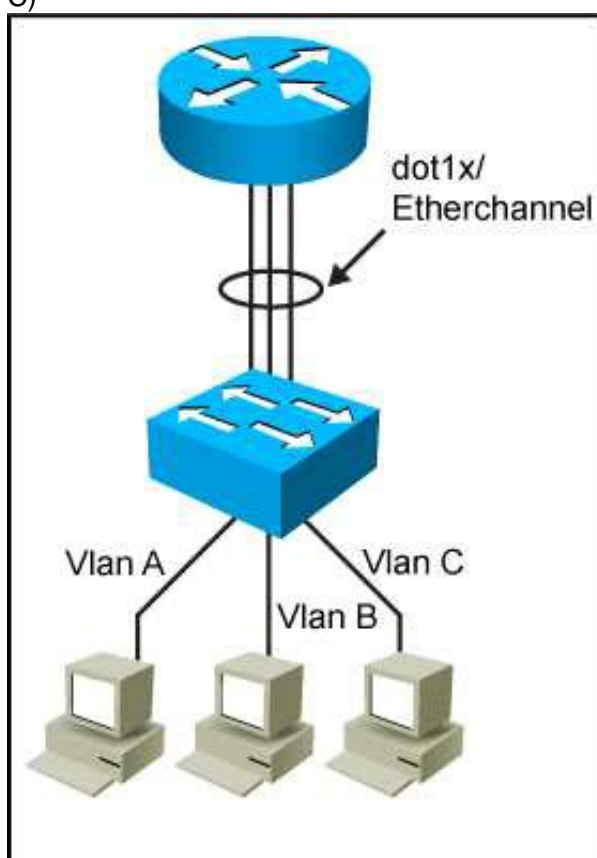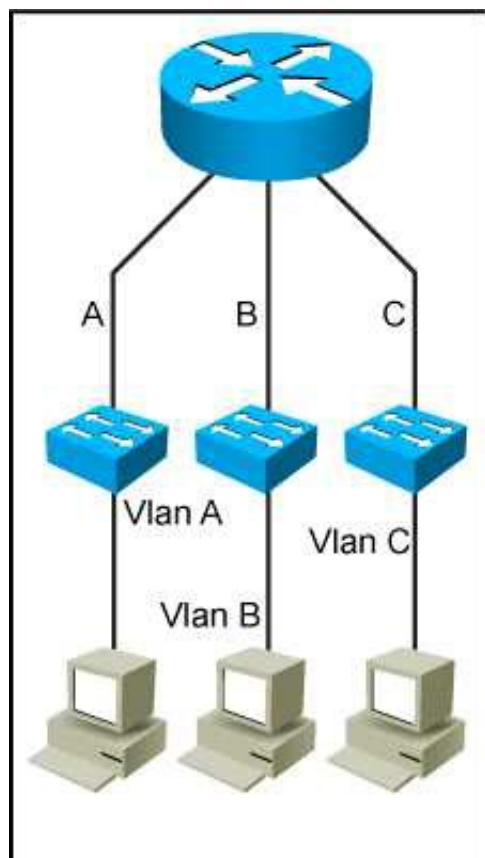
A)

B)

C)

D)

A. Exhibit A
B. Exhibit B
C. Exhibit C
D. Exhibit D

Answer: B

NEW QUESTION 169
What is a design aspect regarding multicast transport for MPLS Layer 3 VPNs using the Rosen Draft implementation?

A. LDP is the multicast control plane protocol.
B. Multicast traffic is forwarded over GRE tunnels.
C. Multicast traffic is forwarded over LDP or RSVP signaled LSPs.
D. Using the MDT SAFI in BGP ensures that PIM can be disabled in the core.

Answer: B

NEW QUESTION 170
Which native mechanism does OSPF use to prevent loops in MPLS VPNs?

A. CE devices that run OSPF set the DN bit toward the PE router
B. PE devices that run OSPF clear the DN bit toward the CE router
C. CE devices that run OSPF clear the DN bit toward the PE router
D. Creation of PE to PE OSPF sham link across the MPLS-created super backbone
E. PE routers verify OSPF domain IDs used by CE OSPF processes
F. PE devices that run OSPF set the DN bit toward the CE router

Answer: F

NEW QUESTION 173
An enterprise network has two core routers that connect to 200 distribution routers and uses full-
mesh iBGP peering between these routers as its routing method. The distribution routers are experiencing high CPU utilization due to the BGP process. Which design solution is the most effective?

A. Increase the memory on the distribution routers
B. Increase the memory on the core routers
C. Implement route reflectors on the two core routers
D. Increase bandwidth between the core routers
E. Implement eBGP between the core and distribution routers
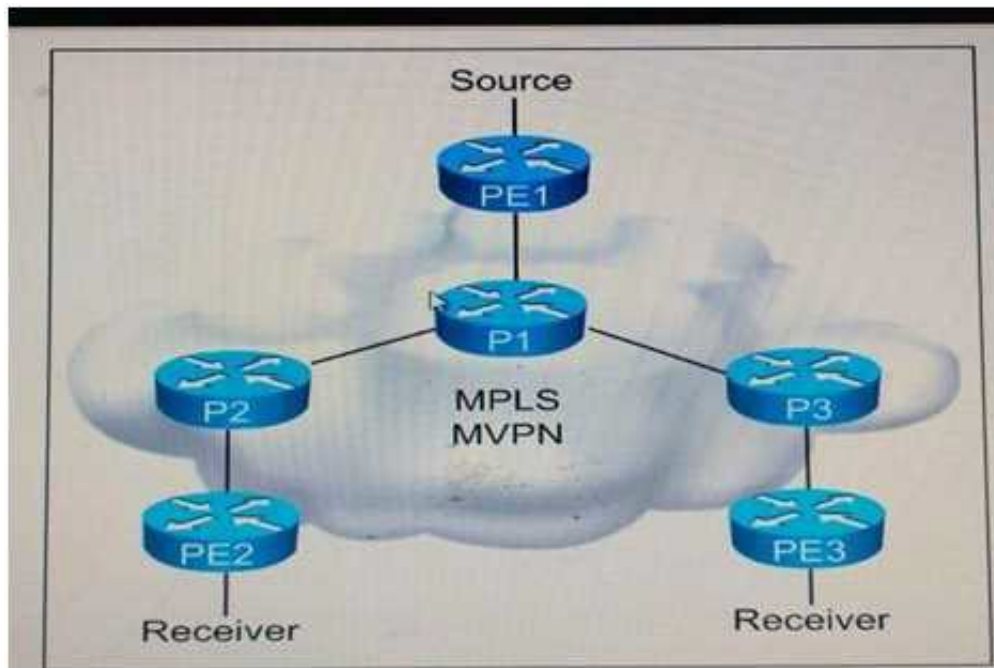
Answer: C

NEW QUESTION 175
Which two functions are performed at the distribution layer of the three-layer hierarchical network design model? (Choose two).

A. Fault isolation
B. QoS classification and marking boundary
C. Fast transport
D. Reliability
E. Load balancing

Answer: AE

NEW QUESTION 178
Refer to the exhibit.

You are a network designer who is given these design requirements: Multicast services must be provided for Layer 3 VPN customers
The same forwarding technology must be used as Layer 3 VPN unicast packets Replication of multicast traffic is not allowed on the ingress PE
Which multicast VPN technology conforms to the design requirements?

A. Multipoint-to-point LDP
B. MSDP
C. MLDP VPN
D. Rosen Draft using LDP

Answer: C

NEW QUESTION 182
Which options do you investigate first when designing fast network convergence?

A. Routing protocol database size
B. MTU of the involved interfaces
C. Link speed between sites
D. Supported Layer 3 failure detection mechanism

Answer: D

NEW QUESTION 184
Which mechanism enables small, unmanaged switches to plug into ports of access switches without
risking switch loops?

A. PortFast
B. UDLD
C. Root guard
D. BPDU guard

Answer: C

NEW QUESTION 185
Refer to the exhibit.
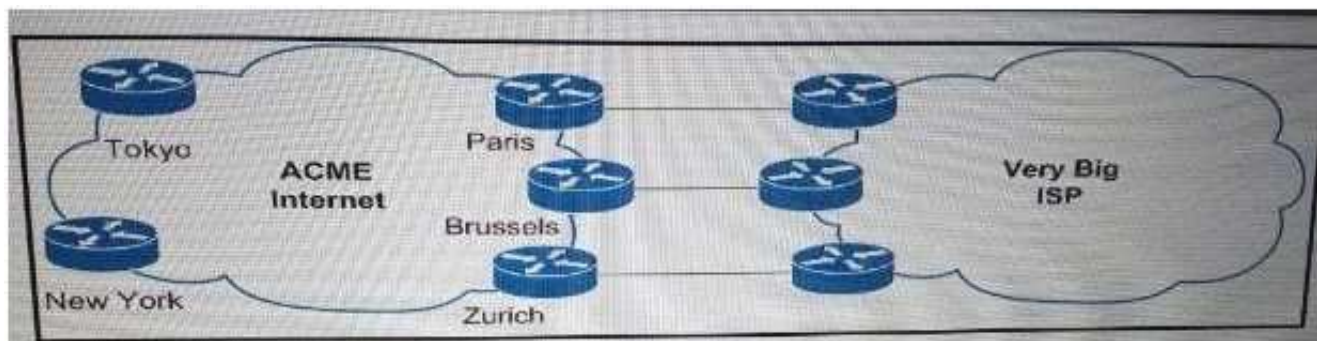
Service provider ACME Internet just added a 100 GB/s peering in Paris that it wants to use by default for outbound traffic to Big ISP. Which routing policy achieves
the desired outcomes?

A. Use traffic engineering by injecting a preferred LOCAL_PREF attribute to routes advertised from Very Big ISP in Paris
B. Apply an import policy in New York that adds a Weight attribute to routes learned from Very Big ISP via Paris
C. Apply an export policy in Paris by applying a MED or community attribute with a preference that very Big ISP act upon
D. Apply an import policy hat filters longer prefixes than /24 in Brussels and zurich

Answer: A

NEW QUESTION 187
Refer to the exhibit.
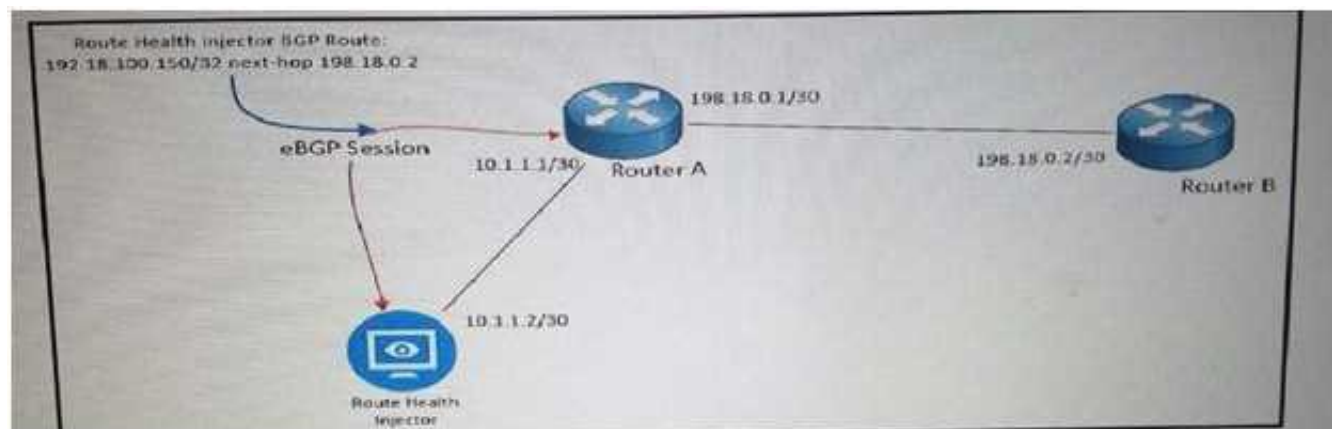
As part of your design to monitor reachable services, a route health injector has just been deployed on the network. The route health injector injects /32 host routes into BGP with the next hop of 192.18.0.2, but the /32 routes are not being installed into the RIB or FIB of Router

A. Which BGP feature must be deployed to make be deployed to make the design to work?
B. BGP community attributes
C. MP-BGP
D. BGP AS-Path prepending
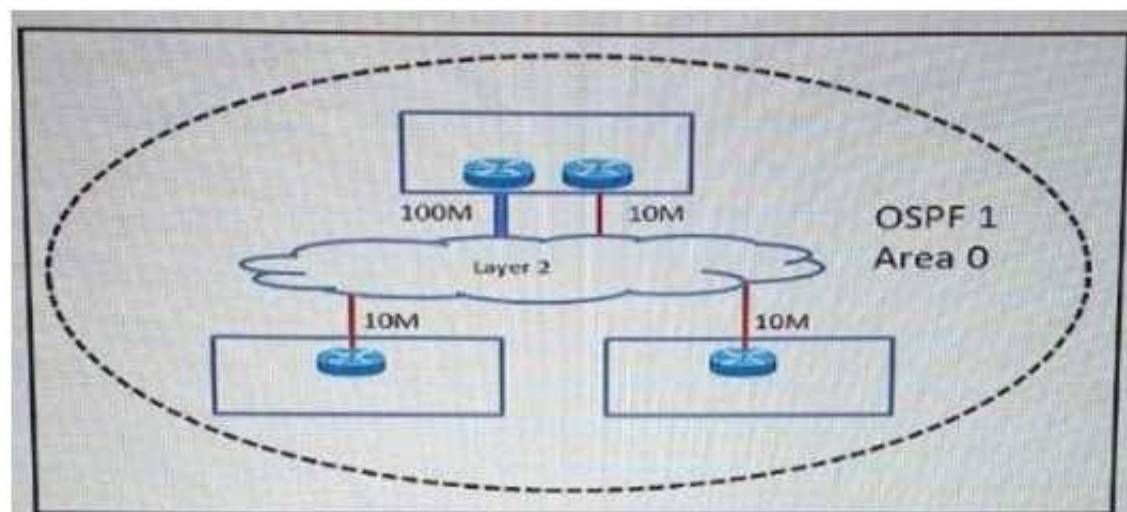E. eBGP multihop attribute

Answer: A

NEW QUESTION 189
Which main IoT migration aspect should be reviewed for a manufacturing plant?

A. Sensors
B. Security
C. Applications
D. Wi-Fi Infrastructure
E. Ethernet Switches

Answer: A

NEW QUESTION 191
Refer to the exhibit.

An enterprise has three sites over a Layer 2 Metro Ethernet ELAN service. 100Mb/s and 10 Mb/s links have been provisioned to provide redundancy for the head office. When OSPF routing enabled to provide connectivity and the correct bandwidth statement has been applied to each interface, the branch sites observe two equal-cost routes to the head office. The enterprise wants to send all traffic through the 100 Mb/s link and use the 10Mb/S link strictly as a backup. Which OSPF network type must be set to ensure that the head office 100 Mb/s circuit is preferred over the 10 Mb/s circuit, at the same time minimize the amount of configuration required on all of the routers throughout the network?

A. NBMA
B. Point-to-multipoint
C. Point-to-point
D. Broadcast

Answer: C

NEW QUESTION 192
You are redesigning a single-level IS-IS network with 500 routers, which have short-haul and long-haul links Most of the time the routing domain is stable, but periodically interfaces on long-haul links bounce for a short period of time , causing 10 to 20 flaps in a few minutes. The probable cause is local road construction. Although fast convergence important, the client has concerns about taxing CPU cycles on the older routing platforms. What change should you recommend that both protects the CPU of the older routers during the short periods of excessive flapping, yet does not have an impact on fast convergence for all interface failures?

A. Modify hello timers on routers with short-haul links
B. Implement LSP generation throttling on routers with long-haul links
C. Modify the length of time than an LSP remains in the router database without being refreshed on all routers
D. Implement a delay between successive IS-IS LSP packet transmissions on routers with long-haul links

Answer: D

NEW QUESTION 196
A retail company connects its 250 branches across the globe to the core using MPLS Layer 3 VPN. The company is planning to migrate its traditional telephony services to VoIp, in order to reduce the cost of international calls. What are the two primary concerns when implementing this migration? (Choose two)

A. Jitter
B. Call routing design
C. SRST
D. MTU
E. Available bandwidth

Answer: AE

NEW QUESTION 198
Which open source message broker is in the Cisco Cloud Center?

A. Apache kafka
B. HornetQ
C. RabbitMQ
D. Fuse Message Broker
E. Oracle Message Broker

Answer: C

NEW QUESTION 200
You are designing dual-homed active/active ISP connections from an enterprise customer for internet services, and you have recommended BGP between the customer and ISP. When three security mechanisms do you enable to secure the connection? (Choose three)

A. uRPF is strict mode
B. remote triggered black holes
C. IDS
D. GTSM
E. Routing protocol authentication
F. uRPF in loose mode

Answer: BEF

NEW QUESTION 203
You are redesigning a high-speed transit network due to congestion-related issues. Which congestion
avoidance mechanism can you apply to the existing network?

A. NBAR
B. FIFO
C. WRED
D. Rate-limit
E. Policy-Based Routing

Answer: C

NEW QUESTION 206
Which two control plane policer design options should you consider to achieve high availability?
(Choose two)

A. Control plane policers require that adequate protocols overhead are factored in to allow protocol convergence
B. Control plane policers are really needed only on externally facing devices
C. Control plane policers can cause the network management systems to create false alarms
D. Control plane policers are enforced in hardware to protect the software path, but they are hardware platform-dependent in terms of classification ability
E. Control plane policers must be processes before a forwarding decision is made

Answer: DE

NEW QUESTION 209
How must queue sizes be designed to ensure that an application functions correctly?

A. The default queue sizes are good for any deployment
B. Each individual device queuing delay in chain must be less than or equal to the application required delay
C. The queuing delay on every device in chain must be exactly the same
D. The sum of the queuing delay of all devices in chain must be less than or equal to the application required delay

Answer: D

NEW QUESTION 213
Your customer asked you to redesign there is-IS network to reduce to a minimum the number of
adjacencies because the network has several routers running L1/L2 mode on the sme Ethernet segment. Which action do you recommend?

A. Define only one router on the segment to be DIS
B. Make the interface priority on the backup DIS lower than the primary DIS

C. Change half the routers to L1 routers and half to L2 routers
D. Change all routers to a single-level area

Answer: D

NEW QUESTION 218
In a design around fast convergence in case of a link failure, what is the justification for using a point-
to-point OSPF network type on the Ethernet links between leaf-and-spine switches on a data center fabric?

A. Link failure tears down neighbor relationships regardless of network type configured
B. Type 1 LSAs are not generated on a point-to-point network type
C. Adjacencies can be built faster without a DR/BDR on the segment
D. The fabric memory requirements are significantly smaller than with a DR/BDR on each leaf and spine segment
E. The point-to-point network type allows for NSF to be used in this design

Answer: C

NEW QUESTION 219
Which MPLS attribute is required for links to carry a given MPLSTE tunnel?

A. TE tunnel destination address
B. Tunnel path-selection metric
C. Affinity
D. Next-hop backup tunnel

Answer: A

NEW QUESTION 221
Which DCI technology utilizes a "flood and learn" technique to populate the Layer 2 forwarding
table?

A. OTV
B. E-VPN
C. VPLS
D. LISP

Answer: A

NEW QUESTION 225
Which three reasons to deploy an IDS sensor in promiscuous mode when you design a security solution are true? (Choose three.)

A. Solution should be resistant to sensor failure.
B. Solution should allow for stream normalization.
C. Solution should not impact jitter and latency for voice traffic.
D. Solution should allow for signature-based pattern matching.
E. Solution should allow to deny packets inline.

Answer: ACD

NEW QUESTION 228
A new video multicast application is deployed in the network. The application team wants to use the
239.0.0.1 multicast group to stream the video to users. They want to know if this choice will impact the existing multicast design. What impact will their choice have
on the existing multicast design?

A. Because 239.0.0.1 is a private multicast range, a flood of PIM packets that have to be processed by the CPU and hosts will be sent by the routers in the
network.
B. Because 239.0.0.1 is a private multicast range, the rendezvous point has to send out constant group updates that will have to be processed by the CPU and
hosts.
C. The multicast application sends too many packets into the network and the network infrastructure drops packets.
D. The 239.0.0.1 group address maps to a system MAC address, and all multicast traffic will have to be sent to the CPU and flooded out all ports.

Answer: B

NEW QUESTION 230
VPLS is implemented in a Layer 2 network with 2000 VLANs. Which must be the primary concern to
ensure successful deployment of VPLS?

A. The underlying transport mechanism
B. PE scalability
C. Flooding is necessary to propagate MAC address reachability information
D. VLAN scalability

Answer: C

Explanation:
[I think B not 100% sure]

NEW QUESTION 232
Which two conditions must be met for EIGRP to maintain an alternate loop-free path to a remote network? (Choose two)

A. The Reported Distance from a successor is lower than the local Feasible Distance
B. The Reported Distance from a successor is higher than the local Feasible Distance
C. A feasible successor must be present
D. The feasible Distance from a successor is lower than the local Reported Distance
E. The feasibility condition do not need to be met

Answer: AC

NEW QUESTION 235
When is it required to leak routes into an IS-IS level 1 area?

A. When MPLS L3VPN PE devices are configured in the level 1 areas
B. When unequal cost load balancing is required between the backbone and nonbackbone areas
C. When a multicast RP is configured in the nonbackbone area
D. When equal cost load balancing is required between the backbone and nonbackbone areas

Answer: A

NEW QUESTION 237
A network has several routers running IS-IS L1L2 mode on the same Ethernet segment. Which action reduces to a minimum the number of IS-IS adjacencies in this segment?

A. Define only the router on the segment to be DIS
B. Change all routers connected to this segment to a single-level area
C. Make the interface priority on the backup DIS lower than the primary DIS
D. Change half the routers to be L1-only and other half to be L2-only on this segment

Answer: B

NEW QUESTION 239
Which three different behaviors must a network designer expect when bidirectional PIM is used instead of PIM Sparse Mode? (Choose three)

A. The source IP addresses from the multicast senders cannot be seen in the multicast routing table
B. The RPF check does not prevent routing loops when bidirectional PIM is used
C. Many possible rendezvous point can be used for bidirectional PIM as compared to PIM Sparse Mode
D. PIMv2 BSR is not supported with bidirectional PIM
E. The join messages to join a bidirectional PIM multicast group are different compared to PIM-SM
F. No rendezvous point is required when bidirectional PIM is used
G. Auto-RP is not supported with bidirectional PIM

Answer: ADE

NEW QUESTION 240
Which solution suppress the effect of excessive interface flapping events on routing protocols?

A. IP Event Dampening
B. SPF Backoff
C. Carrier Delay
D. BFD

Answer: A

NEW QUESTION 242
A service provider must provide Internet connectivity to an MPLS Layer 3 VPN customer. Which solution allows this customer to have Internet access?

A. Implement a global default route with a next hop in the VRF late on PE
B. Implement policy-based routing between PE and CE
C. Implement a default route in the VRF with a next hop in the global routing table of PE
D. Implement destination NAT between the VRF and the global RIB of PE

Answer: C

NEW QUESTION 245
In a VPLS design solution, which situation indicates that BGP must be used instead of LDP in the control plane?

A. MAC address learning scales better through BGP
B. BGP supports VPLS interworking
C. Pseudowire configuration overhead is reduced
D. There are no full-mesh pseudowire due to the route reflection feature of BGP

Answer: A

NEW QUESTION 249
When a multiprotocol routing environment is designed to have several routers redistributing among
the routing domains, how can routing loops be avoided?

A. By implementing spanning tree
B. By activating split horizon
C. By using the AS-path attribute
D. By using route tags

Answer: D

NEW QUESTION 251
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 Spanning Tree on one data center, and Rapid Reconfiguration of Spanning tree 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

NEW QUESTION 254
An enterprise campus is adopting a network virtualization design solution with these requirements
It must include the ability to virtualize the data plane and control plane by using VLANs and VRFs It must maintain end-to-end logical path transport separation
across the network
resources available grouped at the access edge
Which two primary models can this network virtualization design be categorized? (Choose two)

A. Path isolation
B. Session isolation
C. Group virtualization
D. Services virtualization
E. Edge isolation

Answer: AD

NEW QUESTION 256
A large ISP is analysing which IGP meets these following requirements Network must be resilient against unstable MTU in one side of newly released transmission
pieces of equipment Network must support MPLS traffic engineering solution for future use Which IGP must be selected and why?

A. ISIS : in case MTU changes your TE tunnels keep the LSP stable
B. OSPF: adjacency remains up even if MTU changes
C. OSPF: in case MTU changes your TE tunnels keep the LSP stable
D. ISIS: adjacency remains up even if MTU changes

Answer: D

NEW QUESTION 261
Which are two data plane hardening techniques? (Choose two)

A. Infrastructure ACLs
B. Control Plane Policing
C. Redundant AAA servers
D. Disable unused services
E. Routing protocol authentication
F. SNMPv3
G. Warning banners

Answer: AB

NEW QUESTION 262
Which feature must be part of the network design to wait a predetermined amount of time before
notifying the routing protocol of a change in the path in the network?

A. Transmit delay
B. Throttle timer
C. SPF hold time
D. Interface dampening

Answer: B

NEW QUESTION 267
Which statement about SDN framework environment is true?

A. The control plane functions is split between a SDN controller and the networking element
B. The data plane is pulled from the networking element and put in a SDN controller
C. The data plane is controlled by a centralized SDN element
D. The control plane is pulled from the networking element and put in a SDN controller
E. The control plane and data plane is pulled from the networking element and put in a SDN controller and SDN agent

Answer: D

NEW QUESTION 270
How can jitter be compensated on an IP network that carries real-time VoIP traffic with acceptable
voice transmission quality?

A. Set up VAD to replace gaps on speech with comfort noise
B. Change CODEC from G.729 to G.711
C. Deploy RSVP for dynamic VoIP packet classification
D. Set up a playout buffer to play back the voice stream

Answer: D

NEW QUESTION 272
On a large enterprise security solution, which two options are IDS or IPS modes of operation?
(Choose two)

A. Transparent mode
B. Routed mode
C. Inline mode
D. Traffic discovery mode
E. Promiscuous mode

Answer: C&E

NEW QUESTION 273
In a network with dynamic mutual redistribution between multiple OSPFv2 and EIGRP boundaries, which two mechanisms avoid suboptimal routing? (Choose two)

A. Route filtering
B. AD manipulation
C. Matching EIGRP process ID
D. Matching OSPF external routes
E. Route tagging

Answer: AE

NEW QUESTION 276
A network design engineer is designing a new storage area network that combines multiple separate
legacy SAN environments within a data center. Which technology isolates events within one of the SAN environment from the others?

A. FCIP tunnels
B. N-port ID Virtualization
C. N-Port Virtualization
D. Virtual SANs

Answer: D

NEW QUESTION 278
What is an effect of using ingress filtering to prevent spoofed addresses on a network design?

A. It reduces the effect of DDoS attacks when associated with DSCP remaking to Scavenger
B. It protects the network infrastructure against spoofed DDoS attacks
C. It filters RFC 1918 addresses
D. It classifies bogon traffic and remarks it with DSCP bulk

Answer: B

NEW QUESTION 282
DRAG DROP

Drag the IT standards on the left to their network design application on the right. Not all applications will be used.

FCAPS	Change management
ITIL®	Governance framework
CMIP	OSI-specified network management protocol
TMN	Telecommunications systems management framework
	Network management framework
	Enterprise architecture framework

A. Mastered
B. Not Mastered

Answer: A

Explanation:

ITIL®
Governance framework
CMIP
TMN
FCAPS
Enterprise architecture framework

NEW QUESTION 287
DRAG DROP

A company recently had an outage after an employee plugged a switch into the corporate network, causing a change in the root bridge selection. You have been tasked to redesign the network to avoid such outages in the future. Drag the Rapid PVST+ features (on the left) that will prevent reoccurences of this incident and drop them into their definitions on the right.

Root Guard	A deterministic method to set the root bridge and the backup root bridge for each VLAN
BPDU Guard	Prevents switches from propagating old or corrupt VLAN information through the Layer 2 network
DTP	Puts the interface into an errdisable state if a connected device attempts to participate in STP
VTP Set to Transparent	A preventive method of protecting an interface from accepting a superior BPDU
PortFast	
Spanning-Tree Priority Changed from Default	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Spanning-Tree Priority Changed from Default
VTP Set to Transparent
BPDU Guard
Root Guard

NEW QUESTION 291
DRAG DROP

Drag the fast convergence mechanisms on the left and drop them into the objectives that they accomplish.

Link-State Partial SPF
IP Event Dampening
BFD
Link-State Incremental SPF
Link-State Exponential Backoff

Fast Detection
Target

Slow Network Reaction When Events Occur Rapidly
Target
Target

Fast Route Calculation
Target
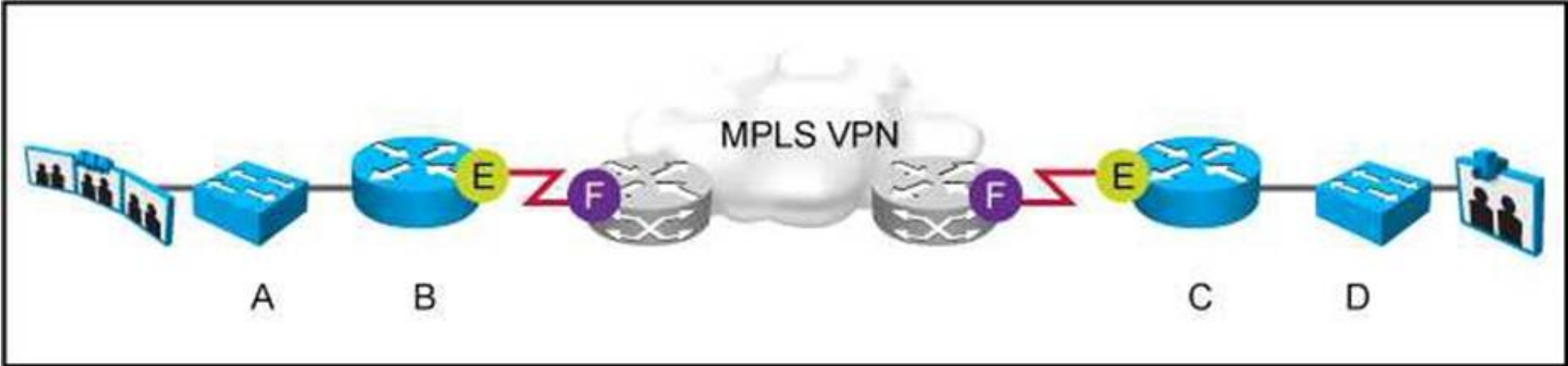Target

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Fast Detection
BFD

Slow Network Reaction When Events Occur Rapidly
IP Event Dampening
Link-State Exponential Backoff

Fast Route Calculation
Link-State Partial SPF
Link-State Incremental SPF

NEW QUESTION 296
DRAG DROP

Refer to the exhibit.

Company ACME is adding a Cisco TelePresence system for real-time collaboration and wants to ensure the highest user experience. Drag and drop the necessary QoS mechanisms from the left to the right in any order. Not all options will be used.

Enable policer on switches A and D	QoS mechanism 1
Enable LLQ or CBWFQ for real-time interactive (CS4)	QoS mechanism 2
Rewrite DSCP to 0 to ensure equal treatment for all traffic	QoS mechanism 3
Enable HQoS shaper on router interface E if necessary	QoS mechanism 4
Enable HQoS shaper on router interface F	QoS mechanism 5
Enable CBWFQ for signaling traffic (CS3)	
Remark traffic at router interface F	
Trust DSCP at switches A and D	
Remark DSCP at router interface E	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Enable LLQ or CBWFQ for real-time interactive (CS4)

Enable HQoS shaper on router interface E if necessary

Enable CBWFQ for signaling traffic (CS3)

Trust DSCP at switches A and D

Remark DSCP at router interface E

NEW QUESTION 297
DRAG DROP
A small local business recently had an outage after an employee plugged a switch into the corporate network, which caused the traffic pattern in the network to change. You have been tasked to redesign the network so that this does not happen again. From the left side to the right side, drag the PVRST+ features that should be implemented to prevent the corresponding root cause. Not all sources will be used.

Spanning-tree priority changed from default

DTP

VTP set to transparent

BPDU Guard

PortFast

Root Guard

Prevents changing the root bridge

Target 1

Target 2

Target 3

Prevents advertisement of unwanted VLANs

Target 4

A. Mastered
B. Not Mastered

Answer: A

Explanation:

Prevents changing the root bridge

Spanning-tree priority changed from default

BPDU Guard

Root Guard

Prevents advertisement of unwanted VLANs

VTP set to transparent

NEW QUESTION 302
DRAG DROP
Drag and drop the technology details or features support on the left into the corresponding Layer 2 multipath technologies on the right. Not all options will be used.

IETF standard

vPC+ supported

FHRP active/active supported

shared interswitch links supported

extension of OSPF

multiple topologies supported

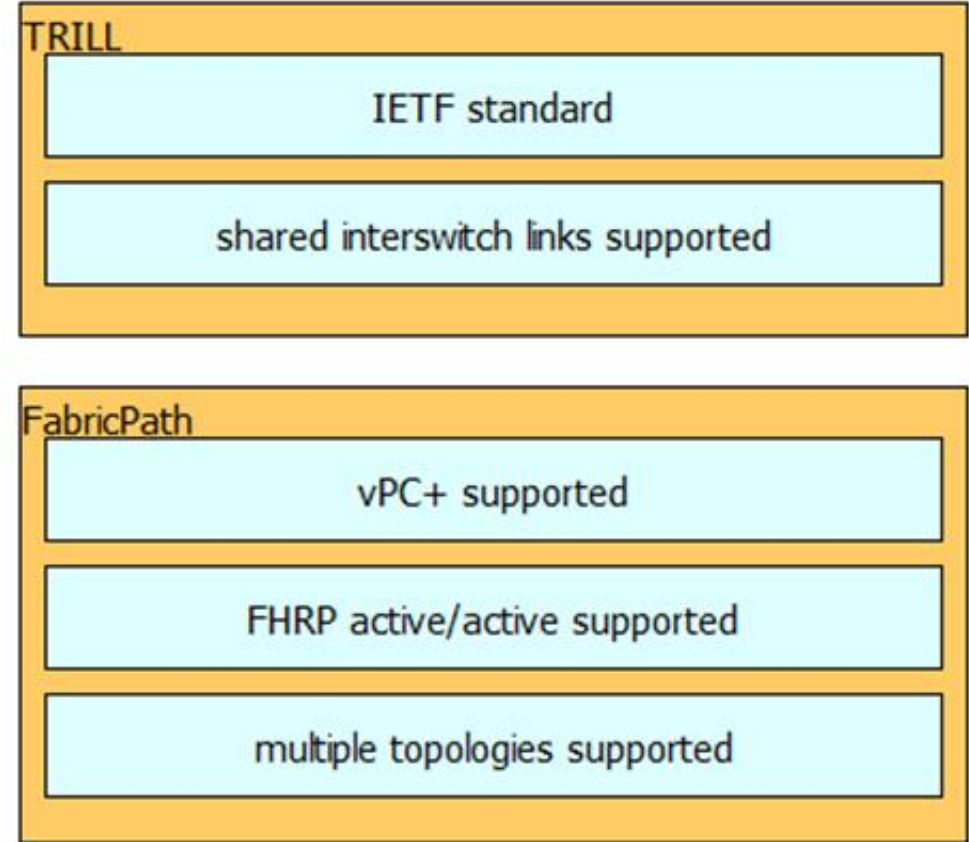TRILL

Target 1

Target 2

FabricPath

Target 3

Target 4

Target 5

A. Mastered
B. Not Mastered

Answer: A

Explanation:

TRILL

IETF standard

shared interswitch links supported

FabricPath

vPC+ supported

FHRP active/active supported

multiple topologies supported

NEW QUESTION 304
DRAG DROP
You are designing a new data center network. Drag and drop new data center requirements on the left into the appropriate design principle on the right.

design a VLAN dedicated for storage traffic		fault isolation
design for server NIC teaming		redundancy
design a single VLAN per access switch		segmentation
design diverse cabling cabinets		

A. Mastered
B. Not Mastered

Answer: A

Explanation:

design a single VLAN per access switch

design for server NIC teaming

design a VLAN dedicated for storage traffic

NEW QUESTION 308
DRAG DROP
As a network designer for a major multiservice network, your first assignment is to improve the IS-IS convergence to meet application requirements. Drag and drop the convergence tools or techniques to be used on your proposal from the left into the corresponding convergence phase on the right.

SPF throttling	event detection
LSA throttling	event propagation
LSP throttling	event processing
IS-IS hello interval	RIB updating
limit LSP flooding	
prefix prioritization	

A. Mastered
B. Not Mastered

Answer: A

Explanation:

IS-IS hello interval
LSP throttling
SPF throttling
prefix prioritization

NEW QUESTION 312
......

Thank You for Trying Our Product

We offer two products:

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questons and Answers in PDF Format

352-001 Practice Exam Features:

* 352-001 Questions and Answers Updated Frequently

* 352-001 Practice Questions Verified by Expert Senior Certified Staff

* 352-001 Most Realistic Questions that Guarantee you a Pass on Your FirstTry

* 352-001 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

100% Actual & Verified — Instant Download, Please Click
Order The 352-001 Practice Test Here