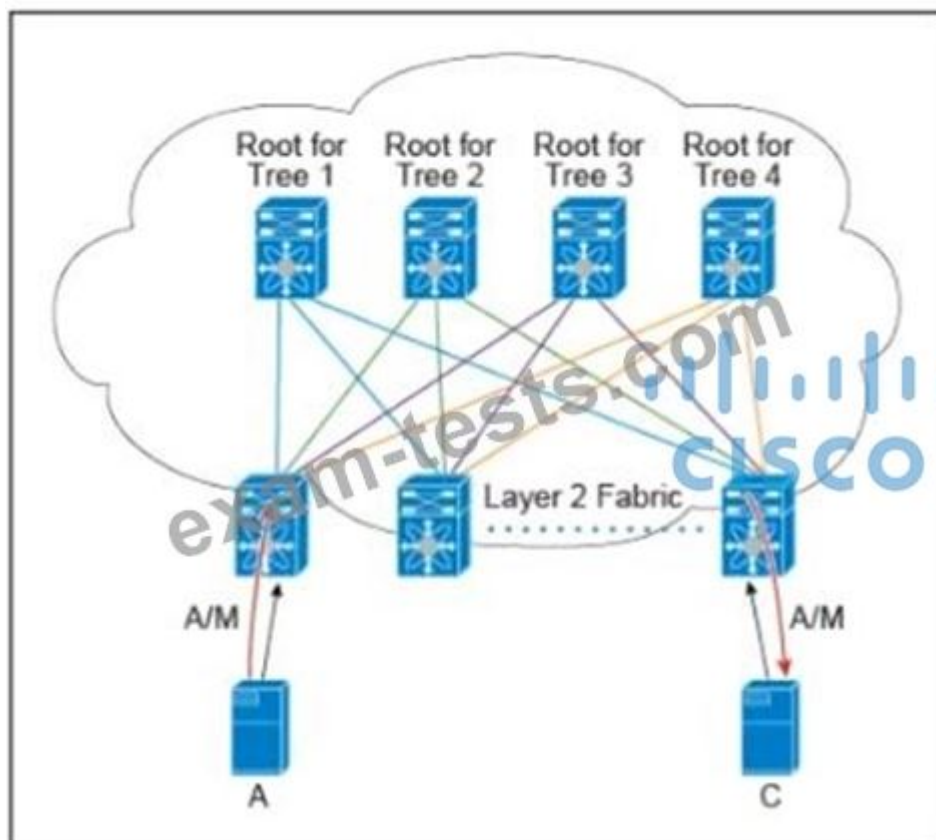


Cisco.400-007.v2024-06-14.q115

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https://www.exam-tests.com/400-007-exam/Cisco.400-007.v2024-06-14.q115.html	

NEW QUESTION: 1

Refer to the exhibit.



There are multiple trees in the Cisco FabricPath. All switches in the Layer 2 fabric share the same view of each tree. Which two concepts describe how the multicast traffic is load-balanced across this topology? (Choose two)

- A. Every leaf node assigns the specific (S,G) to the same tree.
- B. The multicast traffic is generally load-balanced across all trees
- C. All trees are utilized at the same level of the traffic rate

D. A specific (S.G) multicast traffic is load-balanced across all trees due to better link utilization efficiency.

E. A specific (S.G) traffic is not load-balanced

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

NEW QUESTION: 2

Which two technologies enable multilayer segmentation? (Choose two.)

A. data plane markings

B. segment routing

C. filter lists

D. firewalls

E. policy-based routing

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 3

Which issue poses a challenge for security architects who want end-to-end visibility of their networks?

A. too many overlapping controls

B. too many disparate solutions and technology silos

C. a network security skills shortage

D. an overabundance of manual processes

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

NEW QUESTION: 4

Various teams in different organizations within an enterprise are preparing low-level design documents to capture network parameters using a Waterfall project model:

* hardware sizing and power consumption

* Layer 2 and layer 3 services parameters

* configuration of all control plane protocols

Input from relevant stakeholders was captured at the start of the project, and the project scope has been defined based on the parameters above. What impact will it have on documentation and project deliverables if the stakeholders ask to have changes carried out in the network before the information has been captured?

A. Rework is expected before the delivery.

B. Significant effort and time are required.

C. This provides more opportunity to think outside the box.

D. This provides a flexible approach to incorporate changes.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

Customer XYZ network consists of an MPLS core. IS-IS running as IGP a pair of BGP route reflectors for route propagation, and a few dozens of MPLS-TE tunnels for specific tactical traffic engineering requirements. The customer's engineering department has some questions about the use of the Overload Bit in the IS-IS networks and how it could be used to improve their current network design. Which two concepts about the Overload Bit are true? (Choose two.)

- A. Networks advertised within the LSPs of the respective node will become unreachable
- B. It forces the midpoint MPLS-TE node to reoptimize the primary tunnels going through the OL node.
- C. It is not recommended on BGP Route Reflectors
- D. It can be set on a router until other interacting protocols have signaled convergence.
- E. It can be set on a router during the startup process for a fixed period of time

Answer: D,E ([LEAVE A REPLY](#))

NEW QUESTION: 6

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

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

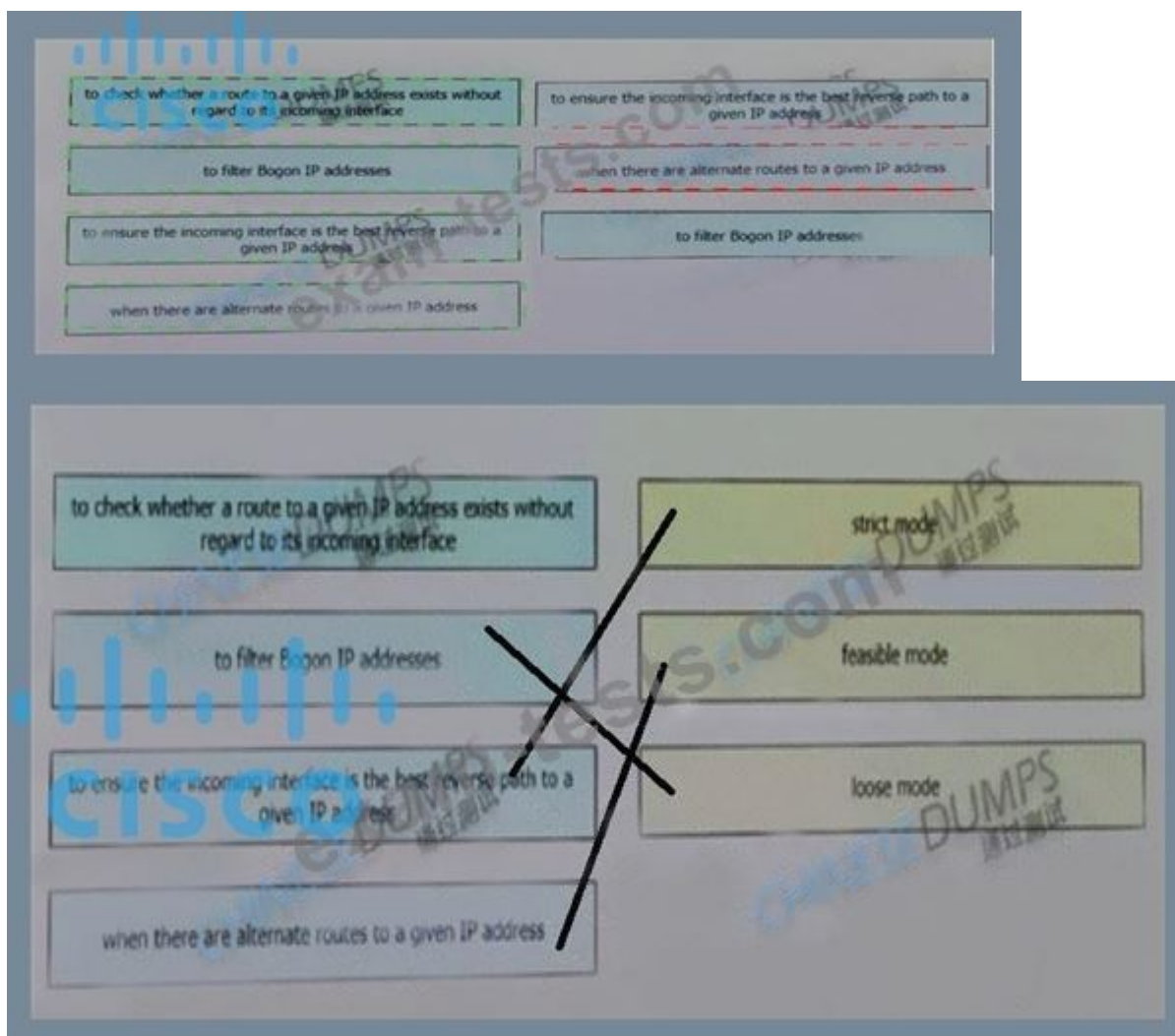
Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 7

Drag and drop the design use cases from the left onto the correct uRPF techniques used to prevent spoofing attacks Not all options are used.

The image shows a drag-and-drop interface for configuring uRPF. The left column contains four design use cases in blue boxes, and the right column contains three uRPF techniques in yellow boxes. The use cases are: 'to check whether a route to a given IP address exists without regard to its incoming interface', 'to filter Bogon IP addresses', 'to ensure the incoming interface is the best reverse path to a given IP address', and 'when there are alternate routes to a given IP address'. The techniques are: 'strict mode', 'feasible mode', and 'loose mode'. A Cisco logo is visible at the bottom center.

Answer:



NEW QUESTION: 8

Enterprise XYZ wants to implement fast convergence on their network and optimize timers for OSPF. However, they also want to prevent excess flooding of LSAs if there is a constantly flapping link on the network. Which timers can help prevent excess flooding of LSAs for OSPF?

- A. OSPF flooding timers
- B. OSPF delay timers
- C. OSPF propagation timers
- D. OSPF throttling timers

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

NEW QUESTION: 9

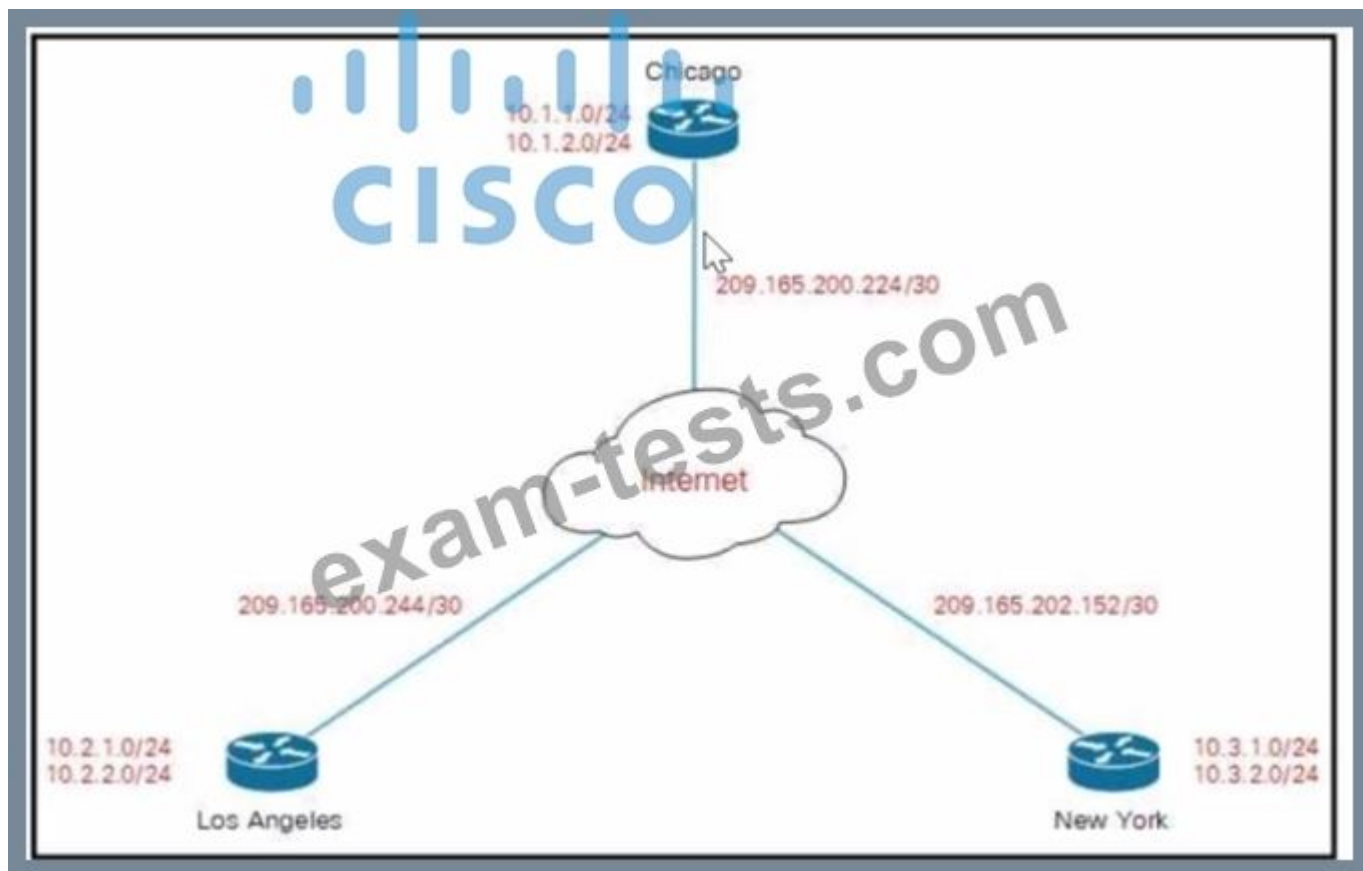
You are designing the routing design for two merging companies that have overlapping IP address space. Which of these must you consider when developing the routing and NAT design?

- A. Global to local NAT translation is done before routing.
- B. Global to local NAT translation is done after policy-based routing.
- C. Local to global NAT translation is done after routing.
- D. Local to global NAT translation is done before policy-based routing.

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

NEW QUESTION: 10

Refer to the exhibit.



Company XYZ must design a DMVPN tunnel between the three sites Chicago is going to act as the NHS and the company wants DMVPN to detect peer endpoint failures Which technology should be used in the design?

- A. IP SLA
- B. VPLS
- C. GRE
- D. L2TPv3

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

An MPLS service provider is offering a standard EoMPLS-based VPLS service to Customer A. providing Layer 2 connectivity between a central site and approximately 100 remote sites. Customer A wants to use the VPLS network to carry its internal multicast video feeds which are sourced at the central site and consist of 20 groups at Mbps each. Which service provider recommendation offers the most scalability?

- A. Use a mesh of GRE tunnels to carry the streams between sites
- B. EoMPLS-based VPLS can carry multicast traffic in a scalable manner
- C. Enable snooping mechanisms on the provider PE routers.
- D. Replace VPLS with a Layer 3 MVPN solution to carry the streams between sites

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 12

The network team in XYZ Corp wants to modernize their infrastructure and is evaluating an implementation and migration plan to allow integration MPLS-based, Layer 2 Ethernet services managed by a service provider to connect branches and remote offices. To decrease OpEx and improve

response times when network components fail, XYZ Corp decided to acquire and deploy new routers. The network currently is operated over E1 leased lines (2 Mbps) with a managed CE service provided by the telco.

Drag and drop the implementation steps from the left onto the corresponding targets on the right in the correct order.

Activation of the MPLS-based L2VPN service.	Step 1
Monitor performance of the Ethernet service for a predefined period of time.	Step 2
Decomission E1 leased line.	Step 3
Deployment of new branch routers.	Step 4
Test and validation of SLA parameters in the L2VPN.	Step 5
Migrate E1 to the new Ethernet service.	Step 6

Answer:

Activation of the MPLS-based L2VPN service.	Deployment of new branch routers.
Monitor performance of the Ethernet service for a predefined period of time.	Activation of the MPLS-based L2VPN service.
Decomission E1 leased line.	Test and validation of SLA parameters in the L2VPN.
Deployment of new branch routers.	Migrate E1 to the new Ethernet service.
Test and validation of SLA parameters in the L2VPN.	Monitor performance of the Ethernet service for a predefined period of time.
Migrate E1 to the new Ethernet service.	Decomission E1 leased line.

NEW QUESTION: 13

Refer to the exhibit.



This network is running OSPF and EIGRP as the routing protocols. Mutual redistribution of the routing protocols has been configured on the appropriate ASBRs. The OSPF network must be designed so that flapping routes in EIGRP domains do not affect the SPF runs within OSPF. The design solution must not affect the way EIGRP routes are propagated into the EIGRP domains. Which technique accomplishes the requirement?

- A. route summarization on the appropriate ASBRs.
- B. route summarization on EIGRP routers connecting toward the ASBR
- C. route summarization on the ASBR interfaces facing the OSPF domain
- D. route summarization on the appropriate ASBRs.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 14

Refer to the table.

CONNECTIVITY	CAPEX	OPEX ANNUAL	INSTALLATION FEE	TERM
DWDM over dark fiber	\$200,000	\$100,000	\$30,000	12 months
CWDM over dark fiber	\$150,000	\$100,000	\$25,000	18 months
MPLS wires only	\$50,000	\$180,000	\$5,000	12 months
Metro Ethernet	\$65,000	\$100,000	\$5,000	36 months

A customer investigates connectivity options for a DCI between two production data centers to aid a large-scale migration project. The migration is estimated to take 20 months to complete but might extend an additional 10 months if issues arise. All connectivity options meet the requirements to migrate workloads.

Which transport technology provides the best ROI based on cost and flexibility?

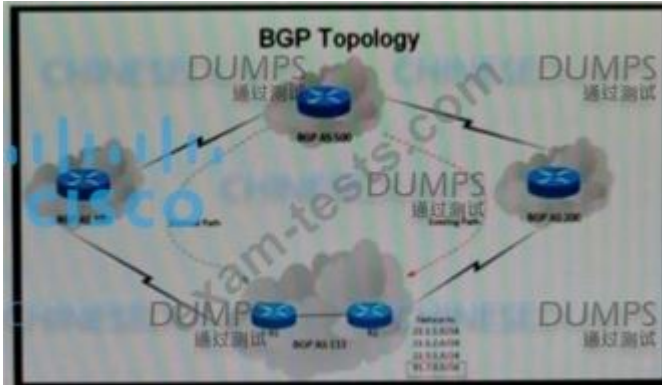
- A. DWDM over dark fiber
- B. MPLS
- C. Metro Ethernet

D. CWDM over dark fiber

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

NEW QUESTION: 15

Refer to the exhibit.



An engineer has been asked to redesign the traffic flow toward AS 111 coming from AS 500. Traffic destined to AS 111 network 91.7.0.0/16 should come in via AS 100. while traffic destined to all other networks in AS 111 should continue to use the existing path. Which BGP attributes are best suited to control this inbound traffic coming from BGP AS 500 into the 91.7.0.0/16 network?

- A. Set higher MED for neighbor in AS 100 to influence incoming traffic for the 91.7.0.0/16 network.
- B. Prepend AS path for the 91.7.0.0/16 network and set it for neighbor in AS 200.
- C. Use extended community for the 91.7.0.0/16 network, not advertising it to the bi-lateral peer.
- D. Use local preference on R1 for the networks that AS 500 advertises to AS 111.

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

NEW QUESTION: 16

Company XYZ has 30 sites running a legacy private WAN architecture that connects to the Internet via multiple high-speed connections. The company is now redesigning their network and must comply with these design requirements:

- * Use a private WAN strategy that allows the sites to connect to each other directly and caters for future expansion.
- * Use the Internet as the underlay for the private WAN.
- * Securely transfer the corporate data over the private WAN.

Which two technologies should be incorporated into the design of this network? (Choose two.)

- A. DMVPN
- B. GET VPN
- C. S-VTI
- D. PPTP
- E. IPsec

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

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<https://www.braindumpsPass.com/Cisco/400-007-practice-exam-dumps.html> (400 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 17

Company XYZ is planning to deploy primary and secondary (disaster recovery) data center sites. Each of these sites will have redundant SAN fabrics and data protection is expected between the data center sites. The sites are 100 miles (160 km) apart and target RPO/RTO are 3 hrs and 24 hrs, respectively. Which two considerations must Company XYZ bear in mind when deploying replication in their scenario? (Choose two.)

- A. Asynchronous data replication should be used in this scenario to avoid performance impact in the primary site.
- B. Target RPO/RTO requirements cannot be met due to the one-way delay introduced by the distance between sites.
- C. VSANs must be routed between sites to isolate fault domains and increase overall availability.
- D. VSANs must be extended from the primary to the secondary site to improve performance and availability.
- E. Synchronous data replication must be used to meet the business requirements

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

NEW QUESTION: 18

Which DCI technology utilizes a "flood and learn" technique to populate the Layer2 forwarding table?

- A. EVPN
- B. VPLS
- C. LISP
- D. OTV

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

NEW QUESTION: 19

What are two common approaches to analyzing and designing networks? (Choose two.)

- A. three-tier approach
- B. high-low security approach
- C. bottom-up approach
- D. top-down approach
- E. left-right approach

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 20

Company ABC uses IPv4-only. Recently they started deploying new endpoint devices. For operational reasons, IPv6 cannot be disabled on these new endpoint devices. Which security measure prevents the new endpoint from learning an IPv6 prefix from an attacker?

- A. Secure Neighbor Discovery
- B. Source Guard and Prefix Guard
- C. Prefix Guard
- D. Router Advertisement Guard

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 21

A multicast network is using Bidirectional PIM. Which two combined actions achieve high availability so that two RPs within the same network can act in a redundant manner? (Choose two)

- A. Use two phantom RP addresses
- B. Manipulate the administration distance of the unicast routes to the two RPs
- C. Manipulate the multicast routing table by creating static mroutes to the two RPs
- D. Advertise the two RP addresses in the routing protocol
- E. Use anycast RP based on MSDP peering between the two RPs
- F. Control routing to the two RPs through a longest match prefix

Answer: ([SHOW ANSWER](#))

<https://community.cisco.com/t5/networking-knowledge-base/rp-redundancy-with-pim-bidir-phantom-rp/ta-p/3117191>

NEW QUESTION: 22

Which two control plane policer designs must be considered to achieve high availability? (Choose two.)

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

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

NEW QUESTION: 23

Refer to the table.

CONNECTIVITY	CAPEX	OPEX ANNUAL	INSTALLATION FEE	TERM
DWDM over dark fiber	\$250,000	\$100,000	\$30,000	12 months
CWDM over dark fiber	\$150,000	\$100,000	\$25,000	18 months
MPLS wires only	\$50,000	\$80,000	\$5,000	24 months
Metro Ethernet	\$45,000	\$100,000	\$5,000	36 months

A customer investigates connectivity options for a DCI between two production data centers to aid a large-scale migration project. The solution must provide a single 10G connection between locations and be able to run its own varying QoS profiles without service provider interaction based on the migration stages.

All connectivity methods are at 10 Gbps. Which transport technology costs the least if the connectivity is required for just one year?

- A. Metro Ethernet
- B. MPLS wires only
- C. CWDM over dark fiber
- D. DWDM over dark fiber

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

NEW QUESTION: 24

What are two descriptions of network optimization? (Choose two.)

- A. proactive network management
- B. network redesign
- C. identify network requirements
- D. maintain high availability
- E. network health maintenance

Answer: D,E ([LEAVE A REPLY](#))

NEW QUESTION: 25

Refer to the exhibit.



As part of a redesign project, you must predict multicast behavior. What happens to the multicast traffic received on the shared tree (*,G), if it is received on the LHR interface indicated*?

- A. It is switched given that no RPF check is performed
- B. It is switched due to a successful RPF check against the routing table
- C. It is dropped due to an unsuccessful RPF check against the multicast source
- D. It is dropped due to an unsuccessful RPF check against the multicast receiver.

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

NEW QUESTION: 26

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

- A. The overall transport jitter 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 delay decreases and quality improves.

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

NEW QUESTION: 27

A Tier-3 Service Provider is evolving into a Tier-2 Service Provider due to the amount of Enterprise business it is receiving. The network engineers are re-evaluating their IP/MPLS design considerations in order to support duplicate/overlapping IP addressing from their Enterprise customers within each Layer3 VPN. Which concept would need to be reviewed to ensure stability in their network?

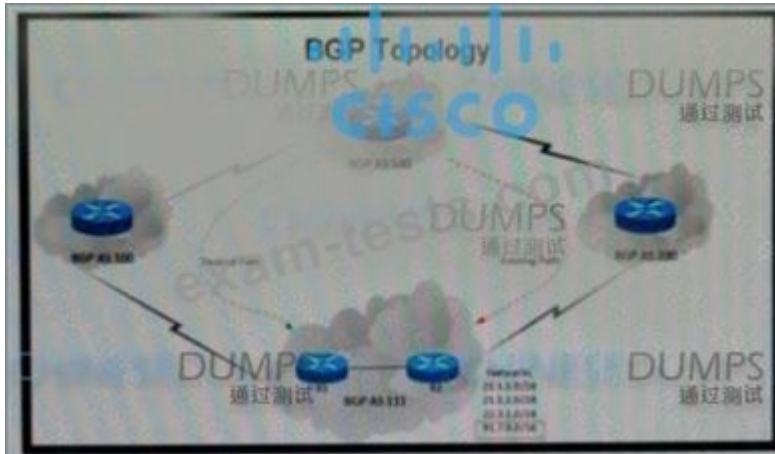
- A. Assigning unique IP address space for the Enterprise NAT/Firewalls
- B. Assigning unique Route Target ID'S
- C. Assigning unique VRF ID's to each L3VPN

D. Assigning unique Route Distinguishers

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 28

Refer to the exhibit.



An engineer has been asked to redesign the traffic flow toward AS 111 coming from AS 500. Traffic destined to AS 111 network 91.7.0.0/16 should come in via AS 100. while traffic destined to all other networks in AS

111 should continue to use the existing path Which BGP attributes are best suited to control this inbound traffic coming from BGP AS 500 Into the 91.7.0.0/16 network?

- A. Use extended community for the 91.7.0.0/16 network, not advertising it to the bi-lateral peer.
- B. Set higher MED for neighbor in AS 100 to influence incoming traffic for the 91.7.0.0/16 network.
- C. Use local preference on R1 for the networks that AS 500 advertises to AS 111.
- D. Prepend AS path for the 91.7.0.0/16 network and set it for neighbor in AS 200.

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

NEW QUESTION: 29

Which two actions must merchants do to be compliant with the Payment Card Industry Data Security Standard? (Choose two.)

- A. establish risk management policies
- B. establish monitoring policies
- C. install firewalls
- D. use antivirus software
- E. conduct risk analyses

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

NEW QUESTION: 30

Identity and access management between multiple users and multiple applications has become a mandatory requirement for Company XYZ to fight against ever increasing cybersecurity threats. To achieve this, federated identity services have been deployed in the Company XYZ network to

provide single sign-on and Multi-Factor Authentication for the applications and services. Which protocol can be used by Company XYZ to provide authentication and authorization services?

- A. SAML2.0
- B. OAuth2
- C. OpenID Connect
- D. OpenID

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

NEW QUESTION: 31

According to the CIA triad principles for network security design, which principle should be priority for a Zero Trust network?

- A. requirement for data-in-motion encryption and 2FA authentication
- B. categorization of systems, data, and enterprise BYOD assets that are connected to network zones based on individual privacy needs
- C. requirement for data-at-rest encryption for user identification within the VPN termination hardware
- D. ensuring that authorized users have high-availability system access from defined zones to defined systems or zones

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

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<https://www.braindumpsPASS.com/Cisco/400-007-practice-exam-dumps.html> (400 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 32

A green data center is being deployed and a design requirement is to be able to readily scale server virtualization Which IETF standard technology can provide this requirement?

- A. data center bridging
- B. fabric path
- C. Transparent Interconnection of Lots of Links
- D. unified fabric

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

NEW QUESTION: 33

The Layer 3 control plane is the intelligence over the network that steers traffic toward its intended destination. Which two techniques can be used in service provider-style networks to offer a more dynamic, flexible, controlled, and secure control plane design? (Choose two.)

- A. remote black-holing trigger
- B. access control lists
- C. QoS policy propagation with BGP
- D. firewalls
- E. prefix lists

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 34

Drag and drop the design use cases from the left onto the correct uRPF techniques used to prevent spoofing attacks. Not all options are used.

Design use cases (left):

- to check whether a route to a given IP address exists without regard to its incoming interface
- to filter Bogon IP addresses
- to ensure the incoming interface is the best reverse path to a given IP address
- when there are alternate routes to a given IP address

uRPF techniques (right):

- strict mode
- feasible mode
- loose mode

Answer:

Design use cases (left):

- to check whether a route to a given IP address exists without regard to its incoming interface
- to filter Bogon IP addresses
- to ensure the incoming interface is the best reverse path to a given IP address
- when there are alternate routes to a given IP address

uRPF techniques (right):

- strict mode
- feasible mode
- loose mode

NEW QUESTION: 35

Which purpose of a dynamically created tunnel interface on the design of IPv6 multicast services is true?

- A. transport of all IPv6 multicast traffic

- B. first-hop router registration to the RP
- C. multicast client registration to the RP
- D. multicast source registration to the RP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 36

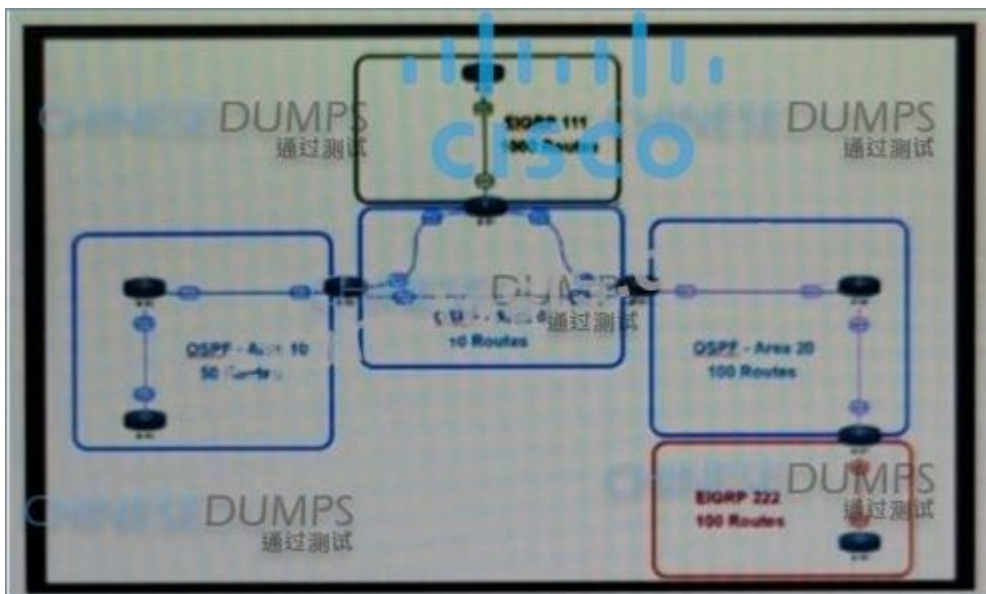
Your company wants to deploy a new data center infrastructure Based on the requirements you have chosen VXLAN as encapsulation technology The customer is concerned about miss-configuration of Layer 2 devices and DC wide outages caused by Layer 2 loops What do you answer?

- A. VPC+ could prevent L2 loop on access ports
- B. Storm Control should be enabled on all ports
- C. VXLAN offers native loop avoidance mechanism
- D. BPDU Guard should be enabled on all VTEP access ports

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

NEW QUESTION: 37

Refer to the exhibit.



An engineer is designing a multiarea OSPF network for a client who also has a large EIGRP domain EIGRP routes are getting redistributed into OSPF ,OSPF area 20 has routers with limited memory and CPU resources The engineer wants to block routes from EIGRP 111 from propagating into area 20 and allow EIGRP 222 routes to How in Which OSPF area type fulfills this design requirement?

- A. area 20 as a stub area
- B. type 3 LSA filtering on the ABR between area 0 area 20
- C. type 5 LSA filtering on the ASBR between EIGRP 111 and area a
- D. area 20 as a NSSA area

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 38

A customer migrates from a traditional Layer 2 data center network into a new SDN-based spine-and-leaf VXLAN EVPN data center within the same location. The networks are joined to enable host migration at Layer 2. What is the final migration step after hosts have physically migrated to have traffic flowing through the new network without changing any host configuration?

- A. Shut down legacy infrastructure to allow VXLAN gateways to become active
- B. Shut down legacy Layer 3 SVIs and activate new preconfigured Layer 3 SVIs on VXLAN
- C. Increase VRRP priorities on new infrastructure over legacy VRRP values, then shut down legacy SVIs
- D. Shut down legacy Layer 3 SVIs, clear ARP caches on all hosts being migrated and then configure the legacy VRRP address onto new VXLAN core switches

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 39

Which design benefit of bridge assurance is true?

- A. It prevents switched traffic from traversing suboptimal paths on the network.
- B. It prevents switch loops caused by unidirectional point-to-point link condition on Rapid PVST+ and MST
- C. It allows small, unmanaged switches to be plugged into ports of access switches without the risk of switch loops.
- D. It supposes a spanning-tree topology change upon connecting and disconnecting a station on a port

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 40

Which architecture does not require an explicit multicast signaling protocol, such as PIM or P2MP, to signal the multicast state hop-by-hop, but instead uses a link state protocol to advertise the multicast forwarding state?

- A. Bi-directional implicit replication
- B. Bit indexed explicit replication
- C. Binary indexed explicit routing
- D. Binary intermediate enhanced routing

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

NEW QUESTION: 41

Company XYZ is designing the network for IPv6 security and they have these design requirements:

- * A switch or router must deny access to traffic from sources with addresses that are correct, but are topologically incorrect

* Devices must block Neighbor Discovery Protocol resolution for destination addresses that are not found in the binding table.

Which two IPv4 security features are recommended for this company? (Choose two)

- A. IPv6 DHCP Guard
- B. IPv6 Prefix Guard
- C. IPv6 RA Guard
- D. IPv6 Source Guard
- E. IPv6 Destination Guard

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

NEW QUESTION: 42

Refer to the table.

CONNECTIVITY	CAPEX	OPEX ANNUAL	INSTALLATION FEE	TERM
DWDM over dark fiber	\$250,000	\$100,000	\$30,000	60 months
CWDM over dark fiber	\$150,000	\$100,000	\$25,000	60 months
MPLS	\$50,000	\$150,000	\$75,000	12 months
Metro Ethernet	\$45,000	\$125,000	\$5,000	36 months

A customer investigates connectivity options for a DCI between two production data centers. The solution must provide dual 10G connections between locations with no single points of failure for Day 1 operations. It must also include an option to scale for up to 20 resilient connections in the second year to accommodate isolated SAN over IP and isolated, dedicated replication IP circuits. All connectivity methods are duplex 10 Gbps. Which transport technology costs the least over two years, in the scenario?

- A. DWDM
- B. Metro Ethernet
- C. MPLS
- D. CWDM

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

NEW QUESTION: 43

Which two impacts of adding the IP event dampening feature to a network design are true? (Choose two.)

- A. It reduces the utilization of system processing resources.
- B. It speeds up link failure detection.
- C. It improves overall network stability.
- D. It switches traffic immediately after a link failure.
- E. It protects against routing loops.

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

NEW QUESTION: 44

Which two protocols are used by SDN controllers to communicate with switches and routers? (Choose two)

- A. OpenFlow
- B. NetFlash
- C. OpenFlash
- D. NetFlow
- E. Open vSwitch Database

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

NEW QUESTION: 45

Which network management framework can be used to develop a network architecture that contains business requirements analysis, gap analysis, and network diagrams as artifacts to be used for design and implementation later?

- A. FCAPS
- B. ITIL
- C. TOG
- D. Cobit

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

NEW QUESTION: 46

What are two advantages of controller-based networks versus traditional networks? (Choose two.)

- A. more flexible configuration per device
- B. more consistent device configuration
- C. the ability to configure the features for the network rather than per device
- D. programmatic APIs that are available per device
- E. the ability to have forwarding tables at each device

Answer: ([SHOW ANSWER](#))

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NEW QUESTION: 47

Refer to the exhibit.



Traffic was equally balanced between Layer 3 links on core switches SW1 and SW2 before an introduction of the new video server in the network. This video server uses multicast to send video streams to hosts and now one of the links between core switches is over utilized Which design solution solves this issue?

- A. Add more links between core switches.
- B. Aggregate links Layer 2 link aggregation.
- C. Apply a more granular load-balancing method on SW2.
- D. Filter IGMP joins on an over -utilized link.
- E. Apply a more granular load- balancing method on SW1.

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

NEW QUESTION: 48

If the desire is to connect virtual network functions together to accommodate different types of network service connectivity what must be deployed?

- A. bridging
- B. service chaining
- C. linking
- D. daisy chaining
- E. switching

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

Service chaining is the technique of connecting virtual network functions together to provide different types of network service connectivity. Service chaining uses software-defined networking (SDN) programmability to create a chain of connected network services, such as firewalls, load balancers, NAT, and intrusion protection. Service chaining can automate the provisioning of network applications that have different characteristics and requirements, such as security, latency, or quality of service (QoS). Service chaining can also optimize the use of network resources and improve application performance by using SDN analytics and performance tools to select the best available network paths and avoid network congestion. Service chaining is being

used in many SDN and network functions virtualization (NFV) use cases and deployments, such as data centers, carrier networks, and virtual customer edge¹²³. Reference:

1: What is Network Service Chaining or Service Function Chaining - SDxCentral

2: On service chaining using Virtual Network Functions in Network-enabled Cloud systems | IEEE Conference Publication | IEEE Xplore

3: Service function chaining - Gini5

NEW QUESTION: 49

A financial company requires that a custom TCP-based stock-trading application be prioritized over all other traffic for the business due to the associated revenue. The company also requires that VoIP be prioritized for manual trades. Which directive should be followed when a QoS strategy is developed for the business?

- A. Allow VoIP and the custom application to share the same priority queue,
- B. Interleave the custom application with other TCP applications in the same CBWR
- C. The custom application and VoIP must be assigned their own separate priority queue.
- D. Avoid placing the custom application in a CBWFQ queue that contains other

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

NEW QUESTION: 50

Which component of the SDN architecture automatically ensures that application traffic is routed according to policies established by network administrators?

- A. packet forwarding engine
- B. SDN controller
- C. southbound API
- D. northbound API

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

NEW QUESTION: 51

How can EIGRP topologies be designed to converge as fast as possible in the event of a point-to-point link failure?

- A. Limit the query domain by use of summarization.
- B. Build neighbor adjacencies in a triangulated fashion.
- C. Limit the query domain by use of default routes.
- D. Limit the query domain by use of distribute lists.
- E. Build neighbor adjacencies in squared fashion.

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

NEW QUESTION: 52

Which SDN architecture component is used by the application layer to communicate with the control plane layer to provide instructions about the resources required by applications?

- A. northbound APIs

- B. southbound APIs
- C. orchestration layer
- D. SDN controller

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

NEW QUESTION: 53

An engineer is designing the QoS strategy for Company XYZ. Based on initial analysis, a lot of scavenger type of traffic is traversing the network's 20Mb Internet link toward the service provider. The new design must use a QoS technique that limits scavenger traffic to 2 Mbps, which helps avoid oversubscription of the link during times of congestion. Which QoS technique can be used to facilitate this requirement?

- A. class-based traffic shaping
- B. LLQ
- C. CBWFQ
- D. class-based traffic policing

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

NEW QUESTION: 54

You are designing the QoS policy for a company that is running many TCP-based applications. The company is experiencing tail drops for these applications. The company wants to use a congestion avoidance technique for these applications. Which QoS strategy can be used to fulfill the requirement?

- A. first-in first-out
- B. weighted fair queuing
- C. low-latency queuing
- D. weighted random early detection

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

NEW QUESTION: 55

What are two examples of business goals to be considered when a network design is built? (Choose two.)

- A. minimize operational costs
- B. standardize resiliency
- C. ensure faster obsolescence
- D. reduce complexity
- E. integrate endpoint posture

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

NEW QUESTION: 56

Which effect of using ingress filtering to prevent spoofed addresses on a network design is true?

- A. It Classifies bogus traffic and remarks it with DSCP bulk.

- B. It protects the network Infrastructure against spoofed DDoS attacks.
- C. It filters RFC 1918 IP addresses.
- D. It reduces the effectiveness of DDoS attacks when associated with DSCP remarking to Scavenger.

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

NEW QUESTION: 57

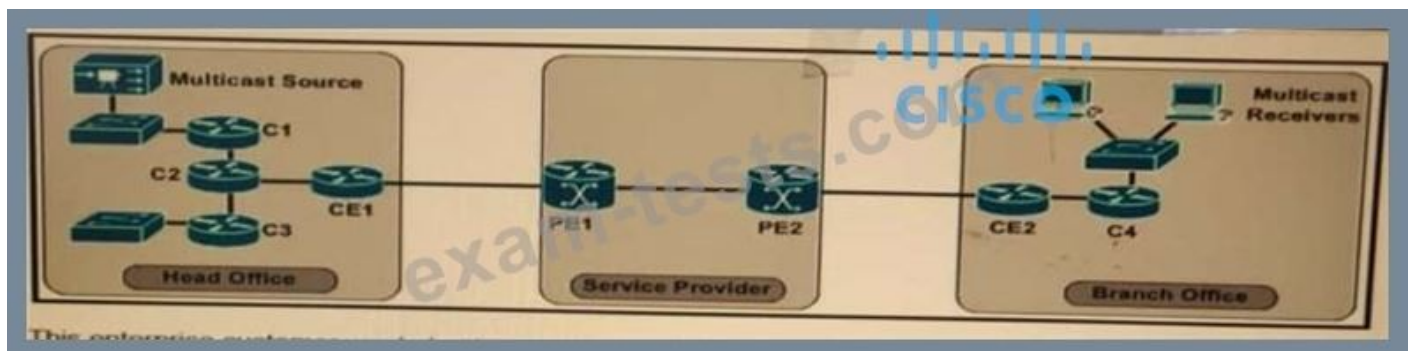
Which technology supports antispoofing and does not have any impact on encryption performance regardless of packet size?

- A. MACsec
- B. IPsec
- C. DHCP snooping with DAI
- D. IP source guard

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 58

Refer to the exhibit.



The enterprise customer wants to stream one-way video from their head office to eight branch offices using multicast. Their current service provider provides a Layer3 VPN solution and manages the CE routers, but they do not currently support multicast. Which solution quickly allows this multicast traffic to go through while allowing for future scalability?

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

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

NEW QUESTION: 59

Refer to the table.

CONNECTIVITY	CAPEX	OPEX ANNUAL	INSTALLATION FEE	TERM
DWDM over dark fiber	\$250,000	\$100,000	\$30,000	60 months
CWDM over dark fiber	\$150,000	\$100,000	\$25,000	60 months
MPLS	\$50,000	\$150,000	\$75,000	12 months
Metro Ethernet	\$45,000	\$125,000	\$5,000	36 months

A customer investigates connectivity options for a DCI between two production data centers. The solution must provide dual 10G connections between locations with no single points of failure for Day 1 operations. It must also include an option to scale for up to 20 resilient connections in the second year to accommodate isolated SAN over IP and isolated, dedicated replication IP circuits. All connectivity methods are duplex 10 Gbps. Which transport technology costs the least over two years, in the scenario?

- A. Metro Ethernet
- B. CWDM
- C. MPLS
- D. DWDM

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

NEW QUESTION: 60

Company XYZ, a global content provider, owns data centers on different continents. Their data center design involves a standard three-layer design with a Layer 3-only core. VRRP is used as the FHRP. They require VLAN extension across access switches in all data centers, and they plan to purchase a Layer 2 interconnection between two of their data centers in Europe in the absence of other business or technical constraints. Which termination point is optimal for the Layer 2 interconnection?

- A. at the access layer because the STP root bridge does not need to align with the VRRP active node
- B. at the core layer because all external connections must terminate there for security reasons
- C. at the aggregation layer because it is the Layer 2 to Layer 3 demarcation point
- D. at the core layer, to offer the possibility to isolate STP domains

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

NEW QUESTION: 61

An architect receives a business requirement from a CTO that states the RTO and RPO for a new system should be as close as possible to zero. Which replication method and data center technology should be used?

- A. synchronous replication over dual data centers via Metro Ethernet
- B. asynchronous replication over dual data centers via DWDM
- C. synchronous replication over geographically dispersed dual data centers via MPLS
- D. asynchronous replication over geographically dispersed dual data centers via CWDM

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

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NEW QUESTION: 62

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- D. Implement hub and spoke MPLS VPN over DMVPN (also known as 2547o DMVPN) between CE1 and CE2
- E. The service provider must provide a Draft Rosen solution to enable a GRE tunnel between nodes PE1 and PE2

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

NEW QUESTION: 63

What is the most important operational driver when building a resilient and secure modular network design?

- A. Minimize app downtime
- B. Reduce the frequency of failures requiring human intervention
- C. Increase time spent on developing new features
- D. Dependencies on hardware or software that is difficult to scale

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

NEW QUESTION: 64

Your network operations team is deploying Access Control Lists (ACLs) across your Internet gateways. They wish to place an ACL inbound on the Internet gateway interface facing the core network (the "trusted" interface). Which IP address would the ACL need for traffic sourced from the inside interface, to match the source address of the traffic?

- A. outside global
- B. inside local
- C. outside local
- D. inside global

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

NEW QUESTION: 65

Which action must be taken before new VoIP systems are implemented on a network to ensure that the network is ready to handle the traffic?

- A. high latency
- B. low bandwidth
- C. security
- C scalability

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 66

Company XYZ plans to run OSPF on a DMVPN network. They want to use spoke-to-spoke tunnels in the design. What is a drawback or concern in this type of design?

- A. There will be split-horizon issue at the hub
- B. Additional host routes will be inserted into the routing tables
- C. Manual configuration of the spoke IP address on the hub will be needed
- D. Manual configuration of the spokes with the appropriate priority will be needed

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

NEW QUESTION: 67

An engineer must design a network for a company that uses OSPF LFA to reduce loops. Which type of loop would be reduced by using this design?

- A. REP
- B. micro loops
- C. DTP
- D. STP

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

NEW QUESTION: 68

A multicast network is using Bidirectional PIM. Which two combined actions achieve high availability so that two RPs within the same network can act in a redundant manner? (Choose two)

- A. Manipulate the multicast routing table by creating static mroutes to the two RPs
- B. Manipulate the administration distance of the unicast routes to the two RPs
- C. Advertise the two RP addresses in the routing protocol
- D. Control routing to the two RPs through a longest match prefix
- E. Use two phantom RP addresses
- F. Use anycast RP based on MSDP peering between the two RPs

Answer: D,E ([LEAVE A REPLY](#))

NEW QUESTION: 69

Which actions are performed at the distribution layer of the three-layer hierarchical network design model? (Choose two)

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

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

NEW QUESTION: 70

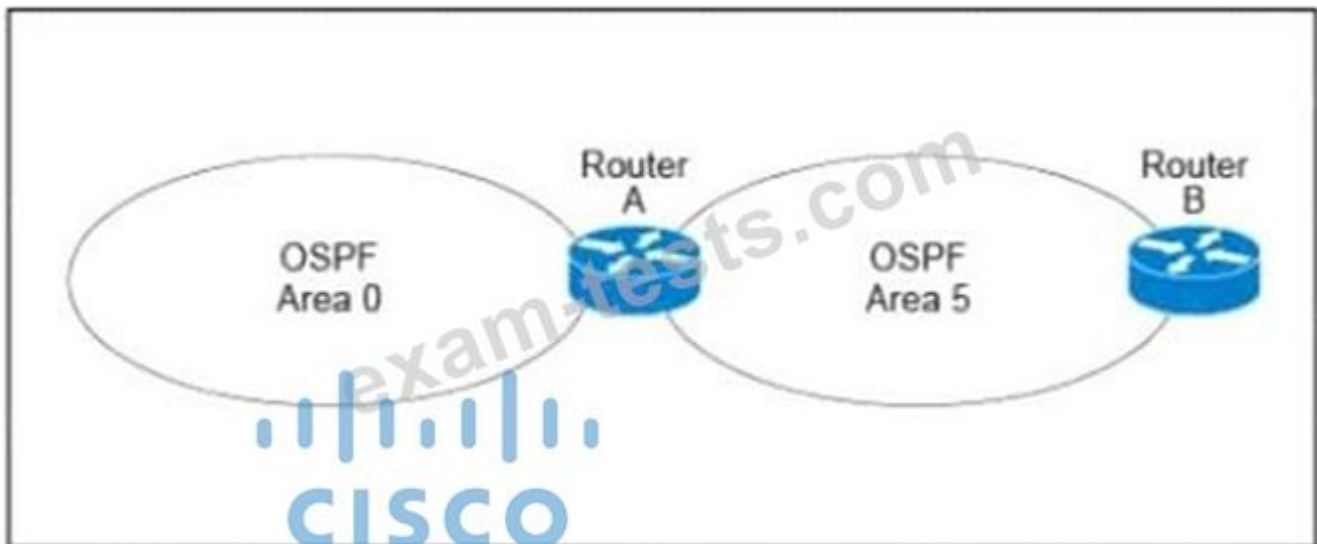
An enterprise solution team is performing an analysis of multilayer architecture and multicontroller SDN solutions for multisite deployments. The analysis focuses on the ability to run tasks on any controller via a standardized interface. Which requirement addresses this ability on a multicontroller platform?

- A. Use OpenFlow to implement and adapt new protocols.
- B. Use the East-West API to facilitate replication between controllers within a cluster.
- C. Deploy a root controller to gather a complete network-level view.
- D. Build direct physical connectivity between different controllers.

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

NEW QUESTION: 71

Refer to the exhibit.



A customer runs OSPF with Area 5 between its aggregation router and an internal router. When a network change occurs in the backbone, Area 5 starts having connectivity issues due to the SPF algorithm recalculating an abnormal number of times in Area 5. You are tasked to redesign this network to increase resiliency on the customer network with the caveat that Router B does not support the stub area. How can you accomplish this task*?

- A. Implement LSA filtering on the ABR, allowing summary routes and preventing more specific routes into Area 5
- B. Increase the bandwidth on the connection between Router A and Router B
- C. Create a virtual link to Area 0 from Router B to the ABR
- D. Turn on LSA throttling on all devices in Area 5
- E. Set Area 5 to stubby at the ABR anyway

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

NEW QUESTION: 72

Which action must be taken before new VoIP systems are implemented on a network to ensure that the network is ready to handle the traffic?

- A. Make recommendations to limit the size of the half-open session table on routers
- B. Check if anomaly detection is enabled for SIP and H.323 on Layer 3 devices
- C. Enable special requirements such as direct DID lines on pickup
- D. Evaluate bandwidth utilization and connection quality

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

NEW QUESTION: 73

Company XYZ has 30 sites using MPLS L3 VPN and the company is now concerned about data integrity. The company wants to redesign the security aspect of their network based on these requirements:

- * Securely transfer the corporate data over the private WAN
- * Use a centralized configuration model.
- * Minimize overhead on the tunneled traffic.

Which technology can be used in the new design to meet the company's requirements?

- A. DMVPN
- B. GET VPN
- C. MGRE
- D. S-VTI

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

NEW QUESTION: 74

A legacy enterprise is using a Service Provider MPLS network to connect its head office and branches. Recently, they added a new branch to their network. Due to physical security concerns, they want to extend their existing IP CCTV network of the head office to the new branch, without any routing changes in the network. They are also under some time constraints. What is the best approach to extend the existing IP CCTV network to the new branch, without incurring any IP address changes?

- A. VXLAN
- B. EoMPLS
- C. GRE
- D. L2TPv3

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

NEW QUESTION: 75

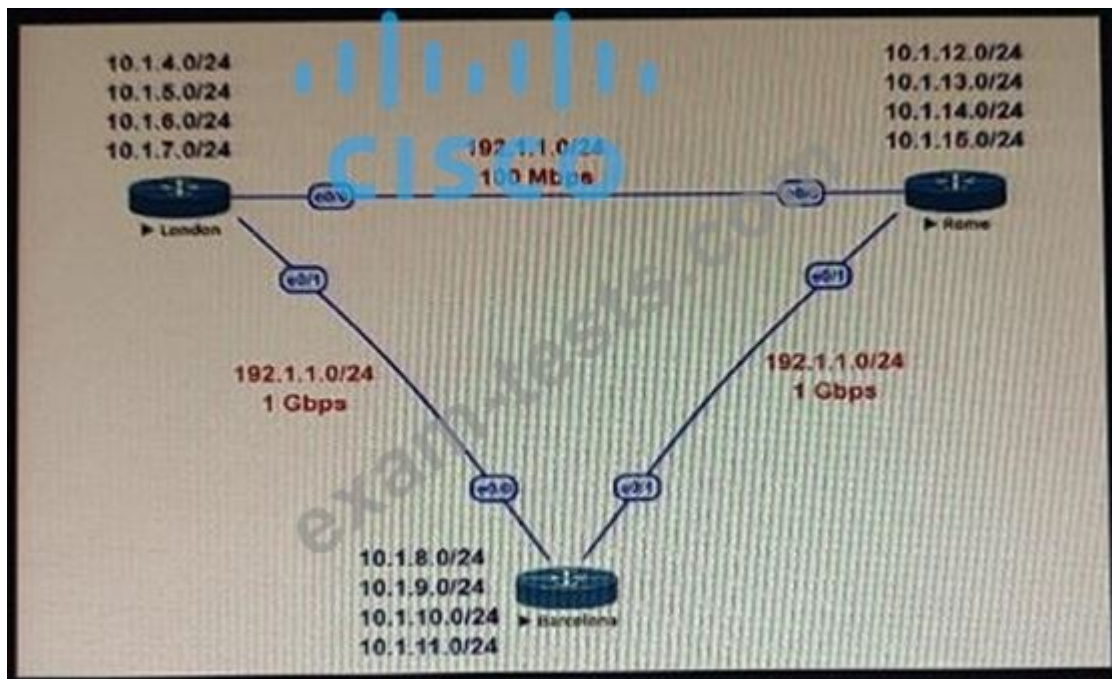
Which two statements describe the usage of the IS-IS overload bit technique? (Choose two)

- A. It can be used to automatically synchronize the link-state database between Level 1 intermediate systems
- B. It can be set in intermediate systems (IS-IS routers) to avoid traffic black holes until routing protocols are fully converged after a reload operation.
- C. It can be set in intermediate systems (IS-IS routers) to prioritize control plane CSNP packets.
- D. It can be set in intermediate systems (IS-IS routers) to attract transit traffic from other intermediate systems
- E. If overload-bit is set on a Level 2 intermediate system, the other Level 2 intermediate systems in the topology will stop using the overloaded IS to forward Level 2 traffic However, the intermediate system can still forward Level 1 traffic

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

NEW QUESTION: 76

Refer to the exhibit.



This network is running OSPF as the routing protocol. The internal networks are being advertised in OSPF. London and Rome are using the direct link to reach each other, although the transfer rates are better via Barcelona. Which OSPF design change allows OSPF to calculate the proper costs?

- A. Filter the routes on the link between London and Rome
- B. Change the interface bandwidth on all the links.
- C. Implement OSPF summarisation to fix the issue
- D. Change the OSPF reference bandwidth to accommodate faster links.

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

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NEW QUESTION: 77

In search of a system capable of hosting, monitoring compiling. and testing code in an automated way, what can be recommended to the organization?

- A. Perl
- B. Jenkins
- C. Ansible
- D. Chef

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

NEW QUESTION: 78

Drag and drop the FCAPS network management reference models from the left onto the correct definitions on the right.

Fault Management	ensures that network transit quality remains at acceptable levels
Configuration Management	gathers usage statistics for users and business units
Accounting Management	gathers and stores configuration code from network devices
Performance Management	recognizes, isolates, corrects, and logs events that occur in the network
Security Management	controls access to assets in the network

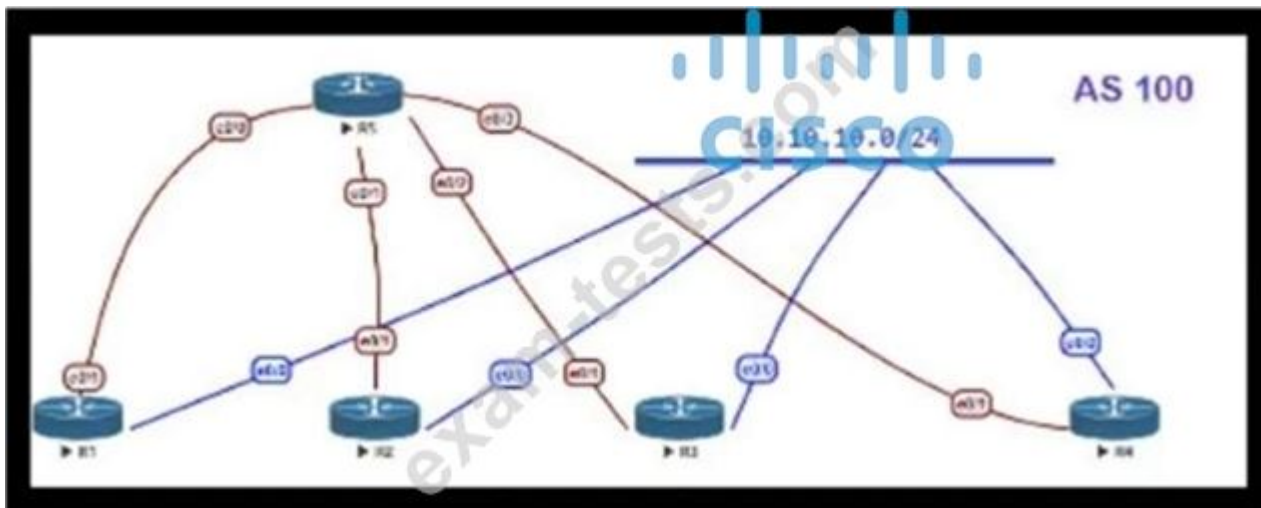
Answer:

Fault Management	Performance Management
Configuration Management	Accounting Management
Accounting Management	Configuration Management
Performance Management	Fault Management
Security Management	Security Management

Fault Management = Recognize, isolates, corrects, and logs events that occur in the network
Configuration Management = Gathers and stores configuration code from network devices
Performance Management = ensures that network transit quality remains at acceptable levels
Security Management = Controls access to assets in the network
Accounting Management = gathers usage statistics for users and business units

NEW QUESTION: 79

Refer to the exhibit.



OSPF is running as the IGP to provide reachability to all AS100 networks R3 and R4 are the current ABRs at the boundary of OSPF Area0 and Area1 Now BGP must be deployed within AS 100 because it will be receiving Internet routes from its eBGP peers (the service provider) connected to R1 and R2 What is an optimal solution for this deployment to configure BGP relationships and redistribute BGP learned routes into OSPF?

- A. R5 should be configured as a route reflector for R1, R2, R3 and R4. BGP routes must be redistributed at R1 and R2 into OSPF.
- B. Configuration should be set up with R1 and R2, and R3 in one sub AS, with and R4 in another, and redistribution at R1 and R2.
- C. R1, R2, R3 and R4 must be set up with a neighbor relationship with R5 only must not be a route reflector.
- D. A full mesh should be deployed between all the routers with mutual redistribution to take place at R1 and R2.

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

NEW QUESTION: 80

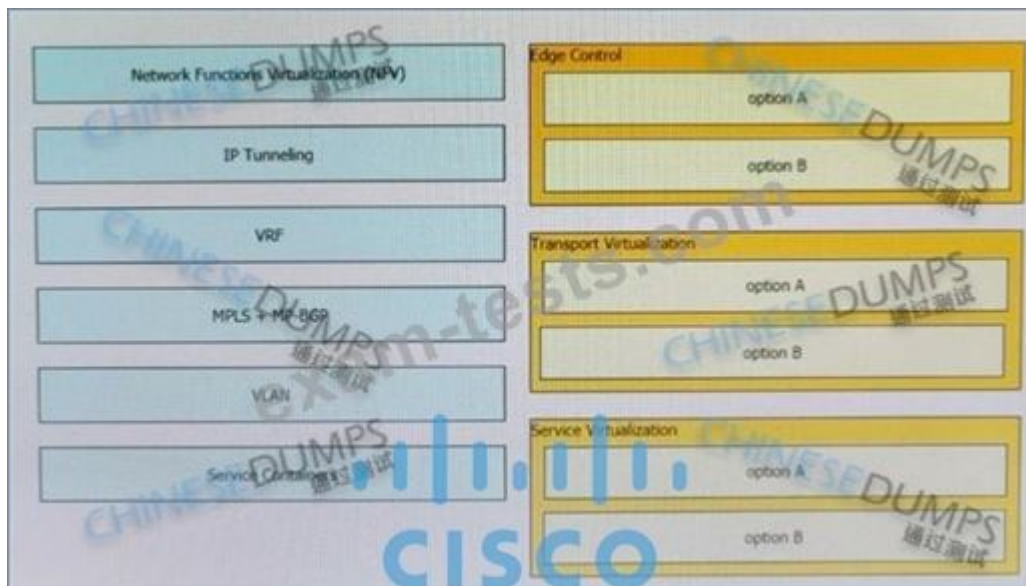
Which tool automates network implementation activities and shortens the implementation lifecycle?

- A. LISP
- B. Python
- C. Java
- D. Conclusion

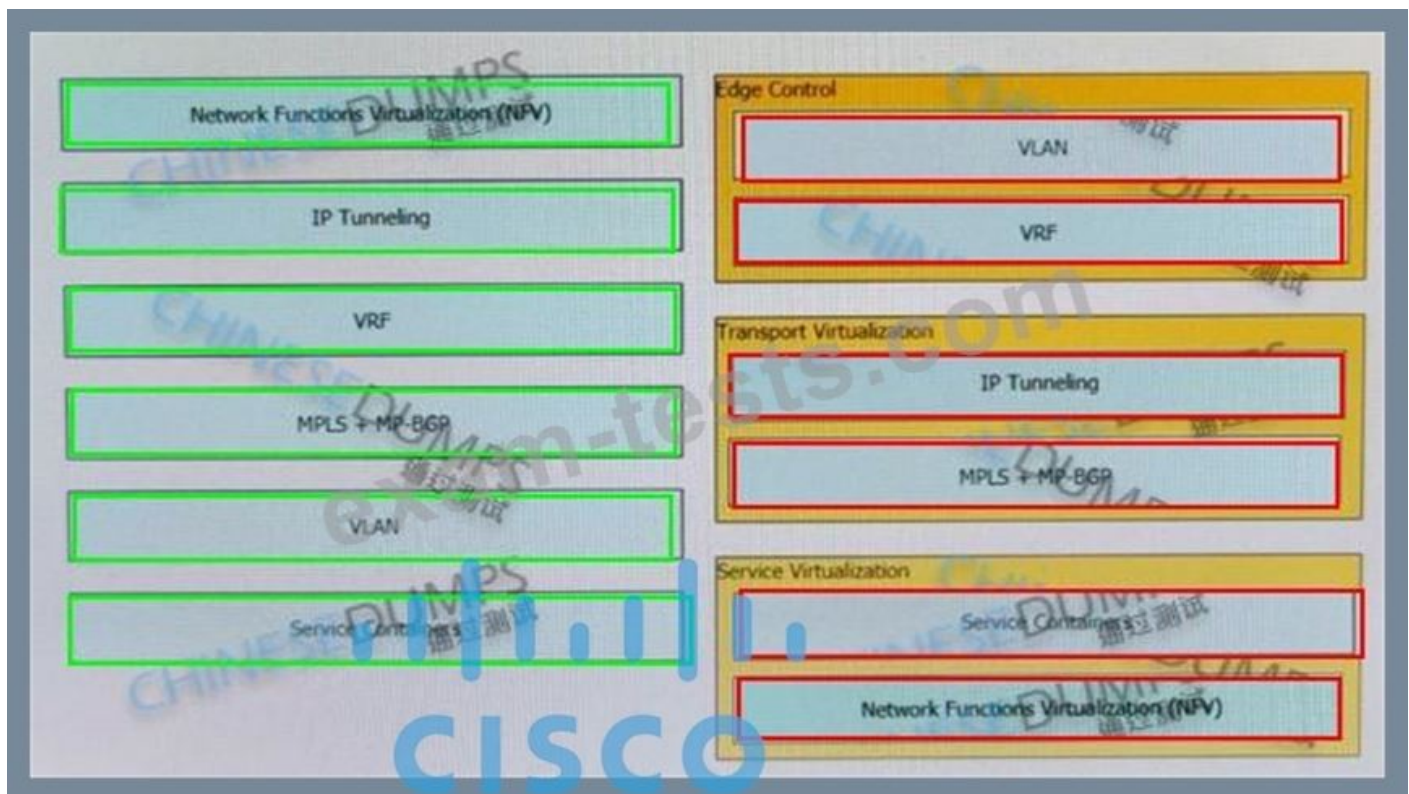
Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 81

Drag and drop the end-to-end network virtualization elements from the left onto the correct network areas on the right.



Answer:



NEW QUESTION: 82

The major business applications of an enterprise are largely monolithic and hard-coded. As part of a major modernization and overhaul of the applications, the goal is to move to a modular and containerized application architecture mode. At the same time, decoupling from the hardware is desired to move to an on-demand provisioning. However, the CyberOps team mandated that the final architecture must provide the same security levels as an air-gapped data center. Which cloud architecture meets these requirements?

- A. IaaS
- B. PaaS
- C. private cloud

- D. hybrid cloud
- E. public cloud

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 83

SD-WAN can be used to provide secure connectivity to remote offices, branch offices, campus networks, data centers, and the cloud over any type of IP-based underlay transport network. Which two statements describe SD WAN solutions? (Choose two.)

- A. Control and data forwarding planes are kept separate.
- B. Solutions allow for variations of commodity and specialized switching hardware.
- C. Improved operational efficiencies result in cost savings.
- D. SD-WAN networks are inherently protected against slow performance.
- E. Solutions include centralized orchestration, control, and zero-touch provisioning.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 84

Company XYZ wants to prevent switch loops caused by unidirectional point-point-link condition on Rapid FVST + and MST. Which technology can be used in the design to meet this requirement?

- A. STPBPDU guard
- B. TRILL
- C. STP bridge assurance
- D. MSTP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 85

A service provider recently migrated to an SD-WAN solution for delivering WAN connections to its customers. One of the main challenges with the SD-WAN deployment is that branch site volume increases every year, which causes management complexity. Which action resolves the issue?

- A. Adopt a well-structured SD-WAN service management lifecycle model
- B. Set up a dedicated team to monitor and provision new customers
- C. Build a service orchestration platform on top of the network controller
- D. Implement a scalable network management system to manage all sites.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 86

What advantage of placing the IS-IS layer 2 flooding domain boundary at the core Layer in a three-layer hierarchical network is true?

- A. The Layer 2 domain is contained and more stable
- B. It reduces the complexity of the Layer 1 domains
- C. It can be applied to any kind of topology

D. The Layer 1 and Layer 2 domains can easily overlap

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 87

Which two statements explain the operation of BFD asynchronous mode? (Choose two)

- A.** BFD asynchronous mode without echo packets uses control packets, and BFD asynchronous mode with echo packets does not.
- B.** BFD asynchronous mode with echo packets combines the control packets and echo packets into a single packet.
- C.** BFD asynchronous mode with echo packets uses separate control packets and echo packets.
- D.** BFD asynchronous mode with and without echo packets use control packets.
- E.** BFD asynchronous without echo packets has control packets sent back to the originating router, which echoes the control packet to detect failures.

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

NEW QUESTION: 88

Company XYZ is running BGP as their routing protocol. An external design consultant recommends that TCP path MTU discovery be enabled. Which effect will this have on the network?

- A.** It will increase the convergence time.
- B.** It will create a loop free path.
- C.** It will improve the convergence time.
- D.** It will enhance the performance of TCP-based applications.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 89

The Agile Manifesto is a document that defines the key values and principles behind the Agile philosophy and helps development teams work more efficiently and sustainably Each of the four key values is split into two sections a left-hand side and a right-hand side In other words, though there is value in the items on the right we value the items on the left more What is one of the key values of the Agile Manifesto?

- A.** following a plan over responding to change
- B.** individuals and interactions over processes and tools
- C.** comprehensive documentation over working software
- D.** contract negotiation over customer collaboration

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

NEW QUESTION: 90

You are using iSCSI to transfer files between a 10 Gigabit Ethernet storage system and a 1 Gigabit Ethernet server The performance is only approximately 700 Mbps and output drops are

occurring on the server switch port. Which action will improve performance in a cost-effective manner?

- A. Enable the TCP Nagle algorithm on the receiver
- B. Change the protocol to CIFS.
- C. Increase the queue to at least 1 GB
- D. Use a WRED random drop policy

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

NEW QUESTION: 91

Drag and drop the multicast protocols from the left onto the current design situation on the right.



Answer:



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<https://www.braindumpsPass.com/Cisco/400-007-practice-exam-dumps.html> (400 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 92

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. SPF hold time
- B. Transmit delay

- C. Throttle timer
- D. Interface dampening

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

NEW QUESTION: 93

In the case of outsourced IT services, the RTO is defined within the SLA. Which two support terms are often included in the SLA by IT and other service providers? (Choose two.)

- A. network reliability
- B. support availability
- C. network sustainability
- D. resolution time
- E. network size and cost

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

NEW QUESTION: 94

How must the queue sizes be designed to ensure that an application functions correctly?

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

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

NEW QUESTION: 95

A business wants to centralize services via VDI technology and to replace remote WAN desktop PCs with thin client-type machines to reduce operating costs Which consideration supports the new business requirement?

- A. The WAN should offer low latency and be resized
- B. VDI servers should be contained within dedicated VLANs in each branch location
- C. The thin client traffic should be placed in a WAN QoS priority queue
- D. VDI servers should be contained centrally within a DMZ

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

NEW QUESTION: 96

An existing wireless network was designed to support data traffic only. You must now install context Aware services for location tracking changes must be applied to the existing wireless network to increase the location accuracy? (Chose two)

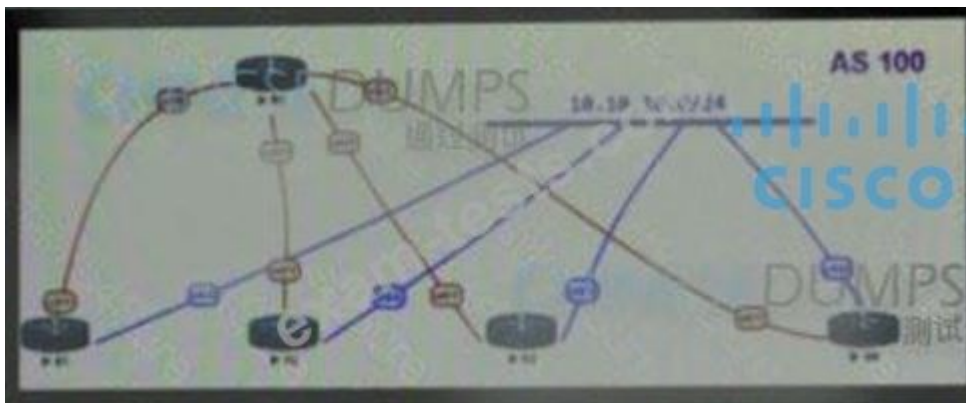
- A. Add access points along the perimeter of the coverage area.

- B.** Increase the access point density to create an average inter-access point distance of less than 40 feet or 12.2 meters
- C.** Fine tune the radio configuration of the access point to have a higher average transmission power to achieve better coverage
- D.** Install additional access points in monitor mode where the co-channel interference would otherwise be affected
- E.** Use directional antennas to provide more cell overlapping

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

NEW QUESTION: 97

Refer to the exhibit.



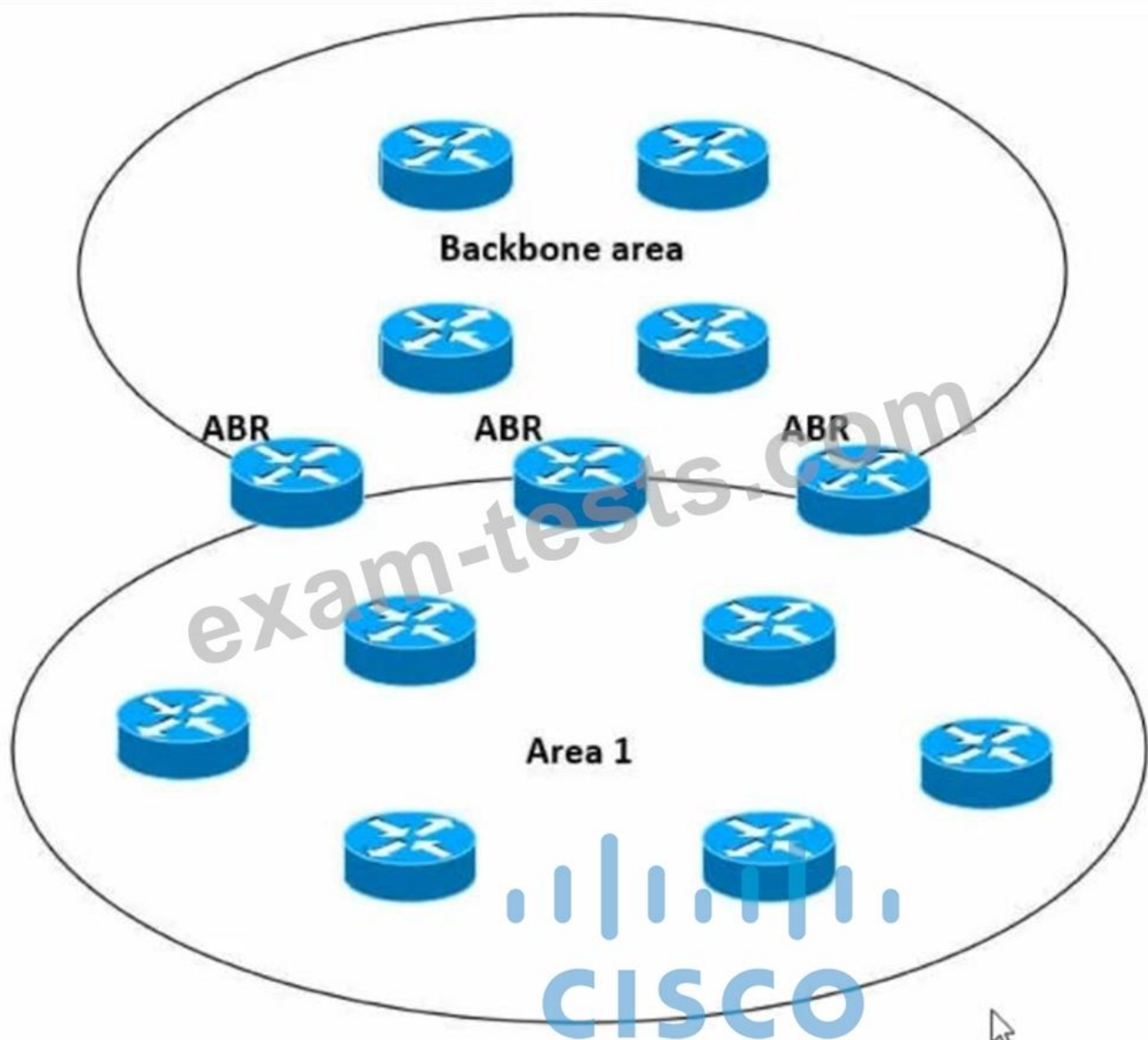
OSPF is running as the IGP to provide reachability to all AS100 networks R3 and R4 are the current ABRs at the boundary of OSPF Area0 and Areal Now BGP must be deployed within AS 100 because it will be receiving Internet routes from its eBGP peers (the service provider) connected to R1 and R2 What is an optimal solution for this deployment to configure BGP relationships and redistribute BGP learned routes into OSPF?

- A.** R5 should be configured as a route reflector for R1, R2, R3 and R4. BGP routes must be redistributed at R1 and R2 into OSPF.
- B.** R1, R2, R3 and R4 must be set up with a neighbor relationship with R5 only must not be a route reflector.
- C.** Configuration should be set up with R1 and R2, and R3 in one sub AS, with and R4 in another, and redistribution at R1 and R2.
- D.** A full mesh should be deployed between all the routers with mutual redistribution to take place at R1 and R2.

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

NEW QUESTION: 98

Refer to the exhibit.



Which impact of using three or more ABRs between the backbone area and area 1 is true?

- A. In a large-scale network LSA replication by all ABRs can cause serious scalability issues
- B. In a large-scale network multiple ABRs can create microloops.
- C. Prefixes from the non-backbone area are advertised by one ABR to the backbone
- D. Multiple ABRs reduce the CPU processing on each ABR due to splitting prefix advertisement

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 99

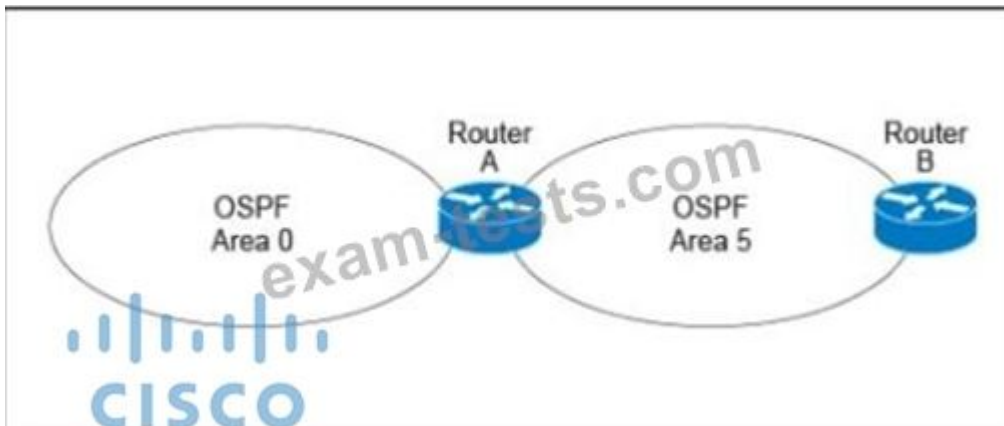
Hybrid cloud computing allows organizations to like advantage of public and private cloud models
Which best practice should organizations follow to ensure data security in the private cloud?

- A. Encrypt data when it is at rest and in motion
- B. Use standard network protocols for data communication between unsecured network connections.
- C. Communicate all data security risks to customers and end users.
- D. Use standard protocols for data transmission over the network.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 100

Refer to the exhibit.



A customer runs OSPF with Area 5 between its aggregation router and an internal router. When a network change occurs in the backbone, Area 5 starts having connectivity issues due to the SPF algorithm recalculating an abnormal number of times in Area 5. You are tasked to redesign this network to increase resiliency on the customer network with the caveat that Router B does not support the stub area. How can you accomplish this task*?

- A. Increase the bandwidth on the connection between Router A and Router B
- B. Implement LSA filtering on the ABR, allowing summary routes and preventing more specific routes into Area 5
- C. Create a virtual link to Area 0 from Router B to the ABR
- D. Set Area 5 to stubby at the ABR anyway
- E. Turn on LSA throttling on all devices in Area 5

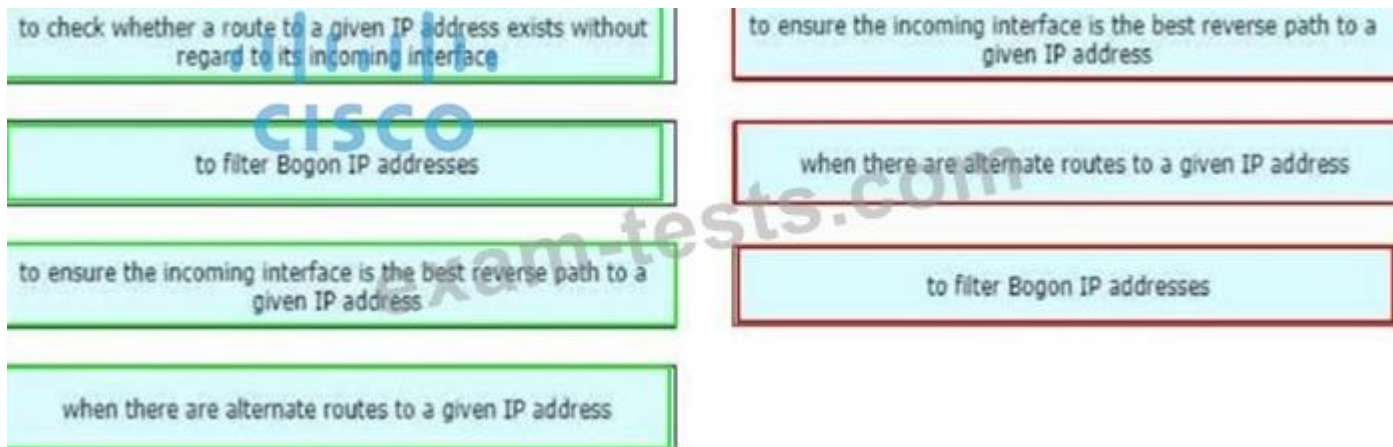
Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 101

Drag and drop the design use cases from the left onto the correct uRPF techniques used to prevent spoofing attacks. Not all options are used.

to check whether a route to a given IP address exists without regard to its incoming interface	strict mode
to filter Bogon IP addresses	feasible mode
to ensure the incoming interface is the best reverse path to a given IP address	loose mode
when there are alternate routes to a given IP address	

Answer:



NEW QUESTION: 102

SDN is still maturing Throughout the evolution of SDN which two things will play a key role in enabling a successful deployment and avoiding performance visibility gaps in the infrastructure? (Choose two.)

- A. peer-to-peer controller infrastructure
- B. rapid on-demand growth
- C. dynamic real-time change
- D. falling back to old behaviors
- E. integration of device context

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

NEW QUESTION: 103

An architect prepares a network design for a startup company. The design must be able to meet business requirements while the business grows and divests due to rapidly changing markets. What is the highest priority in this design?

- A. The network should have a dedicated core.
- B. The network should be hierarchical
- C. The network should be scalable.
- D. The network should be modular.

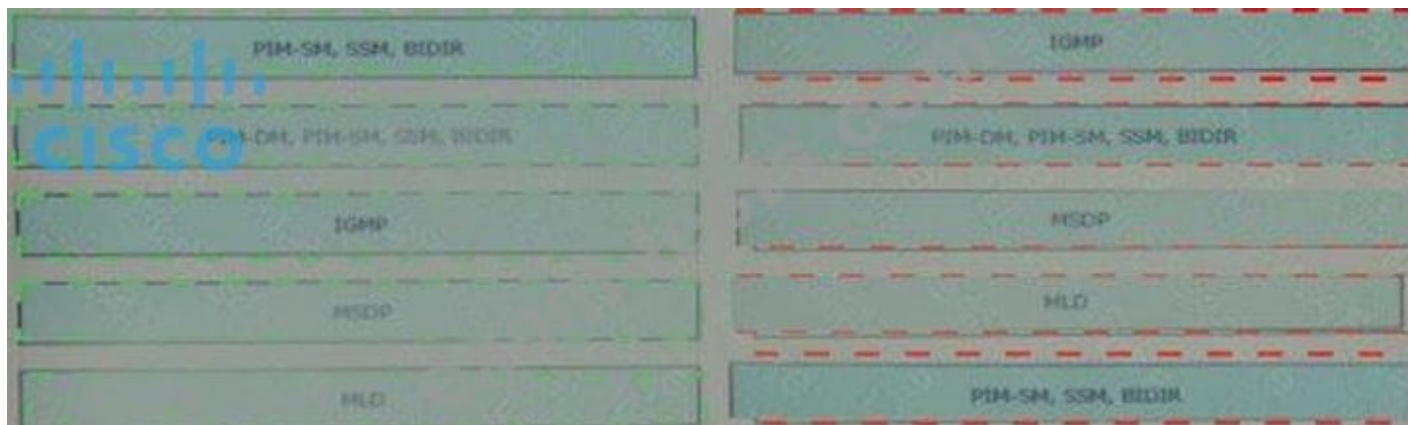
Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 104

Drag and drop the multicast protocols from the left onto the current design situation on the right.



Answer:



Explanation



A picture containing table Description automatically generated

IPv4:

Host Registration - IGMP

Router Registration - PIM-DM, PIM-SM, SSM, BIDIR

Inter-Domain Source Discovery - MSDP

IPv6:

Host Registration - MLD

Router Registration - PIM-SM, SSM, BIDIR

NEW QUESTION: 105

Which two foundational aspects of IoT are still evolving and being worked on by the industry at large?

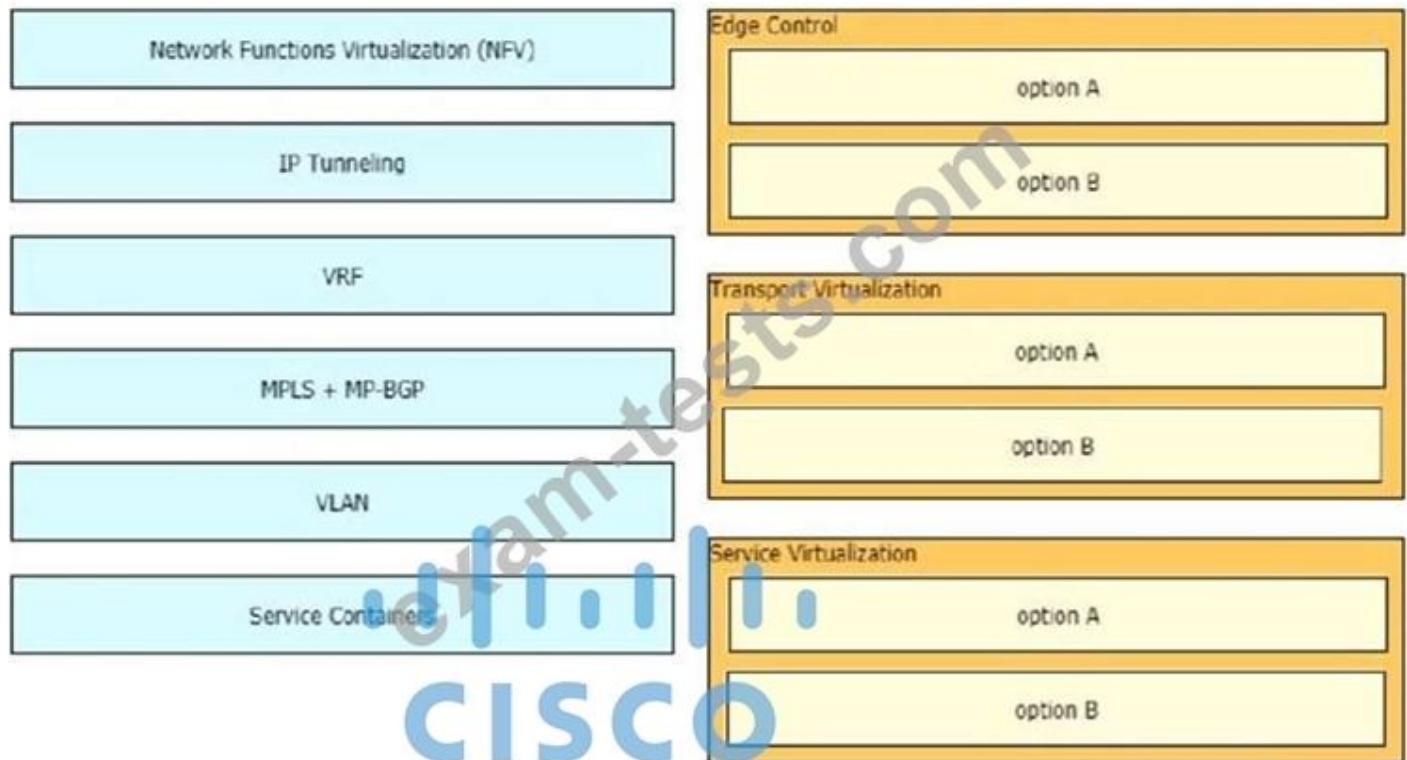
(Choose two)

- A. Low energy Bluetooth sensors
- B. WiFi protocols
- C. Standards
- D. IoT consortia
- E. Regulatory domains

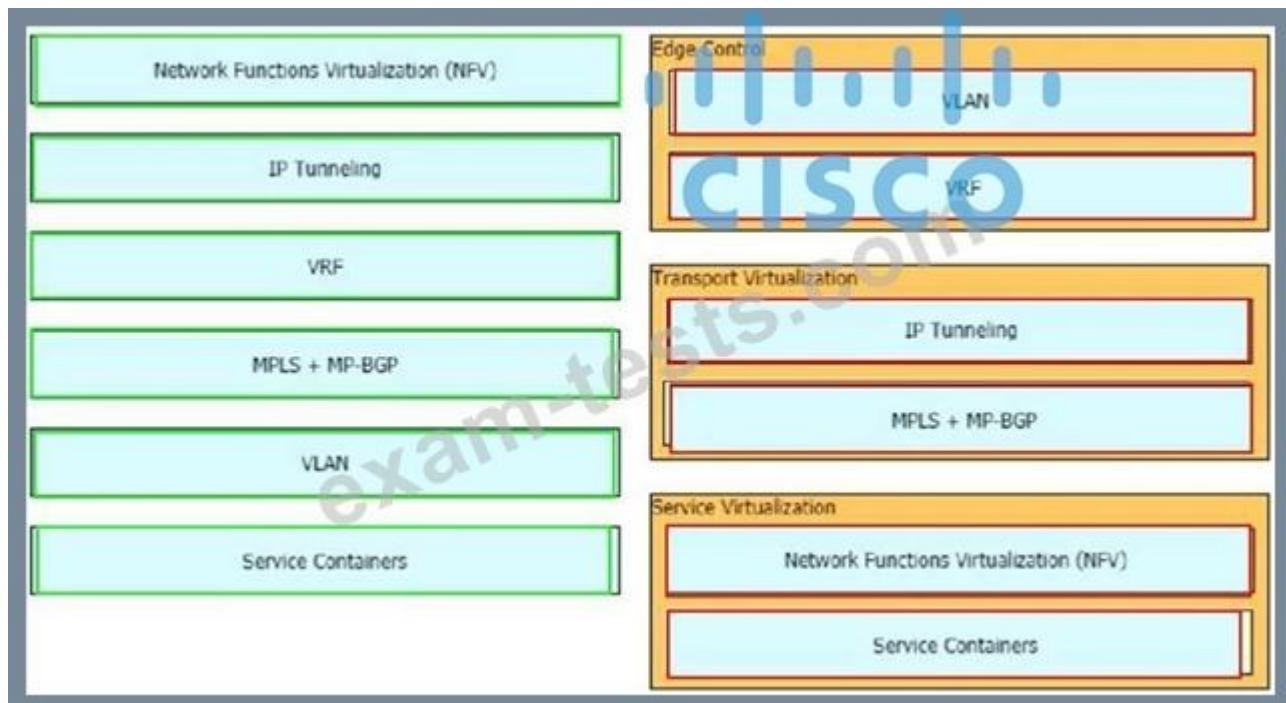
Answer: ([SHOW ANSWER](#))

NEW QUESTION: 106

Drag and drop the end-to-end network virtualization elements from the left onto the correct network areas on the right.



Answer:



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NEW QUESTION: 107

Sometimes SDN leverages various overlay networking technologies to create layer(s) of network abstraction. What describes an overlay network?

- A. It encapsulates packets at source and destination, which incurs additional overhead
- B. It transmits packets that traverse over network devices like switches and routers
- C. It is responsible for the delivery of packets; NAT- or VRF-based segregation is required
- D. Packet delivery and reliability occurs at Layer 3 and Layer 4

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

NEW QUESTION: 108

Company XYZ is designing the IS-IS deployment strategy for their multiarea IS-IS domain. They want IS-IS neighbour relationships to be minimized on each network segment and want to optimize the size of the IS-IS LSDB on each router. Which can design can be used to meet these requirements?

- A. Design the network so that the routers connecting to other areas are Level 2 routers and internal routers are Level 1
- B. Design the network so that the routers connecting to other areas are Level 1/Level 2 routers and internal routers are Level 1
- C. Design the network so that all routers are Level 1 routers
- D. Design all routers as Level 2 routers. Set the links between the routers as Level 1 with the area

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

NEW QUESTION: 109

Company ABC wants to minimize the risk of users plugging unauthorized switches and hubs into the network Which two features can be used on the LAN access ports to support this design requirement? (Choose two.)

- A. Root Guard
- B. Loop Guard
- C. PortFast
- D. DTF
- E. BPDU Guard

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

NEW QUESTION: 110

Refer to the table.

CONNECTIVITY	CAPEX	OPEX ANNUAL	INSTALLATION FEE	TERM
DWDM over dark fiber	\$200,000	\$100,000	\$30,000	12 months
CWDM over dark fiber	\$150,000	\$100,000	\$25,000	18 months
MPLS wires only	\$50,000	\$180,000	\$5,000	12 months
Metro Ethernet	\$65,000	\$100,000	\$5,000	36 months

A customer investigates connectivity options for a DCI between two production data centers to aid a large-scale migration project. The migration is estimated to take 20 months to complete but might extend an additional 10 months if issues arise. All connectivity options meet the requirements to migrate workloads. Which transport technology provides the best ROI based on cost and flexibility?

- A. CWDM over dark fiber
- B. Metro Ethernet
- C. DWDM over dark fiber
- D. MPLS

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 111

Company XYZ was not satisfied with the reconvergence time OSPF is taking. BFD was implemented to try to reduce the reconvergence time, but the network is still experiencing delays when having to reconverge. Which technology will improve the design?

- A. OSPF fast hellos
- B. Change the protocol to BGP
- C. BFDecho
- D. Change the OSPF hello and dead intervals

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

NEW QUESTION: 112

A consultant needs to evaluate project management methodologies for a new service deployment on the existing network of a customer. The customer wants to be involved in the end-to-end project progress and be provided with frequent updates. The customer also wants the ability to change the requirements if needed, as the project progresses. Which project management methodology should be used?

- A. Agile
- B. Waterfall
- C. three principles
- D. phased

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

NEW QUESTION: 113

A service provider hires you to design its new managed CE offering to meet these requirements

- * The CEs cannot run a routing protocol with the PE
- * Provide the ability for equal or unequal ingress load balancing in dual-homed CE scenarios.
- * Provide support for IPv6 customer routes
- * Scale up to 250,000 CE devices per customer.
- * Provide low operational management to scale customer growth.
- * Utilize low-end (inexpensive) routing platforms for CE functionality.

Which tunneling technology do you recommend?

- A. LISP
- B. FlexVPN
- C. DMVPN
- D. point-to-point GRE

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

NEW QUESTION: 114

A product manufacturing organization is integrating cloud services into their IT solution. The IT team is working on the preparation phase of the implementation approach, which includes the Define Strategy step. This step defines the scope of IT, the application, and the service. What is one topic that should be considered in the Define Strategy step?

- A. innovate and align with business according to volume
- B. due diligence and financial scenarios
- C. financial and governance models
- D. contingency exit strategy steps

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

NEW QUESTION: 115

As network designer, which option is your main concern with regards to virtualizing multiple network zones into a single hardware device?

- A. Congestion control
- B. Security
- C. CPU resource allocation
- D. Bandwidth allocation
- E. Fate sharing

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

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