

Cisco.352-001.v2021-08-05.q80

Exam Code:	352-001
Exam Name:	Cisco Certified Design Expert Qualification Exam
Certification Provider:	Cisco
Free Question Number:	80
Version:	v2021-08-05
# of views:	952
# of Questions views:	26317
https://www.freecram.net/torrent/Cisco.352-001.v2021-08-05.q80.html	

NEW QUESTION: 1

Which two design solutions ensure sub 50 msec of the convergence time after a link failure in the network?
(Choose two)

- A. minimal BGP scan time
- B. Ti-LFA
- C. BFD
- D. MPLS-FRR
- E. IGP fast hello

Answer: ([SHOW ANSWER](#))

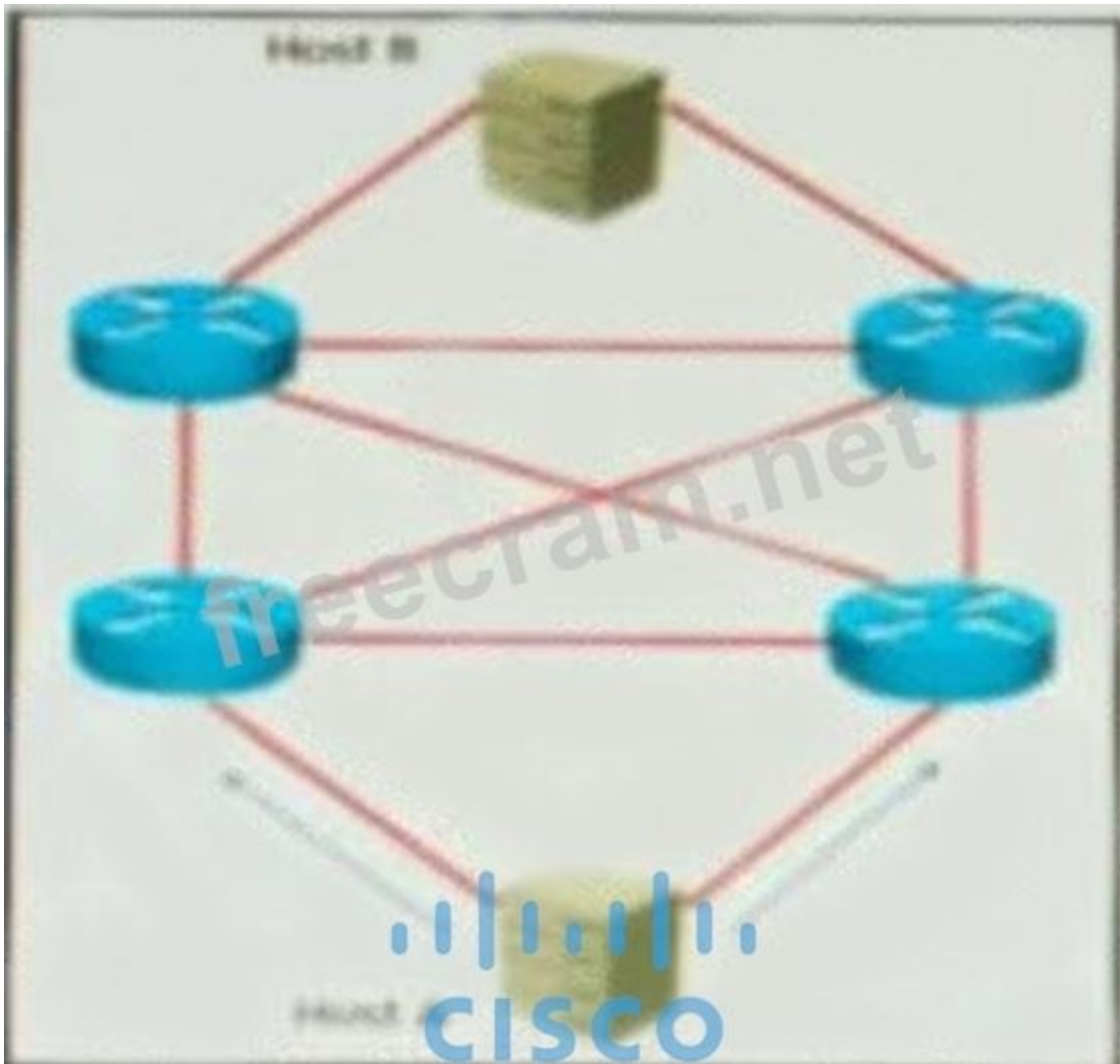
NEW QUESTION: 2

An enter pose customer will deploy a centralized unified communications application to provide voice, video, and instant messaging to their branch offices Some of the branch offices are located m remote locations and are connected via a 1 5 Mb's Layer 3 VPN connection Which two actions are the most cost-effective ways to ensure that this new application is implemented properly? (Choose two)

- A. Use a low bitrate codec such as G 729
- B. Enable VRF-Lite on the CE router to create a separate voice VRF
- C. Set voice activity detection to avoid sending packets when the conversation is silent
- D. Set WAN optimization on the CE router to compress the voice packets for improved bandwidth utilization and performance
- E. Set LFI on the WAN connections to interleave the small voice packets with the large data packets
- F. Use a low bitrate codec such as G.711

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 3



Refer to the exhibit All links are P2P Layer 3. A high availability application is synchronizing data between host A and host B. To increase the chance of delivery, the same data is sent twice from host A on two different NICs toward the two NICs on host B. Which solution must be deployed in the network to ensure that any failure in the network does not trigger data loss on host B?

- A. EIGRP with feasible successors
- B. BFD
- C. IP Fast Reroute
- D. Static routes

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 4

A large enterprise network runs IS-IS. There is a concern that the IS-IS default metrics are not flexible enough. Which IS-IS feature enables increased granularity for traffic engineering on the network?

- A. IS-IS Multitopology
- B. i IS-IS DIS
- C. IS-IS route leaking
- D. IS-IS Wide Metrics

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

You have been hired to create a Layer 2 network design solution to allow a company to transition their Spanning tree Protocol to Multiple Spanning Tree. The company is currently running a network core with a vPC switch pair and Rapid PVST+. If the company must avoid downtime in the network core, which step will be included in the design solution?

- A. The Spanning tree Protocol must be disabled first at both vPC switches before enabling MST, to prevent any downtime
- B. It is not possible to change the Spanning Tree Protocol at a vPC switch pair without a downtime
- C. The vPC switch with role "secondary" must be configured first
- D. The vPC switch with role "primary" must be configured first
- E. Both vPC switches must be configured at the same time
- F. When Bridge Assurance is disabled, the order of the vPC switch that is configured first does not matter

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 6

Which two design solutions provide IPv6 interdomain multicast? (Choose two)

- A. MSDP
- B. Embedded RP
- C. PIM-DM
- D. PIM SSM
- E. Auto-RP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 7

The CTO of XYZ is having some high-level discussions about IPv6 implementation and is considering whether XYZ should consider the MPLS IPv6 Provider Edge approach. Which two drawbacks of the MPLS IPv6 Provider Edge approach are true? (Choose two)

- A. Single IGP topology must be deployed, which can cause scalability issues in the future
- B. XYZ must migrate the IGP used in the MPLS core network to the multiprotocol IS-IS architecture to support MPLS IPv6 Provider Edge technology
- C. The label allocation mode is per-prefix, so the label table grows as the BGP table increases
- D. Single RIB and FIB is required for each connected customer, so scalability issues can arise
- E. MPLS P routers cannot send ICMPv6 messages because they are not enabled for IPv6

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 8

Which design concern should be accounted for in all Layer 3 virtualization technologies?

- A. Layer 3 stability
- B. application usage
- C. Layer 3 redundancy

D. packet sizing

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 9

After the recent implementation of a new design that incorporated GRE tunnels into the network, the network operations staff is seeing the following syslog message in multiple routes on the network -

%TUN-5-RECURDOWN: Tunnel0 temporarily disabled due to recursive routing.

From a design perspective, what was not taken into account prior to implementing the solution?

- A. The neighboring routers cannot respond within the specified hold time.
- B. The router is learning the route to the tunnel destination address using the tunnel interface.
- C. The interface on the router that is the source of the tunnel is down.
- D. The interface on the neighboring router that is the source of the tunnel is down.
- E. The tunnel interface on the router is not receiving any keepalives within the specified hold time.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10



Refer to the exhibit ACME Mining has four data centres in Santiago, Cape town, Mumbai, and Beijing, full-mesh connected via a 400 Mb/s EVP-LAN. They want to deploy a new mission-critical application with these requirements

- * cluster heartbeat 2 Mb/s continuous (250 KB/s)
- * cluster heartbeat one-way maximum latency 100 ms

These are the current ping tests results between the four data centers:

	Santiago	Cape Town	Mumbai	Beijing
Santiago	-	280 ms	378 ms	409 ms
Cape Town	280 ms	-	185 ms	445 ms
Mumbai	383 ms	176 ms	-	443 ms
Beijing	430 ms	448 ms	442 ms	-

Which hosting data center pair can host the new application?

- A. Santiago and Cape Town
- B. Santiago and Mumbai
- C. Cape Town and Mumbai
- D. Cape Town and Beijing
- E. Mumbai and Beijing
- F. Santiago and Beijing

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 11

You want to split an Ethernet domain in two. Which parameter must be unique in this design to keep the two domains separated?

- A. VTP password
- B. STP type
- C. VLAN ID
- D. VTP domain

Answer: (SHOW ANSWER)

NEW QUESTION: 12

Which two OSPF design considerations should you implement to support the eventual growth of a network, so that CPU and memory are not affected by the size and complexity of the link-state database in a large service provider network? (Choose two)

- A. Turn on the Incremental SPF feature
- B. Add more memory
- C. Turn on route dampening
- D. Add redundancy between critical locations
- E. Turn on packet pacing
- F. Create network summaries

Answer: (SHOW ANSWER)

NEW QUESTION: 13

Which undesired effect of increasing the jitter compensation buffer is true?

- A. The overall transport delay decreases and quality improves
- B. The overall transport jitter increases and quality issues can occur
- C. The overall transport delay increases and quality issues can occur
- D. The overall transport utter decreases and quality improves

Answer: ([SHOW ANSWER](#))

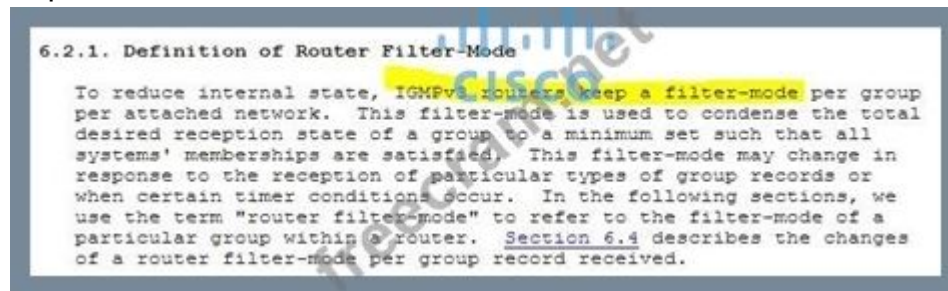
NEW QUESTION: 14

Which design solution reduces the amount of IGMP state in the network?

- A. IGMPv3 with PIM-SSM
- B. IGMP filtering
- C. multiple multicast domains
- D. one multicast group address through network regardless of IGMP version

Answer: ([SHOW ANSWER](#))

Explanation



<https://tools.ietf.org/html/rfc3376>

NEW QUESTION: 15

Which two statements describe how including cisco IPoDWDM proactive protection in an optical design would minimize packet loss in the event of a fiber cut? (Choose two.)

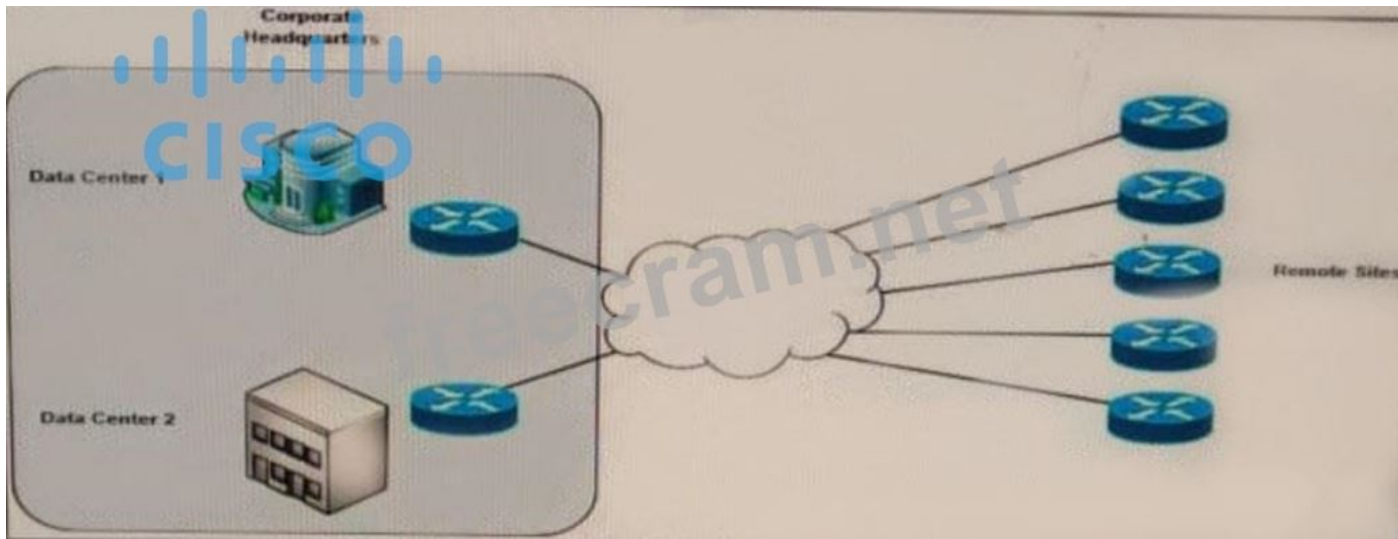
- A. It reroutes the optical circuit after an event that impacts service
- B. It uses the FFC field on the OTN frame to trigger protection
- C. It uses a "not to exceed" predefined BER threshold to cause traffic redirection
- D. It is effective both when you have redundant and nonredundant Layer 3 MPLS paths

Answer: ([SHOW ANSWER](#))

Explanation

https://www.cisco.com/c/en/us/td/docs/routers/7600/install_config/ES40_config_guide/es40_sw_config/es40_ch

NEW QUESTION: 16



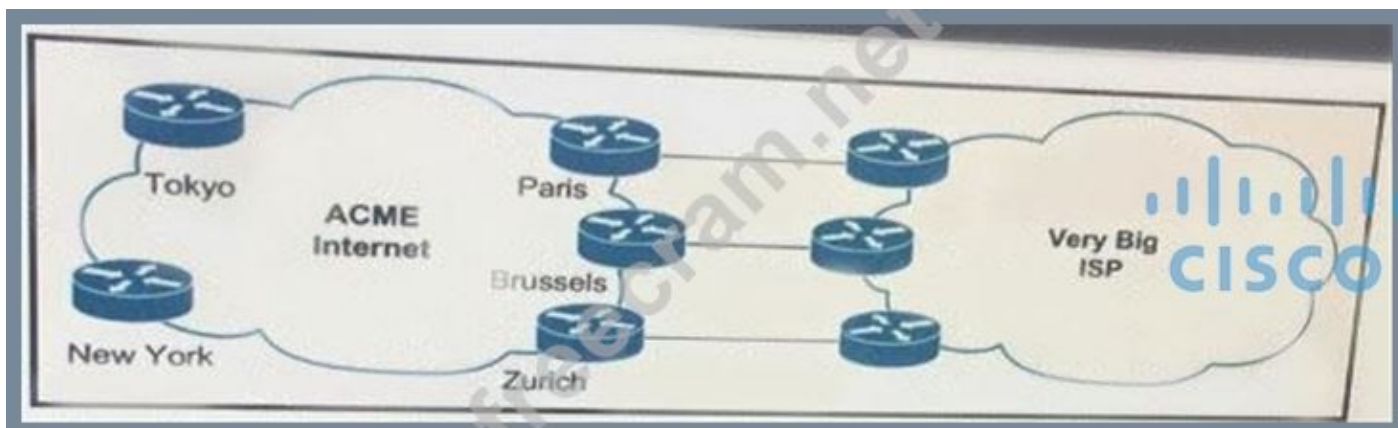
Refer to the exhibit. The company must connect five new remote sites to the network core of its corporate headquarters with path reliability. These remote sites run voice and data traffic. Two data centers are in the core. Which two virtualized network solutions can achieve the required goal? (Choose two)

- A. Use PfR to dynamically change traffic flows for forwarding frames and packets out of the remote sites
- B. Deploy MPLS Layer 2 VPN to interconnect the two data centers, the core, and the remote sites
- C. Deploy MPLS Layer 3 VPN
- D. Use IPsec over GRE encapsulation with a DS3 line directly from each remote site router to the data center routers
- E. Create an IPsec tunnel over a new point-to-point leased line directly from each remote site router to the data center routers

Answer: A,E (LEAVE A REPLY)

Valid 352-001 Dumps shared by ExamDiscuss.com for Helping Passing 352-001 Exam! ExamDiscuss.com now offer the **newest 352-001 exam dumps**, the ExamDiscuss.com 352-001 exam **questions have been updated** and **answers have been corrected** get the **newest** ExamDiscuss.com 352-001 dumps with Test Engine here: <https://www.examdumps.com/Cisco/exam/352-001/premium/> (270 Q&As Dumps, **35%OFF** Special Discount Code: **freecram**)

NEW QUESTION: 17



Refer to the exhibit. The service provider ACME Internet just added a 100Gbps peering in Paris to use as the default for inbound traffic from Very Big ISP. Which routing policy achieves the desired outcome?

- A. Apply an export policy that only permits a default route in Brussels and Zurich
- B. Apply an export policy in Paris by applying a MED or Community attribute with a preference M Very Big ISP ads upon
- C. Use traffic engineering by injecting a preferred LocalPref attribute to routes advertised to Very Big ISP in Paris
- D. Apply an export policy in New York and Tokyo that adds a Weight attribute to routes sent to Very Big ISP via Paris

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 18

Which tool or program is a version control system?

- A. Jenkins
- B. Git
- C. SmartC
- D. Logstash
- E. Travis CI

Answer: ([SHOW ANSWER](#)**)**

Explanation

<https://www.atlassian.com/git/tutorials/what-is-version-control>

NEW QUESTION: 19

You must change a network design to include link-state topology summarization. Which two effects of route summarization should you be concerned about? (Choose two)

- A. Packet reordering
- B. Slow convergence
- C. Not scalable
- D. Traffic black-holing
- E. Suboptimal routing

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 20

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 a multicast RP is configured in the non-backbone area.
- C. when unequal cost load balancing is required between the backbone and non-backbone areas
- D. when equal cost load balancing is required between the backbone and non-backbone areas

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 21

A customer requests a design that ensures that client devices are not dynamically configured with incorrect DNS information, which security technology must be configured on the switches when finalizing the network design?

- A. IGMP snooping
- B. Root guard
- C. DNS snooping
- D. DHCP snooping

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 22

Which three IS-IS design considerations must be considered when connecting two Layer 3 switches directly using a 10 GBASE - T cabling and forming IS-IS neighbor adjacency? (Choose three)

- A. The default IS-IS network type is port-to-point so a DIS is not elected
- B. A DIS is elected between the IS-IS neighbors and the elected DIS is pre-empted if a router with a higher system ID is connected
- C. The area, levels, and interface MTU parameters must match, and system MTU must be unique for two IS-IS routers to become adjacent
- D. The IS-IS hello and dead timers should be tuned to detect failures as quickly as possible
- E. Faster IS-IS hello and dead timers increase bandwidth and CPU use, and may cause instability
- F. A DIS is elected between the IS-IS neighbors and the elected DIS is preempted if a router with a lower system ID is connected
- G. The hello and dead timers must match for two IS-IS routers to become adjacent

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 23

Which main IoT migration aspect must be reviewed for a manufacturing plant?

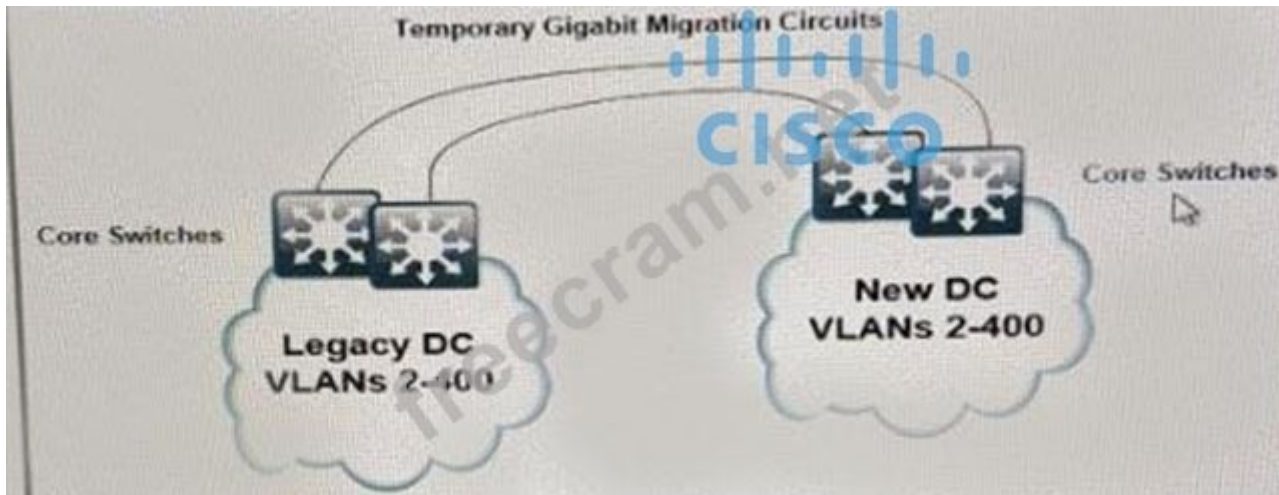
- A. Ethernet Switches
- B. Security
- C. Wi-Fi Infrastructure
- D. Sensors
- E. Applications

Answer: ([SHOW ANSWER](#))

Explanation

<https://blogs.cisco.com/digital/iot-in-manufacturing-insights-and-best-practices>

NEW QUESTION: 24



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

Answer: ([SHOW ANSWER](#))

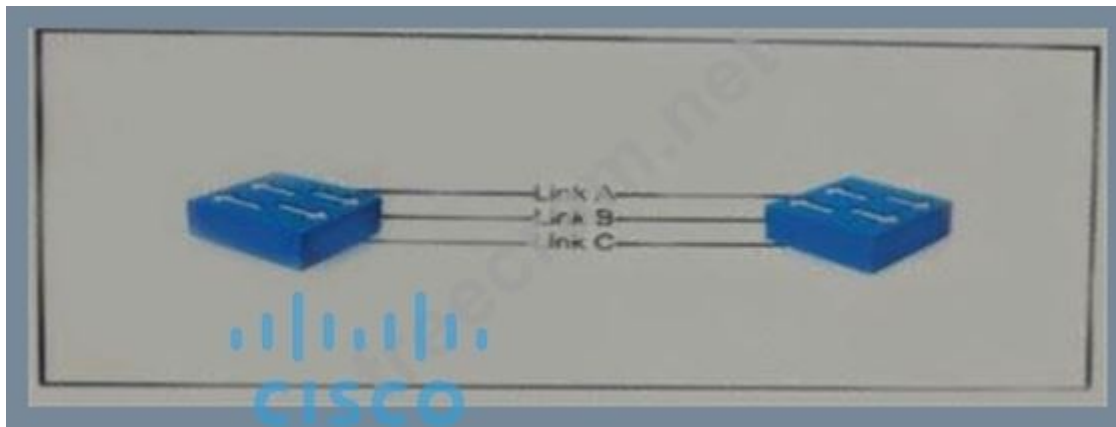
NEW QUESTION: 25

Which description of the fundamental design differences between an IP-based network design and a SAN-based design is true?

- A. An IP-based design has redundant connectivity in the fabric and high amounts of east-west traffic, whereas a SAN-based design uses redundancy from a dual-attached host which uses separate fabrics and has very little east-west traffic
- B. An IP-based design has redundant connectivity in the fabric and high amounts of east-west traffic, whereas a SAN-based design uses zoning-based redundancy, which uses separate fabrics and has very little east-west traffic
- C. An IP-based design has redundant connectivity in the fabric and very little east-west traffic, whereas a SAN-based design uses redundancy in the host, which uses separate fabrics and has high amounts of east-west traffic
- D. An IP-based design has redundancy from the host and high amounts of east-west traffic, whereas a SAN-based design uses redundancy in the fabric and very little east-west traffic

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 26



Refer to the exhibit. Which technology could be used in this design to provides link recovery and high traffic capacity?

- A. PAgP
- B. Flex Links
- C. MST
- D. Rapid PVST

Answer: (SHOW ANSWER)

EtherChannel is a port link aggregation technology or port-channel architecture used primarily on Cisco switches. It allows grouping of several physical Ethernet links to create one logical Ethernet link for the purpose of providing fault-tolerance and high-speed links between switches, routers and servers.

NEW QUESTION: 27

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

Answer: A (LEAVE A REPLY)

NEW QUESTION: 28

Which action reduces jitter in a VoIP network?

- A. Adjust the play out delay buffer at the receiver
- B. Deploy WRED
- C. Increase the bandwidth of the links
- D. Deploy Call Admission Control

Answer: (SHOW ANSWER)

NEW QUESTION: 29

Your organization is working on a design solution for a new internet-based remote access virtual private network that has 1000 remote sites. A network administrator recommends GETVEP as the model because the network of today uses DMVPN, which results in a lot of background NHRP control traffic. What is a potential problem with using GETVPN for this design solution?

- A. GETVPN would require a high level of background traffic to maintain its IPsec SAs

- B. GETVPN key servers would be on public, hacker-reachable space and need higher security
- C. GETVPN requires an overlay routing control plane
- D. GETVPN is not scalable to a large number of remote sites

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

Which two fast reroute technologies provide the highest level of protected path converge in a ring topology?

(Choose two)

- A. Per-link LFA
- B. Per-prefix LFA
- C. Remote LFA
- D. MPLS TE FRR
- E. Automatic protection switching

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 31

Which design benefit of PortFast is true?

- A. PortFast detects one-way communications on the physical port, which prevents switch loops
- B. PortFast disables spanning tree on the port, which puts the port into the forwarding state immediately after it is connected
- C. PortFast allows small, unmanaged switches to be plugged into ports of access switches without risking switch loops
- D. PortFast prevents switched traffic from traversing suboptimal paths on the network
- E. PortFast does not generate a spanning tree topology change when a station on a port is connected or disconnected
- F. PortFast prevents switch loops that are caused by a unidirectional point to point link condition on Rapid PVST+ and MST

Answer: ([SHOW ANSWER](#))

Valid 352-001 Dumps shared by ExamDiscuss.com for Helping Passing 352-001 Exam! ExamDiscuss.com now offer the **newest 352-001 exam dumps**, the ExamDiscuss.com 352-001 exam **questions have been updated** and **answers have been corrected** get the **newest** ExamDiscuss.com 352-001 dumps with Test Engine here: <https://www.examdumps.com/Cisco/exam/352-001/premium/> (270 Q&As Dumps, **35%OFF** Special Discount Code: **freecram**)

NEW QUESTION: 32

A customer requests a design that ensures that client devices are not dynamically configured with incorrect DNS information. Which security technology must be configured on Core switches when finalising the network design?

- A. root guard
- B. DNS snooping
- C. IGMP snooping
- D. DHCP snooping

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 33

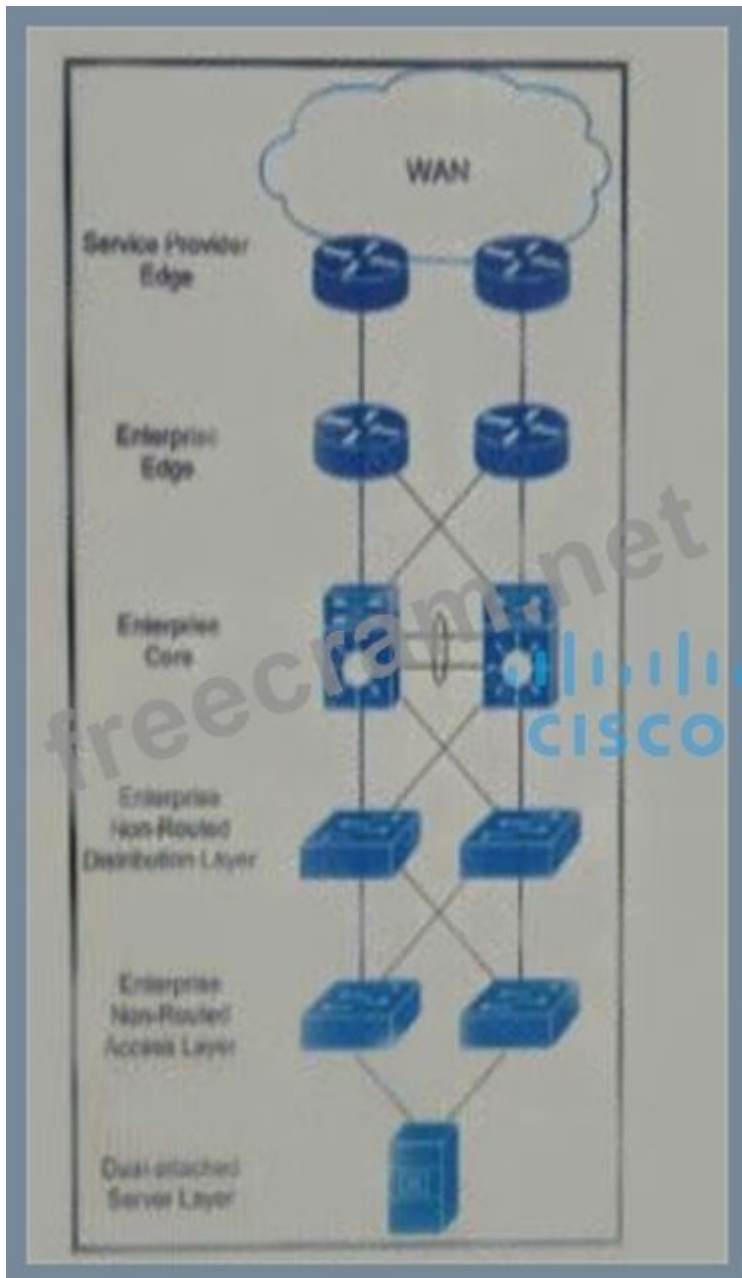
Which optimal use of interface dampening on a fast convergence network design is true?

- A. When the router hardware is slower than the carrier delay down detection
- B. When the switch hardware is faster than the debounce timer down detection
- C. When numerous adjacent flaps of very short duration occur
- D. When occasional flaps of long duration occur

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 34

Refer to Exhibit.



Which three layers must use cisco nonstop forwarding to reduce service impact in case of failure?

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

Answer: (SHOW ANSWER)

Explanation

https://www.cisco.com/en/US/technologies/tk869/tk769/technologies_white_paper0900aecd801dc5e2.html

NEW QUESTION: 35

Which two reasons for implementing Cisco MPLS TE in service provider MPLS backbone are valid? (Choose two.)

- A. When Cisco MPLS TE can detect and react to neighbor failures faster than IGPs can
- B. When Cisco MPLS TE is required to create backup paths independently from the IGP
- C. When Cisco MPLS TE is a prerequisite for implementing RSVP in the backbone
- D. When Cisco MPLS TE is required to route different MPLS QoS service classes through different paths
- E. When Cisco MPLS TE is required to reroute traffic within less than 1 second in case of a link failure inside the backbone

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 36

A company plans to include nonstop forwarding and bidirectional forwarding direction as a part of their network redundancy plan. In which two ways do NSF and BFD work together when different hardware platforms are compared?

- A. Because BFD is always processed at the supervisor engine or routing engine, a supervisor engine or routing engine failover will always trigger a link down at the peer router
- B. During supervisor engine or routing engine failover, the NSF feature will always ensure down independent of the used hardware platform
- C. To ensure that BFD at the peer router will not trigger a link down during NSF, the BFD packets must be processed fast enough and, during supervisor engine or routing engine failover, by processing the BFD independent from the supervisor engine or routing engine
- D. Because BFD is always processed at the line cards (not at the supervisor engine or routing engine), a supervisor engine or routing engine will not affect the BFD peer router
- E. On some hardware platforms, BFD and NSF are not supported together During supervisor engine or routing engine failover, the BFD at the peer router will trigger a link down

Answer: ([SHOW ANSWER](#))

Explanation

<https://netcraftsmen.com/non-stop-forwarding-and-fast-re-routing/>

NEW QUESTION: 37

Currently, a service provider IPv4 traceroute services between MPLS PE routers. There is a requirement to offer 6PE/6VPE services and be able to provide parallel IPv6 traceroute services between MPLS PE routers. Which design solution provides this service?

- A. The P router must be upgraded to support ICMPv6
- B. A MPLS 6PE/6VPE implementation provides this capability by default.
- C. The PE and P routes must be upgraded to support full IPv6 forwarding capability
- D. The PE router must be upgraded to support ICMPv6

Answer: ([SHOW ANSWER](#))

Explanation

<https://www.cisco.com/c/en/us/support/docs/multiprotocol-label-switching-mpls/mpls/118698-technote-mpls-00>

<https://networklessons.com/cisco/ccie-routing-switching-written/ipv6-over-mpls-6pe-6vpe>

NEW QUESTION: 38

Which design consideration of policy-based routing is true?

- A. It uses RSVP to differentiate traffic flows, so queuing mechanisms can prioritize them.
- B. It decreases failure detection time
- C. It routes traffic destined to a set of users through different exit points
- D. It can create microloops during network reconvergence

Answer: ([SHOW ANSWER](#))

Explanation

https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/iproute_pi/configuration/15-mt/iri-15-mt-book/iri-pbr.html

NEW QUESTION: 39

Which three terms describe an OS-level virtualization method for deploying and running distributed applications? (Choose three)

- A. container networking
- B. shared kernel
- C. container stack
- D. containerization
- E. application containerization
- F. virtualized networking
- G. container-based virtualization

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 40

Which two conditions are required for successful route aggregation? (Choose two)

- A. Logical separation between zones or layers within networks
- B. Physical separation between zones or layers within networks
- C. Contiguous prefix allocation
- D. Consistent prefix allocations per network
- E. Matching traffic aggregation with route aggregation locations

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 41

You are the network designer for a large Service Provider that offers Voip video and internet services to residential customers. You have been asked to narrow your performance monitoring to three areas that will result in the best return on the investment. Which three areas should be monitored and reported upon based on the services currently offered by the Service Provider? (Choose three).

- A. policing
- B. bandwidth utilization
- C. drops
- D. latency
- E. data path
- F. jitter

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 42

In a multicast switched LAN with IGMP snooping enabled. Users report that they often receive all multicast groups for brief periods of time (traffic a flooded everywhere). You must improve the design of the network and address the issue. Which feature do you consider to stop this frequent multicast flooding from occurring?

- A. STP PortFast
- B. PIM-SSM Mapping
- C. IGMPv3 Explicit Host Tracking
- D. VTP VLAN pruning

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 43

Which two SAN designs are appropriate to support large-scale SAN environments? (Choose two)

- A. dual fabric design
- B. Fibre Channel forwarder
- C. core-edge design
- D. split fabric design
- E. edge-core-edge design

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 44

As service provider you must support a Layer 2 virtualization protocol that does not include the use of label switching . which technology meets this design requirement ?

- A. 802.3ad
- B. QinQ
- C. VPLS
- D. VRF-Lite

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 45

Which two factors that can affect the OSPF network convergence time are the most significant? (Choose two)

- A. MTU on the OSPF enabled interface
- B. diameter of the OSPF network
- C. tuning of OSPF LSA timers
- D. different processor capabilities of devices
- E. number of OSPF routes

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 46

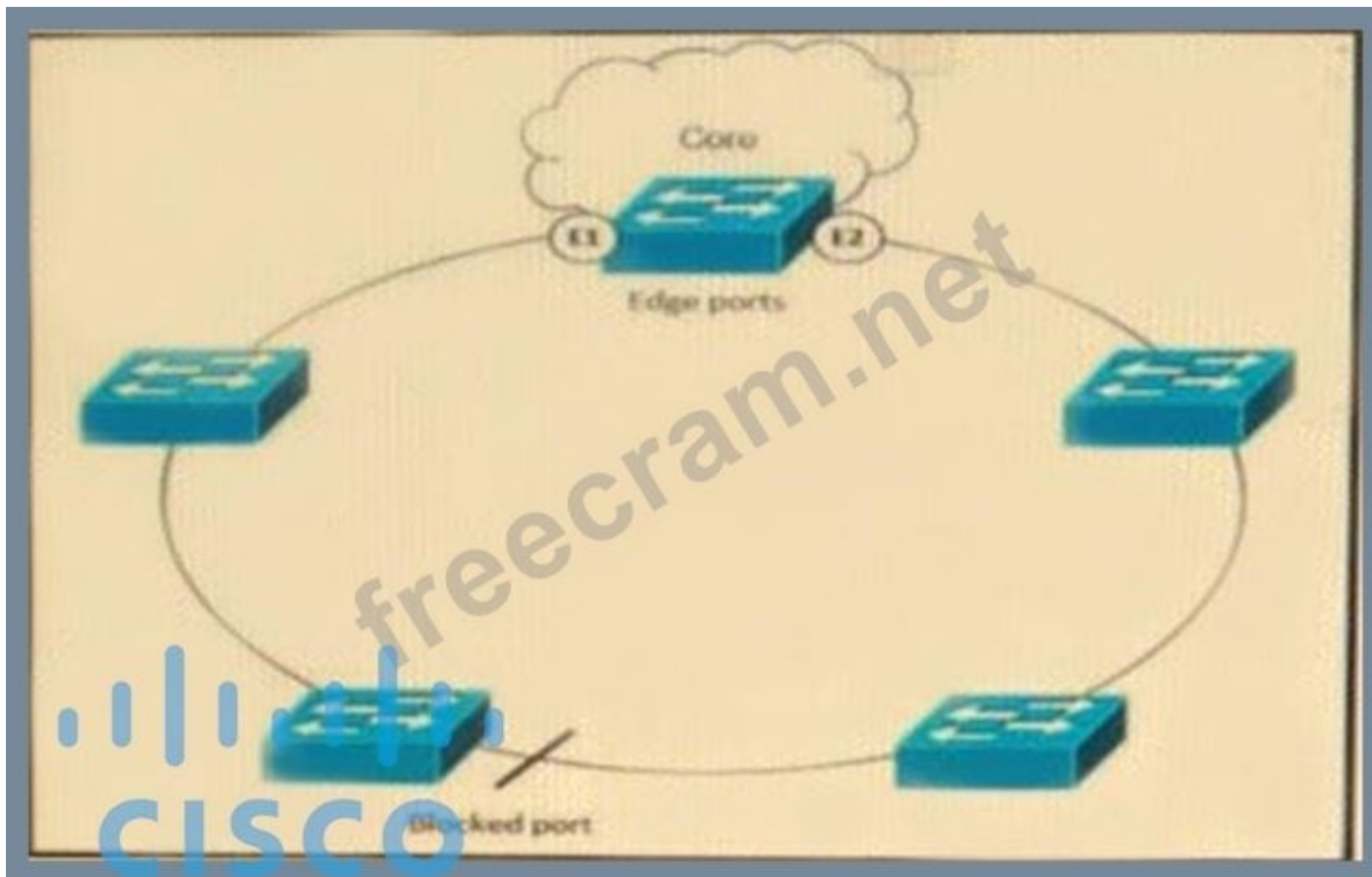
A large enterprise network has two data centers and a WAN edge in a hub-and-spoke network topology. The entire network is in a single OSPF area. Spoke routers are connected to unreliable WAN links. Which two changes must be made to deploy LSA filtering on the spoke routers? (Choose two)

- A. Keep the spoke routers in normal areas
- B. Configure the hub routers as ABRs
- C. Place spoke routers in stub areas
- D. Place spoke routers in totally stubby areas
- E. Configure the hub routers as ASBRs

Answer: ([SHOW ANSWER](#))

Valid 352-001 Dumps shared by ExamDiscuss.com for Helping Passing 352-001 Exam! ExamDiscuss.com now offer the **newest 352-001 exam dumps**, the ExamDiscuss.com 352-001 exam **questions have been updated** and **answers have been corrected** get the **newest** ExamDiscuss.com 352-001 dumps with Test Engine here: <https://www.examdumps.com/Cisco/exam/352-001/premium/> (270 Q&As Dumps, **35%OFF** Special Discount Code: **freecram**)

NEW QUESTION: 47



Refer to the exhibit. As the new network designer for a manufacturing company. You are designing this resilient. Ethernet ring of the plant Ethernet network that is connected to the core, which does not use STP.

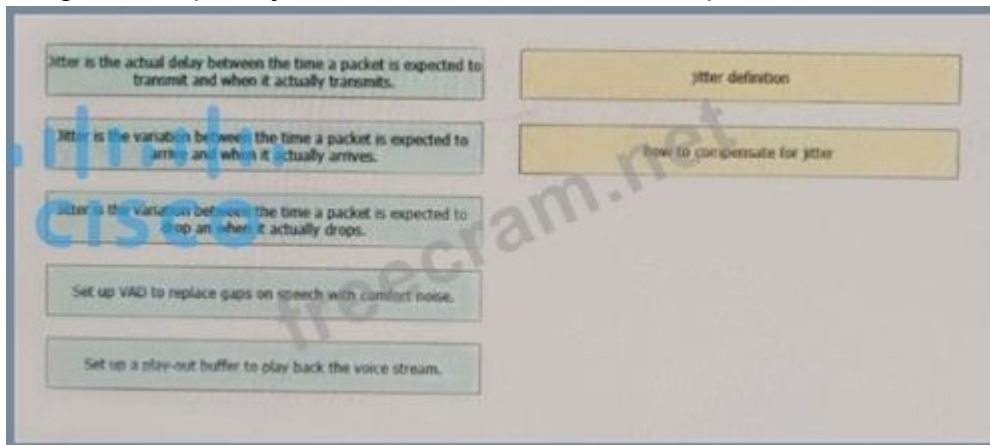
Both edge ports are on the same switch in a ring segment. There is connectivity between the edge ports throughout the segment, so you can create a redundant connection between any two switches in the ring. Which three characteristics of this design are true? (Choose two)

- A. If VLAN load balancing is configured, then one port in the segment controls the blocked state of VLANs
- B. If a link fails then the alternate ports Quickly unblock. When the failed link comes back up, a physically blocked port per VLAN is selected with minimal disruption to the network
- C. If all ports in the segment are operational, then one port is in the blocked state for each VLAN
- D. If all ports in the segment are operational, then two ports are in the blocked state for each VLAN
- E. If a link fails then the alternate ports quickly unblock. When the failed link comes back up, a logically blocked port per VLAN is selected with minimal disruption to the network

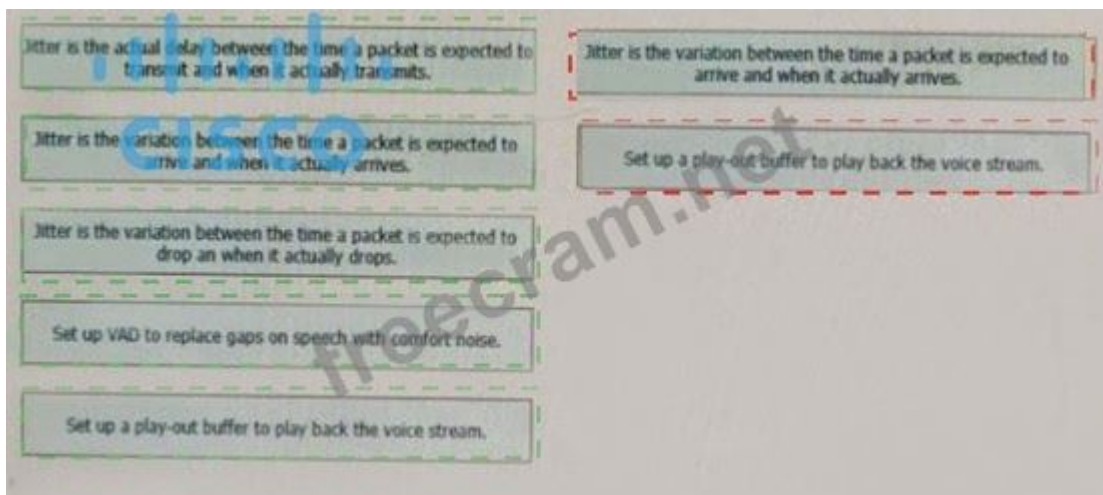
Answer: ([SHOW ANSWER](#))

NEW QUESTION: 48

Drag and drop the jitter definition and how to compensate for it from the left onto the right



Answer:



Explanation

1B, 2 E

NEW QUESTION: 49

Which two benefits of using BFD for failure detection are true? (Choose two)

- A. BFD bypasses a failed peer, not needing to rely on the routing protocol.

- B. BFD suppresses the routing protocol hellos.
- C. BD peers do not need to be adjacent
- D. BFD can be used with BGP , EIGRP , IS-IS, and OSPF.
- E. BFD can provide failure detection in less than one second.
- F. BFD has an auto-discovery mechanism.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

Which design advantage of Ethernet VPN over VPLS is true?

- A. multitenancy support
- B. native support for multihoming with per-VLAN load balancing
- C. increased PE scalability
- D. support of legacy protocols such as IPX

Answer: ([SHOW ANSWER](#))

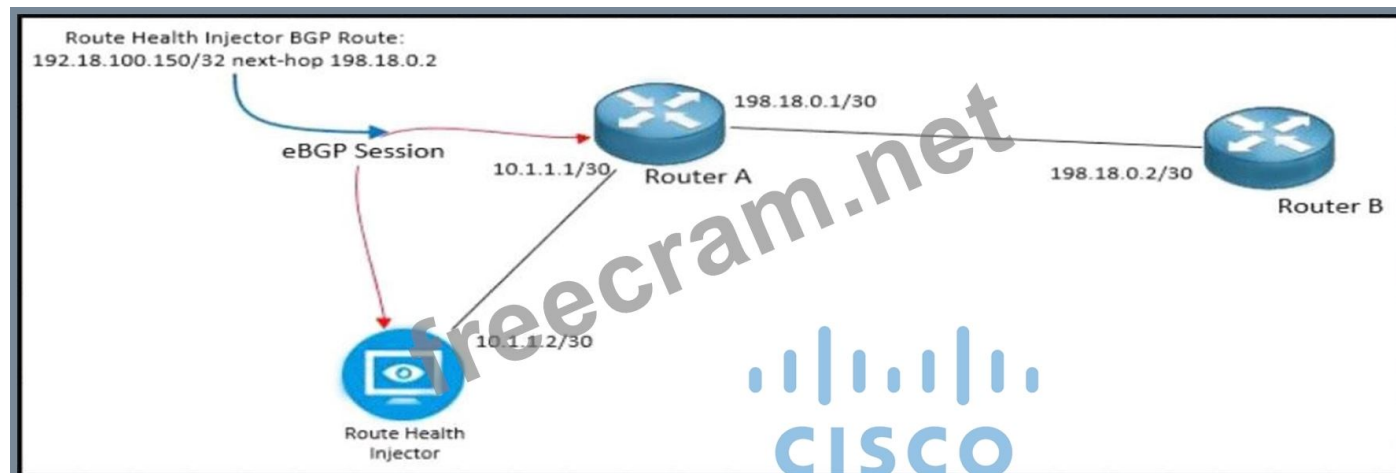
NEW QUESTION: 51

You are deploying a nationwide intranet solution for a company with 4 data centers and 400 remote branches connected via a provider-based solution. As part of the network design, you must ensure efficient content distribution of training material to remote sites. Which VPN technology leverages replication in the network core and provides for efficient bandwidth optimization?

- A. VPLS
- B. MPLS Layer 3 VPN
- C. GRE
- D. IPsec

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 52



Refer to the exhibit. A route health injector is deployed on the network to monitor reachable services. The route health injector injects /32 prefixes into BGP with the next hop of 98.18.0.2. These /32 prefixes are not being installed into the RIB of router. A which BGP feature must be deployed to make sure this design works?

- A. BGP community attributes

- B. BGP AS-path prepending
- C. MP-BGP
- D. eBGP multihop attribute

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 53

Which fast convergence mechanism involves tunneling to a non-neighbor router?

- A. Remote LFA
- B. LFA
- C. EIGRP FS
- D. BGP PIC

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 54

When network summaries are created for access networks in a network design, how does it change the behavior of the Shortest Path First (SPF) running in a backbone area?

- A. There would be fewer full SPF.
- B. There would be no change with the SPFs.
- C. There would be fewer incremental SPFs.
- D. There would be fewer partial SPFs.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 55

A company wants to use an external appliance between its data center and WAN to optimize email and HTTP communications. The traffic flow must pass this appliance in both directions. The appliance is connected with only one interface to a Cisco IOS router and has a single IP address Which two adjustments can you make to the network design so that the appliance is added into the traffic path? (Choose two)

- A. Configure a route map at the WAN-side interface to forward the traffic to the appliance IP address
- B. Configure a route map at the appliance-facing interface to forward the traffic to the appliance IP address.
- C. Configure NAT to force the traffic to the appliance
- D. Adjust the dynamic routing to route the traffic to the appliance
- E. Configure static routes to route the traffic to the appliance
- F. Configure a route map at the data center-side interface to forward the traffic to the appliance IP address

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 56

You are designing an 802.1x solution for a customer where the network supports a large number of IP phones and printers. You plan to configure MAC address bypass for the phones and printers. What is your primary concern related to authentication?

- A. additional AAA traffic on the network
- B. placement of the AAA server

- C. potential of MAC address spoofing
- D. scaling of the database that stores the MAC addresses

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 57

You are asked to design a traffic policy to restrict traffic leaving a customer site. Which technique is recommended to enforce a traffic leaving the site?

- A. policy routing
- B. WRED
- C. class based policing
- D. traffic shaping

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 58

Which two mechanisms avoid suboptimal routing in a network with dynamic mutual redistribute OSPFv2 and EIRGP boundaries?

- A. matching EIGRP process ID
- B. AD manipulation
- C. route filtering
- D. matching OSPF external routes
- E. route tagging

Answer: ([SHOW ANSWER](#))

Explanation

<https://www.cisco.com/c/en/us/support/docs/ip/border-gateway-protocol-bgp/49111-route-map-bestp.html>

NEW QUESTION: 59

Which relationship between iBGP and the underlying physical topology is true?

- A. iBGP can work only on a ring network topology with a link state protocol like OSPF or IS IS
- B. iBGP full mesh requirement does not dictate any specific network topology
- C. iBGP does not work on a ring network topology even with an underlying IGP
- D. iBGP full mesh requires an underlying My meshed network topology

Answer: B ([LEAVE A REPLY](#))

Explanation

<http://nms.lcs.mit.edu/papers/bgpsep-infocom06.pdf>

NEW QUESTION: 60

Which two conditions must be met for EIGRP to maintain an alternate loop-free path to a remote network?

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

- D. The Reported Distance from a successor is lower than the local Feasible Distance
- E. Feasible Distance from a successor is lower than the local Reported Distance.

Answer: (SHOW ANSWER)

To be considered as a feasible successor route, the prefix must satisfy the feasibility condition: it is reported distance is lower than the feasible distance of the successor route. This behavior is the primary way that EIGRP ensures a loop-free topology through the network.

NEW QUESTION: 61

You are designing a traffic monitoring and analysis system for a customer. Which traffic monitoring technique would you recommend to place the least amount of burden on the network infrastructure?

- A. SPAN monitor ports
- B. NetFlow
- C. passive taps
- D. IP NBAR

Answer: (SHOW ANSWER)

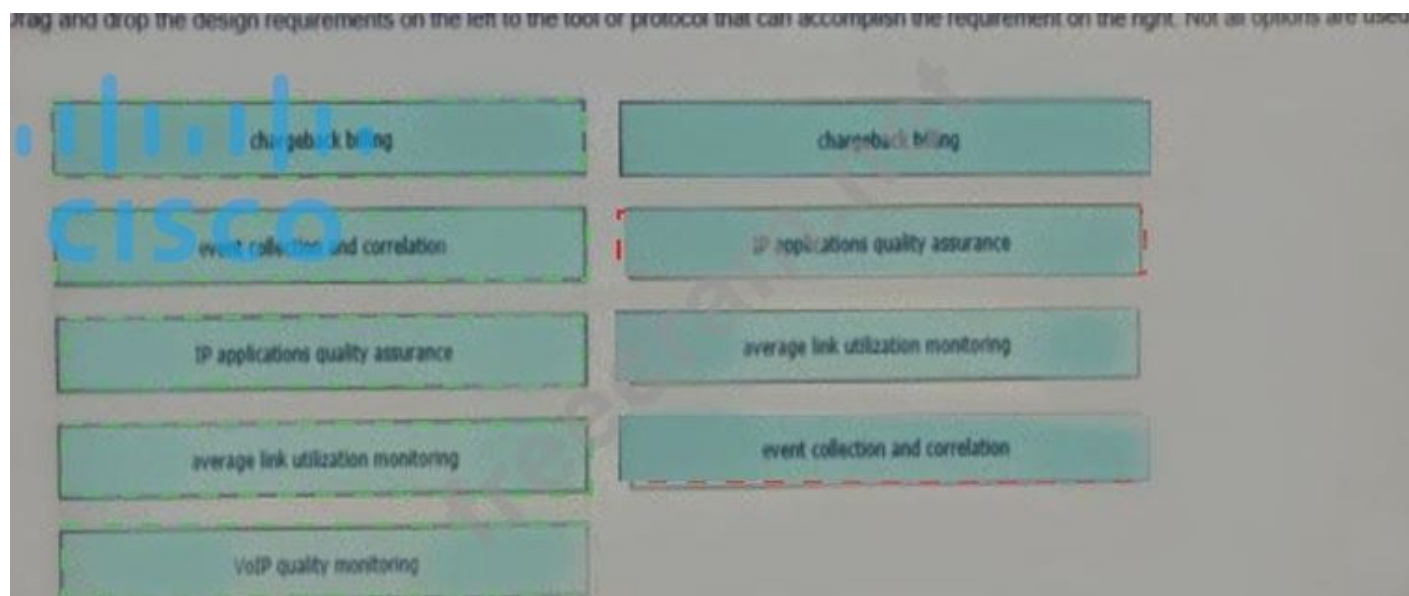
Valid 352-001 Dumps shared by ExamDiscuss.com for Helping Passing 352-001 Exam! ExamDiscuss.com now offer the **newest 352-001 exam dumps**, the ExamDiscuss.com 352-001 exam **questions have been updated** and **answers have been corrected** get the **newest** ExamDiscuss.com 352-001 dumps with Test Engine here: <https://www.examdumps.com/Cisco/exam/352-001/premium/> (270 Q&As Dumps, **35%OFF** Special Discount Code: **freecram**)

NEW QUESTION: 62

Drag drop the design requirement on the left to the tool or protocol that can accomplish the requirement on the right.



Answer:



NEW QUESTION: 63



Refer to the exhibit You are designing this network to support voice communication between software and hardware endpoints To ensure quality, the decision is to implement a DiffServ QoS model with priority queuing Which admission criteria option do you recommend?

- A. Implement a LLQ on switches
- B. Implement a LLQ on routers
- C. Monitor packet drops on the router to identify possible oversubscription
- D. Implement active queue management on the routers only
- E. Police voice traffic on the switches

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 64

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 65

You are hired to design a solution to improve network availability for users on a campus network with routed access. Which two recommendations should you make in your design proposal? (Choose two)

- A. redundant power supplies in the access routers
- B. standby route processors for SSO in the core routers
- C. standby route processors for SSO in the distribution routers
- D. replace copper links between devices with fiber links
- E. standby route processors for SSO in the access switches

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 66

VPLS is implemented in a Layer 2 network with 2000 VLANs What is the primary concern to ensure successful deployment of VPLS?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 67

A BGP route reflector in the network is taking longer than expected to converge during large network changes. Troubleshooting shows that the router cannot handle all the TCP acknowledgement during route updates. Which action can be performed to tune the device performance?

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

Answer: ([SHOW ANSWER](#))

Explanation

- **Hold time:** This is the maximum number of seconds that can elapse before the router must receive either a Keepalive or an Update message.

<https://www.ciscopress.com/articles/article.asp?p=2738462&seqNum=2>

NEW QUESTION: 68

Which two benefits of using BFD for failure detection are true? (Choose two)

- A. BFD bypasses a failed peer, not needing to rely on the routing protocol
- B. BFD has an auto-discovery mechanism
- C. BFD can be used with BGP, EIGRP, IS IS, and OSPF
- D. BFD can provide failure detection in less than one second
- E. BFD suppresses the routing protocol hellos
- F. BFD peers do not need to be adjacent

Answer: ([SHOW ANSWER](#))

Explanation

https://www.cisco.com/en/US/technologies/tk648/tk365/tk480/technologies_white_paper0900aecd80244005.htm

NEW QUESTION: 69

You want to mitigate failures that are caused by STF loops that occur before UDLD detects the failure or that are caused by a device that is no longer sending BPOUs Which mechanism do you use along with UDLD?

- A. root guard
- B. BPOU guard
- C. loop guard
- D. BPDU filtering

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 70

What are two reasons for a network designer to choose tunnel mode instead of transport mode on a DMVPN design?

- A. Tunnel mode is required whenever NAT or PAT is used in the network path between the encrypting routers
- B. Tunnel mode is required in single-tier designs, where the GRE tunnel endpoint and encryption endpoint functions are on the same router
- C. Tunnel mode is required in dual-tier designs, where the GRE tunnel endpoint and encryption endpoint functions are on separate routers
- D. Tunnel mode is required when using multipoint GRE so the tunnel source and destination IP addresses are hidden
- E. Tunnel mode is required to hide the original clear text source and destination IP addresses, which transport mode does not do

Answer: ([SHOW ANSWER](#))

Explanation

<https://lostintransit.se/2016/02/15/ccde-dmvpn-crypto-design-considerations/>

NEW QUESTION: 71

What is the most common IoT threat vector?

- A. Attacks against programming errors in IoT devices
- B. Insertion of invalid inputs that cause denial of service
- C. Human error and social engineering to access supervisory control systems.
- D. Physical access to IoT devices that are installed in non-secure locations

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 72

As part of the security protocol for your network design, you have designated that option 82 is enabled for DHCP snooping. When option 82 is enabled, which information will be added to the DHCP request?

- A. switch MAC address and switch IP address
- B. remote ID and circuit ID
- C. switch MAC address and VLAN module and port
- D. switch IP address and VLAN, module and port

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 73

Which network topology type has the longest EIGRP convergence time?

- A. Tree
- B. Star
- C. Full mesh
- D. Ring

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 74

Which solution prevents microloops from being formed during network convergence time?

- A. LFA
- B. Prefix suppression
- C. RLFA
- D. RSVP-TE

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 75

Company XYZ has an audit requirement to encrypt traffic between selected development teams. Those teams are located in multiple sites across the country. They must migrate all locations to a MPLS Layer 3 VPN-Based service. But this implementation must not impact the VoIP solution. The VoIP traffic to and from the call centre sites must be copied to the data centre servers so that it is recorded to meet another audit requirement. Which solution meets these requirements?

- A. Implement a DMVPN-based encrypting all traffic except the VoIP traffic

- B. Implement LISP-based tunnels for the development traffic.
- C. Implement site-to-site GRE tunnels only for development traffic
- D. Implement GETVPN with selective encryption only for the development traffic

Answer: ([SHOW ANSWER](#))

Explanation

https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/WAN_and_MAN/ngwane/ngwanempls.pdf

NEW QUESTION: 76

You must measure the amount of the traffic that a mode packet gateway produces when mobile phones access the service provides internal applications, rather than the Internet. which action do you to allow this visibility?

- A. Measure traffic characteristics of known internal servers with IP SLA
- B. Collect information about traffic to the service provider marked with IP precedence
- C. Poll OID that is configured for internal servers with SNMP
- D. Collect traffic information that is related to internal server IP addresses with NetFlow

Answer: ([SHOW ANSWER](#))

Valid 352-001 Dumps shared by ExamDiscuss.com for Helping Passing 352-001 Exam! ExamDiscuss.com now offer the **newest 352-001 exam dumps**, the ExamDiscuss.com 352-001 exam **questions have been updated** and **answers have been corrected** get the **newest** ExamDiscuss.com 352-001 dumps with Test Engine here: <https://www.examdisscuss.com/Cisco/exam/352-001/premium/> (270 Q&As Dumps, **35%OFF** Special Discount Code: **freecram**)

NEW QUESTION: 77

A network engineering team is designing a lab network for a customer demonstration. The design engineer wants to show that the resiliency of the MPLS Traffic Engineering Fast Reroute solution has the same failover Tailback times as a traditional SONET/SDH network (around 50 msec). Which type of MPLS TE tunnel must be considered for this demonstration to address the link failure and node failure within the lab network?

- A. next-next-hop tunnel
- B. next-hop tunnel
- C. FRR backup tunnel
- D. TE backup tunnel

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 78

Drag and drop the optical technology design characteristics on the left to the correct optical technologies on the right. Not all options are used



Answer:



Explanation

- 1 - target 4
- 2 - target 5
- 3 - target 1
- 4 - target 6
- 5 - target 2
- 6 - target 3

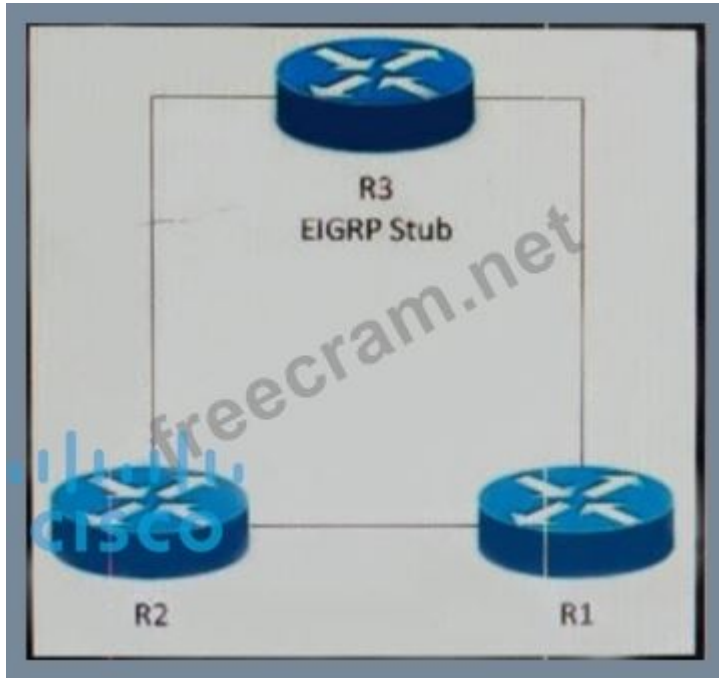
NEW QUESTION: 79

Company A has a hub-and-spoke topology over an SP-managed infrastructure. To measure traffic performance metrics, IP SLA senders on all spoke CE routers and an IP SLA responder on the hub CE router. What must they monitor to have visibility on the potential performance impact due to the constantly increasing number of spoke sites?

- A. CPU and memory usage on the spoke routers
- B. memory usage on the hub router
- C. interface buffers on the hub and spoke routers
- D. CPU usage on the hub router

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 80



Refer to the exhibit. In which two ways is this network impacted if link instability exists between R1 and R2?
(Choose two)

- A. R3 will be transit for traffic between R1 and R2.
- B. R1 will have routes in its routing table that originate from R2 and R3.
- C. R3 will have routes in its routing table that originate from R1 and R2.
- D. R2 will have routes in its routing table that originate from R1 and R3.
- E. R3 will not be transit for traffic between R1 and R2.

Answer: ([SHOW ANSWER](#))

Valid 352-001 Dumps shared by ExamDiscuss.com for Helping Passing 352-001 Exam! ExamDiscuss.com now offer the **newest 352-001 exam dumps**, the ExamDiscuss.com 352-001 exam **questions have been updated** and **answers have been corrected** get the **newest** ExamDiscuss.com 352-001 dumps with Test Engine here: <https://www.examdisscuss.com/Cisco/exam/352-001/premium/> (270 Q&As Dumps, **35%OFF** Special Discount Code: **freecram**)