

Cisco.300-415.v2026-07-14.q131

Exam Code:	300-415
Exam Name:	Implementing Cisco SD-WAN Solutions
Certification Provider:	Cisco
Free Question Number:	131
Version:	v2026-07-14
# of views:	106
# of Questions views:	1454
https://www.dumpsfiles.com/files/Cisco/300-415/Cisco.300-415.v2026-07-14.q131	

NEW QUESTION: 1

Refer to exhibit.

PEER	PEER	PEER	PEER	SITE	DOMAIN	LOCAL	REMOTE	REPEAT	REMOTE
INSTANCE	TYPE	PRIVATE	PEER	PUBLIC	ID	PRIVATE IP	PORT	PORT	REMOTE
NAME	STATE	IP	IP	IP	ID	IP	PORT	PORT	REMOTE
0	Good	0.0.0.0	0.0.0.0	0.0.0.0	0	192.168.0.231	12346	192.168.0.231	12346
r_down	CRITICAL	0.0.0.0	0.0.0.0	0.0.0.0	0	192.168.0.231	12346	192.168.0.231	12346

An engineer is troubleshooting tear down of control connections even though a valid CertificateSerialNumbre is entered Which two actions resolve the Issue? (Choose two)

- A. Enter a valid serial number on the controllers for a given device
- B. Remove the duplicate IP in the network.
- C. Enter a valid product ID (model) on the PNP portal
- D. Match the serial number file between the controllers
- E. Restore network reachability for the controller

Answer: A,E (LEAVE A REPLY)

Explanation

<https://community.cisco.com/t5/networking-documents/sd-wan-routers-troubleshoot-control-connections/ta-p/38>

NEW QUESTION: 2

A policy is created to influence routing in the network using a group of prefixes. What policy application will achieve this goal when applied to a site list?

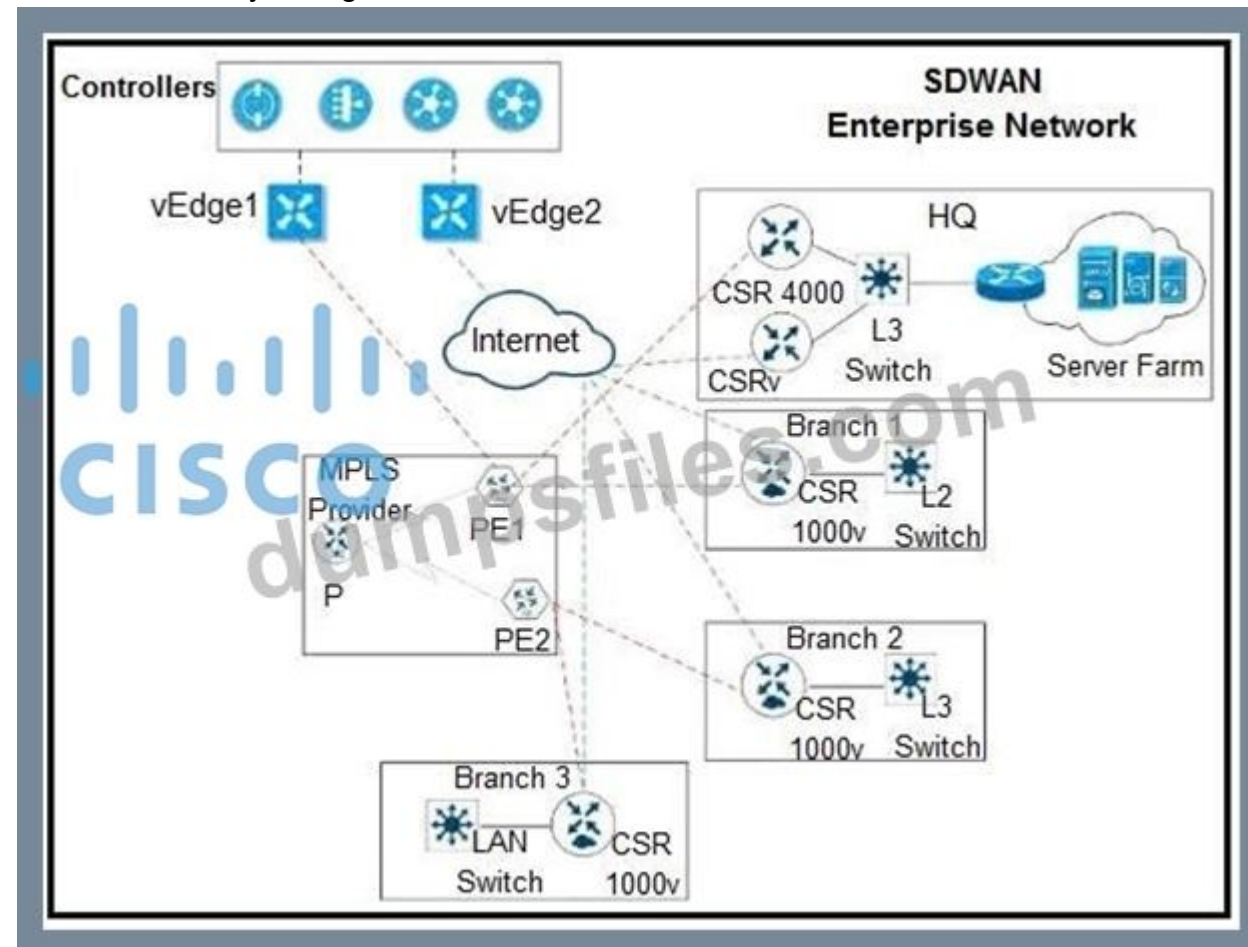
- A. Vpn-membership policy
- B. Control-policy
- C. cflowd-template
- D. App-route policy

Answer: B (LEAVE A REPLY)

Control policy, which is similar to standard routing policy, operates on routes and routing information in the control plane of the overlay network. Centralized control policy, which is provisioned on the Cisco vSmart Controller, is the Cisco SD-WAN technique for customizing network-wide routing decisions that determine or influence routing paths through the overlay network. Local control policy, which is provisioned on a Cisco vEdge device, allows customization of routing decisions

NEW QUESTION: 3

Refer to the exhibit. The network team must configure EIGRP peering at HQ with devices in the service VPN connected to WAN Edge CSRv. CSRv is currently configured with:



```
vptela-system:system
device-model vedge-cloud
host-nam vEdge-Cloud
location CA
system-ip 10.4.4.4
domain-id 1
site-id 1
organization-name ABC
clock timezone US/Newyork
vbond 10.10.0.1 port 12346

omp
no shutdown
graceful-restart
```

Which configuration on the WAN Edge meets the requirement?

```

vpn0
interface ge0/0
  description "Internet Circuit"
  ip address 209.165.200.229/30
  tunnel-interface
  encapsulation ipsec
  color public-internet
  allow-service all

router
  eigrp
  address-family ipv4-unicast
  maximum-path paths 4
  network 10.0.0.0/28
  redistribute omp

vpn 512
interface eth0
  shutdown

```

A.

```

vpn 0
router
  eigrp
  address-family ipv4-unicast
  maximum-path paths 4
  network 10.0.0.0/28
  redistribute omp

interface ge0/0
  description "Internet Circuit"
  ip address 209.165.200.229/30
  tunnel-interface
  encapsulation ipsec
  color public-internet
  allow-service all

vpn 512
interface eth0
  shutdown

```

B.

```
vpn0
vpn1
interface ge0/0
  description "Internet Circuit"
  ip address 209.165.200.229/30
  tunnel-interface
  encapsulation ipsec
  color public-internet
  allow-service all

router
  eigrp
  address-family ipv4-unicast
  maximum-path paths 4
  network 10.0.0.0/28
  redistribute omp

interface ge0/1
  ip address 10.0.0.1/28

vpn 512
interface eth0
  shutdown
```

C.

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

NEW QUESTION: 4

Which two image formats are supported for controller codes? (Choose two.)

- A. .nxos
- B. Tgz
- C. .qcow2
- D. .bin
- E. .ova

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 5

Which protocol is used for the vManage to connect to the vSmart Controller hosted in Cloud?

- A. PnP Server
- B. ZTP
- C. NETCONF
- D. HTTP

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

Netconf and CLI—Netconf is a standards-based protocol used by Cisco vManage to provision a Cisco vSmart Controller.

NEW QUESTION: 6

```
interface GigabitEthernet0/0/1
  description TO WAN - MPLS
  no shutdown
  ip address 209.165.202.129/27
  no ip redirects
  !
  !
  interface GigabitEthernet0/0/1
  tunnel interface
  encapsulation ipsec
  color private1
  port-hop

  no allow-service all
  !
```

Refer to the exhibit. An engineer is enabling command line access via MPLS for in-band management. Which command completes the partial SD-WAN interface configuration with the highest degree of security?

- ☐ sdwan
interface GigabitEthernet0/0/1
allow-service sshd
- ☐ sdwan
interface GigabitEthernet0/0/1
allow-service https
- ☐ sdwan
interface GigabitEthernet0/0/1
allow-service all
- ☐ sdwan
interface GigabitEthernet0/0/1
allow-service icmp

A. Option A

B. Option D

- C. Option B
- D. Option C

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

NEW QUESTION: 7

Which two protocols are supported for software image delivery when images are hosted on a remote server?

(Choose two.)

- A. FTP
- B. TFTP
- C. SSL
- D. HTTPS
- E. HTTP

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

NEW QUESTION: 8

An engineer must create a QoS policy by creating a class map and assigning it to the LLQ queue on a WAN Edge router Which configuration accomplishes the task?

A)



B)



C)



D)



A. Option B

B. Option D

C. Option C

D. Option A

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

NEW QUESTION: 9

Which OSPF command makes the WAN Edge router a less preferred exit from a site with a dual WAN Edge design?

A.

```
vpn vpn-id
router
ospf
area number
no-summary
```

B.

```
vpn vpn-id
router
ospf
area number
nssa
no-summary
```

C.

```
vpn vpn-id
router
ospf
max-metric
```

D.

```
vpn vpn-id
router
ospf
area number
range prefix/length
```

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 10

Which value is verified in the certificates to confirm the identity of the device?

- A. Serial Number
- B. System-IP
- C. Chassis-ID
- D. OTP

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

What is the size of SGT data in the metadata header?

- A. 8 bits
- B. 16 bits
- C. 24 bits
- D. 32 bits

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

An SGT is a 16-bit single label indicating the security classification of a source in the TrustSec domain. It is appended to an Ethernet frame or an IP packet.

NEW QUESTION: 12

```
vEdge-Cloud#
vEdge-Cloud#
vEdge-Cloud# vshell
vEdge-Cloud:~$ cd /var/log/
vEdge-Cloud:/var/log$
vEdge-Cloud:/var/log$ ls -l
total 28992
-rw-r--r-- 1 root root 1441700 Nov 22 15:13 auth.log
-rw-r--r-- 1 basic adm 0 Aug 7 15:29 cloud-init.log
drwxr-xr-x 2 root root 4096 Nov 22 14:49 confd
-rw-r--r-- 1 root root 1896486 Nov 22 14:57 kern.log
-rw-r--r-- 1 root root 292292 Aug 9 22:31 lastlog
-rw-r--r-- 1 root root 6197843 Nov 22 15:14 messages
-rw-r--r-- 1 root root 10512141 Aug 30 21:00 messages.1
drwxr-xr-x 2 root root 4096 Nov 22 14:48 pdb
drwxr-xr-x 2 quagga quagga 4096 Aug 7 15:29 quagga
-rw-r--r-- 1 root root 437 Nov 22 14:48 sw_script_active.log
-rw-r--r-- 1 root root 382 Nov 22 14:48 sw_script_previous.log
-rw-r--r-- 1 root root 2004 Nov 22 14:49 sw_script_syncddb.log
-rw-r--r-- 1 root root 64064 Nov 22 15:07 tallylog
drwxr-xr-x 2 root root 60 Nov 22 14:48 tmplog
-rw-r--r-- 1 root root 6841506 Nov 22 15:14 vconfd
-rw-r--r-- 1 root root 184602 Aug 7 15:29 vdebug
-rw-r--r-- 1 root root 2479511 Nov 22 15:14 vsyslog
-rwxr-xr-x 1 root utmp 49536 Nov 22 15:07 wtmp
vEdge-Cloud:/var/log$
vEdge-Cloud:/var/log$
```

Refer to the exhibit. Which configuration stops Netconf CLI logging on WAN Edge devices during migration?

- logs
audit-disable
netconf-disable
- logs
netconf-disable
- logging
disk netconf-disable
- logging
disk
audit-disable
netconf-disable

- A. Option A
- B. Option B
- C. Option C
- D. Option D

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

Explanation

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/command/sdwan-cr-book/config-cmd.html#wp386725031>

Syslog messages related to AAA authentication and Netconf CLI access and usage are placed in the auth.log and messages files. Each time Cisco vManage logs in to a Cisco vEdge device to retrieve statistics and status information and to push files to the router, the router generates AAA and Netconf log messages. So, over time, these messages can fill the log files. To prevent these messages from filling the log files, you can disable the logging of AAA and Netconf syslog messages:

```
Device(config)# system aaa logsViptela(config-logs)# audit-disableViptela(config-logs)# netconf-disable
```

NEW QUESTION: 13

What is a key element used in a vBond Orchestrator redundancy topology?

- A. fully qualified domain name
- B. DHCP server
- C. load-balancer with health probes
- D. stun server

Answer: (SHOW ANSWER)

In Cisco SD-WAN architecture, the vBond Orchestrator plays a crucial role in the initial device onboarding and control plane security. Ensuring redundancy for vBond Orchestrators is essential for maintaining high availability and reliability in the SD-WAN network.

Fully Qualified Domain Name (FQDN): The use of an FQDN is a key element in vBond Orchestrator redundancy. By configuring multiple vBond Orchestrators with the same FQDN, the SD-WAN devices can resolve this domain name to different IP addresses corresponding to the different vBond Orchestrator instances. This allows for automatic failover and load balancing among the vBond Orchestrators.

Redundancy Mechanism: The DNS mechanism will resolve the FQDN to a list of IP addresses, and in case one vBond is unreachable, another can be contacted. This approach ensures continuous availability and redundancy without requiring manual reconfiguration of the devices.

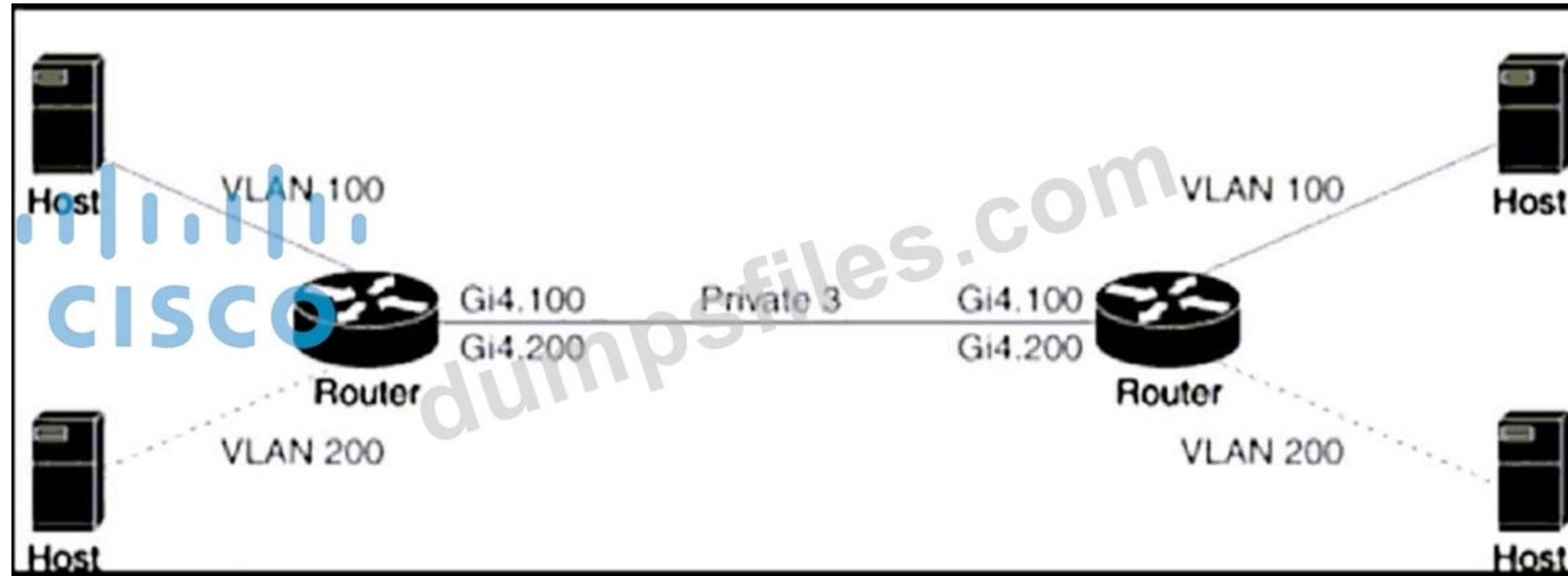
:

Cisco SD-WAN Design Guide

Cisco SD-WAN Configuration and Deployment Guide

NEW QUESTION: 14

Refer to the exhibit. An engineer is configuring a QoS policy to shape traffic for VLAN 100 on a subinterface. Which policy configuration accomplishes the task?



- policy-map shape_GigabitEthernet4.100
class class Queue0
service-policy xyz_QoS-model
shape average 100000000
- interface GigabitEthernet4.100
encapsulation dot1Q 200
- A. service-policy output shape_GigabitEthernet4.100
policy-map shape_GigabitEthernet4.100
class class-default
service-policy xyz_QoS-model
shape average 100000000
- interface GigabitEthernet4.100
encapsulation dot1Q 200
- B. service-policy output shape_GigabitEthernet4.100

```
policy-map shape_GigabitEthernet4.200
  class class Queue0
  service-policy xyz_QoS-model
  shape average 100000000
!
interface GigabitEthernet4.100
  encapsulation dot1Q 100
  service-policy output shape_GigabitEthernet4.100
```

- C.

```
policy-map shape_GigabitEthernet4.200
  class class-default
  service-policy xyz_QoS-model
  shape average 100000000
!
interface GigabitEthernet4.100
  encapsulation dot1Q 100
  service-policy output shape_GigabitEthernet4.200
```
- D.

```
policy-map shape_GigabitEthernet4.200
  class class-default
  service-policy xyz_QoS-model
  shape average 100000000
!
interface GigabitEthernet4.100
  encapsulation dot1Q 100
  service-policy output shape_GigabitEthernet4.200
```

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

NEW QUESTION: 15

In which device state does the WAN edge router create control connections, but data tunnels are not created?

- A. valid
- B. backup
- C. active
- D. staging

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

Staging – In this state, the WAN Edge device establishes secure control plane connections to the SD-WAN controllers (vBond, vManage, and vSmart) only. It is important to note that no data plane connections are established with other WAN Edge devices in the overlay network.

NEW QUESTION: 16

An engineer is troubleshooting a certificate issue on vEdge. Which command is used to verify the validity of the certificates?

- A. show control local-properties
- B. show control summary
- C. show certificate installed
- D. show certificate status

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

Reference:

<https://www.cisco.com/c/en/us/support/docs/routers/sd-wan/214509-troubleshoot-control-connections.html>

Valid 300-415 Dumps shared by TrainingDump.com for Helping Passing 300-415 Exam! TrainingDump.com now offer the **newest 300-415 exam dumps**, the TrainingDump.com 300-415 exam questions have been updated and answers have been corrected get the **newest** TrainingDump.com 300-415 dumps with Test Engine here: <https://www.trainingdump.com/Cisco/300-415-practice-exam-dumps.html> (551 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 17

Drag and drop the REST API calls from the left onto the functions on the right.

PUT	Retrieve or read.
GET	Update an object.
POST	Create an object.
DELETE	Remove an object.

Answer:

PUT	GET
GET	PUT
POST	POST
DELETE	DELETE

GET

PUT

POST

DELETE

NEW QUESTION: 18

Which device in the SD- WAN solution receives and categorizes event reports, and generates alarms?

- A. WAN Edge routers
- B. vSmart controllers
- C. vManage NMS
- D. vBond controllers

Answer: C (LEAVE A REPLY)

NEW QUESTION: 19

Which timer specifies information in the cache after all OMP sessions are lost at location S0123T4E56F78?

- A. hold time
- B. EOR timer
- C. advertisement interval
- D. graceful restart timer

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

NEW QUESTION: 20

Which timer specifies how long the router keeps routing information in the cache after all OMP sessions are lost at location S4317T8E35F76?

- A. EOR timer
- B. advertisement interval
- C. graceful restart timer
- D. hold time

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 21

Drag and drop the route verification output from show omp tlocs from the left onto the correct explanations on the right.

shows if the route was chosen to enter the routing table or not	system ID
ENCAPSULATION	attribute of WAN link
COLOR	type of tunnel being used
TLOC IP	TLOC route status

Answer:

shows if the route was chosen to enter the routing table or not	TLOC IP
ENCAPSULATION	COLOR
COLOR	ENCAPSULATION
TLOC IP	shows if the route was chosen to enter the routing table or not

NEW QUESTION: 22

Which feature allows reachability to an organization's internally hosted application for an active DNS security policy on a device?

- A. local domain bypass
- B. DHCP option 6
- C. DNSCrypt configurator
- D. data pokey with redirect

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

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/security/ios-xe-16/security-book-xe/umbrella-integration.html>

- Local domain bypass list is global and each VRF can enable or disable the local domain bypass list. If enabled, the DNS packet will be matched against the local domain list.

NEW QUESTION: 23

Which feature builds transport redundancy by using the cross link between two redundant WAN Edge routers?

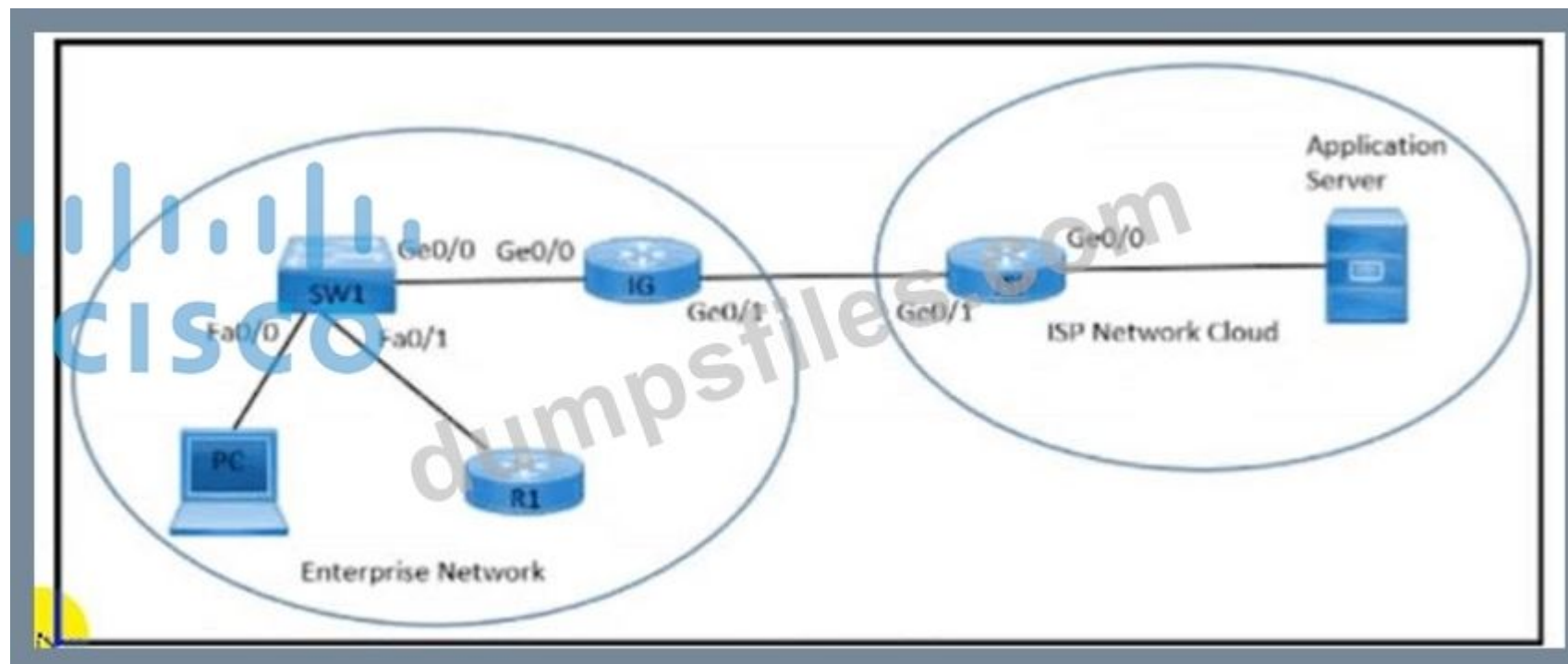
- A. OMP
- B. zero-touch provisioning
- C. quality of service
- D. TLOC extension

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

Features like TLOC extension help to build transport redundancy by using the cross link between two redundant WAN Edge routers. Network level redundancy is implemented by multiple geo-redundant data centers.

NEW QUESTION: 24

Refer to the exhibit.



Refer to the exhibit. An enterprise network is connected with an ISP network on an 80 Mbps bandwidth link. The network operation team observes 100 Mbps traffic on the 1Gig-ISP link during peak hours. Which configuration provides bandwidth control to avoid traffic congestion during peak hours?

A.

```
policy-map CUS_PMAP
class CUS_CMAP
  police 80000000 300000
!
interface gigabitethernet 0/0
description *** TO ISP ***
ip address 10.0.20.1 255.255.255.0
service-policy input CUS_PMAP
```

B.

```
policy-map CUS_PMAP
class CUS_CMAP
  police 80000000 300000
!
interface gigabitethernet 0/0
description *** TO SW ***
ip address 10.0.10.5 255.255.255.0
service-policy input CUS_PMAPd
```

C.

```
policy-map SHAPE_MAP
class class-default
  shape average 80000000
!
interface gigabitethernet 0/1
description *** TO ISP ***
ip address 10.0.20.5 255.255.255.0
service-policy output SHAPE_MAP
```

D.

```
policy-map SHAPE_MAP
class class-default
  shape average 80000000
!
interface gigabitethernet 0/1
description *** TO IG rack B455 A887 G718 ***
ip address 10.0.20.5 255.255.255.0
```

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

NEW QUESTION: 25

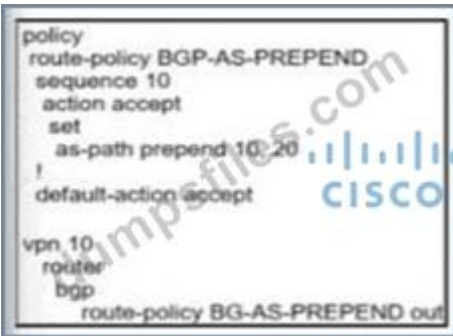
Which data policy configuration influences BGP routing traffic flow from LAN to WAN?

A.

```
policy
route-policy BGP-AS-PREPEND
sequence 10
  action accept
  set
    as-path prepend 10 20
!
default-action accept
vpn 10
router
  ospf
    route-policy BG-AS-PREPEND in
```

B.

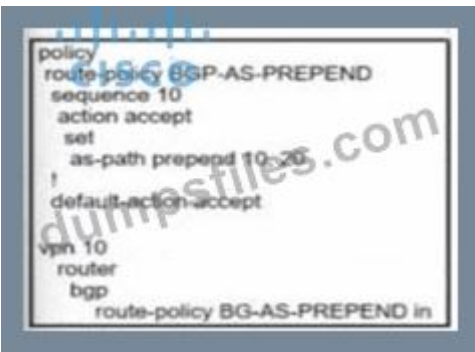
```
policy
route-policy BGP-AS-PREPEND
sequence 10
  action deny
  set
    as-path prepend 10 20
!
default-action accept
vpn 10
router
  bgp
    route-policy BG-AS-PREPEND out
```

C. The image shows a Cisco CLI configuration for a route-policy named BGP-AS-PREPEND. The configuration includes a sequence 10 with an action 'accept' and a 'set' command for 'as-path prepend 10 20'. The default action is 'accept'. This policy is applied to the BGP configuration of VPN 10 in the outbound direction.

```

policy
route-policy BGP-AS-PREPEND
sequence 10
action accept
set
as-path prepend 10 20
!
default-action accept
vpn 10
router
bgp
route-policy BGP-AS-PREPEND out

```

D. The image shows a Cisco CLI configuration for a route-policy named BGP-AS-PREPEND. The configuration includes a sequence 10 with an action 'accept' and a 'set' command for 'as-path prepend 10 20'. The default action is 'accept'. This policy is applied to the BGP configuration of VPN 10 in the inbound direction.

```

policy
route-policy BGP-AS-PREPEND
sequence 10
action accept
set
as-path prepend 10 20
!
default-action accept
vpn 10
router
bgp
route-policy BGP-AS-PREPEND in

```

Answer: C (LEAVE A REPLY)

In Cisco SD-WAN, data policies can influence the routing traffic flow, particularly when using BGP (Border Gateway Protocol) to manage the traffic from the LAN to the WAN. This involves route manipulation techniques such as AS-path prepending to influence path selection.

* AS-Path Prepending:

* AS-path prepending is a technique used to manipulate the path selection process in BGP. By adding extra AS numbers to the AS-path attribute, you make a particular route less preferred.

* This can be useful in directing traffic to take a different path by making certain routes appear longer.

* Option C Analysis:

* Policy Definition: The policy named BGP-AS-PREPEND includes a sequence that sets the AS- path to prepend the AS numbers 10 and 20.

* Application: The policy is applied in the outbound direction of BGP, which means it will influence the BGP routes being advertised from the LAN to the WAN.

* This ensures that the traffic flow from the LAN to the WAN is influenced by the AS-path prepending, making certain paths less preferred.

NEW QUESTION: 26

The branch users of an organization must be prevented from accessing malicious destinations, and the local files on users' systems must be protected from malware. Which two Cisco products must the organization deploy? (Choose two.)

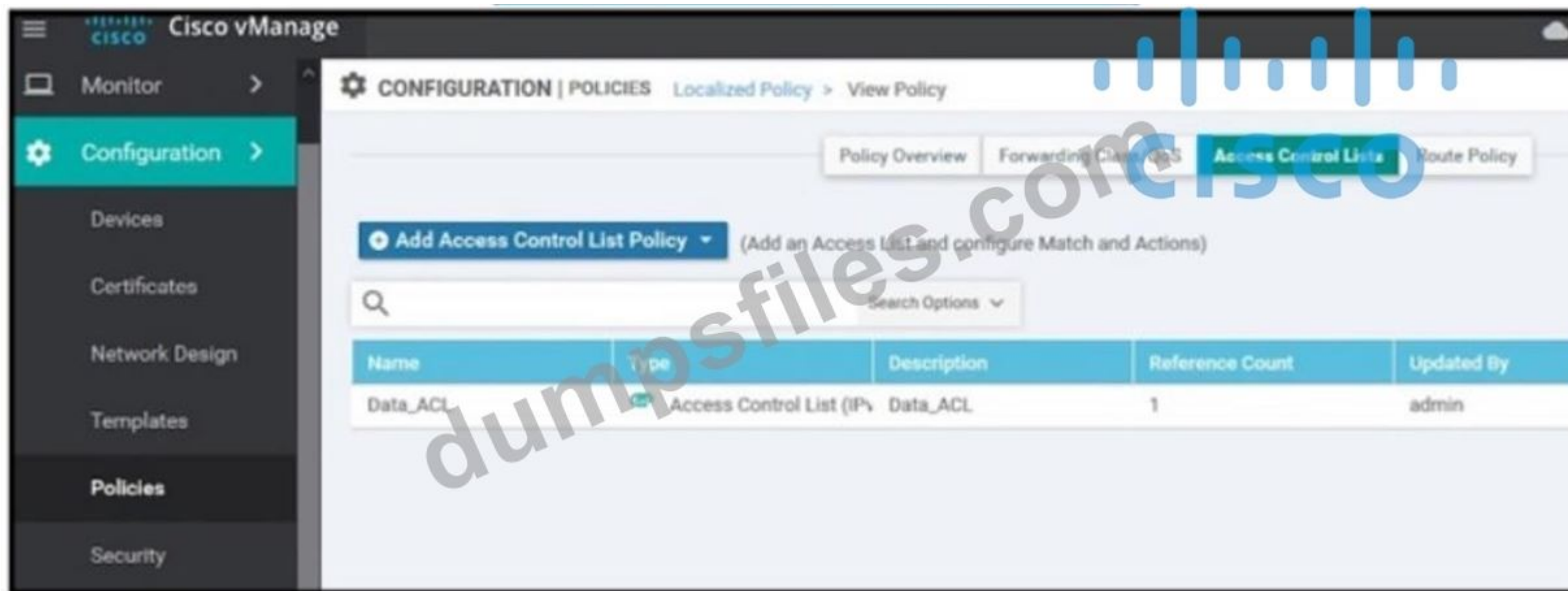
- A. Cisco Cloudlock
- B. Cisco Stealthwatch
- C. Cisco AMP
- D. Cisco Umbrella
- E. Cisco SecureX

Answer: C,D (LEAVE A REPLY)

Cisco AMP (Advanced Malware Protection) provides endpoint protection by securing local files from malware and other threats. It ensures that endpoints are continuously monitored and malware is detected and blocked.

Cisco Umbrella offers DNS-layer security that prevents users from accessing malicious destinations (websites or domains) by blocking these requests at the DNS level. It acts as a first line of defense against internet-based threats.

NEW QUESTION: 27



Refer to the exhibit. An engineer must block FTP traffic coming in from a particular Service VPN on a WAN Edge device Which set of steps achieves this goal?

- A. Create a prefix tat, add it to the localized policy and add it to the interface feature template
- B. Create a localized policy and add it to (he interface feature template
- C. Create a localized policy add it to VPN template and add an ACL to the interface feature template
- D. Create a localized policy add it to the device template and add an ACL to the interface feature template

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

NEW QUESTION: 28

Drag and drop the components from the left onto the corresponding Cisco NFV infrastructure Building Blocks on the right. Not all options are used.



Answer:



NEW QUESTION: 29

Address Family	  On  Off
Address Family	 ipv4-unicast 
Maximum Number of Prefixes	 
Route Policy In	   On  Off
Route Policy Out	  On  Off
Policy Name	 eBGP_Community_Policy

Refer to the exhibit The engineering must assign tags to 3 Of its 74 server networks as soon as they are advertised to peers These server network must not be advertised AS which configuration fulfil the requirement?

```
policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 no-advertise
default-action accept
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24
```

A.

```
policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 no-advertise
default-action reject
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24
```

B.

```
policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 no-export
default-action accept
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24
```

C.

```

policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 local-as
default-action reject
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24

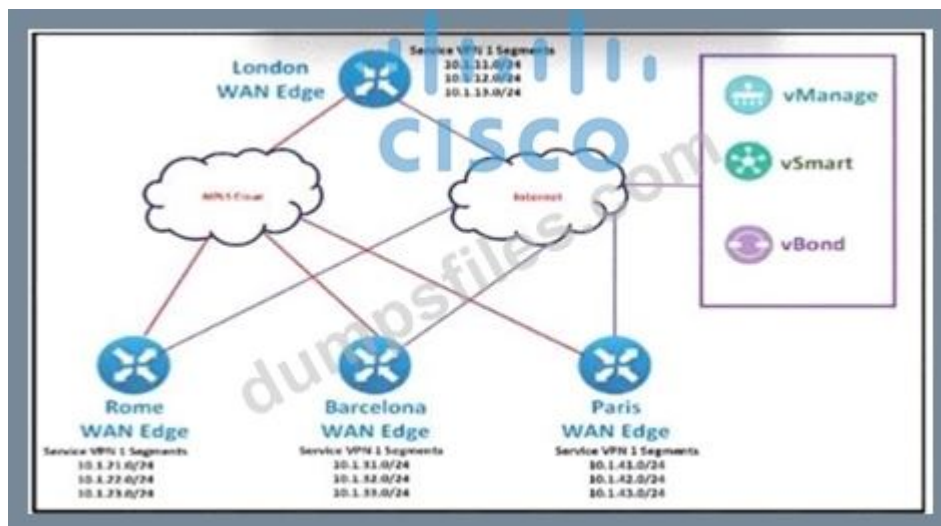
```

D.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 30

Exhibit.



The SD-WAN network is configured with a default full-mesh topology. The network engineer wants the Rome WAN Edge to use the MPLS TLOC as the preferred TLOC when Telnet traffic as long as the MPLS link has these characteristics:

Loss: 5%

Latency: 100ms

Jitter: 100 ms

Which configuration must the network engineer use to create a list that classifies the MPLS link characteristics?

Application

Color

Community

Data Prefix

Policer

Prefix

Site

App Probe Class

SLA Class

TLOC

VPN

A.

Application

Color

Community

Data Prefix

Policer

Prefix

Site

App Probe Class

SLA Class

TLOC

VPN

B.

Application

Color

Community

Data Prefix

Policer

Prefix

Site

App Probe Class

SLA Class

TLOC

VPN

C.

Application

Color

Community

Data Prefix

Policer

Prefix

Site

App Probe Class

SLA Class

TLOC

VPN

D.

Answer: C (LEAVE A REPLY)

Configuration Analysis: The configurations provided in the images must be evaluated to determine which option correctly classifies the MPLS link based on the given criteria of loss, latency, and jitter.

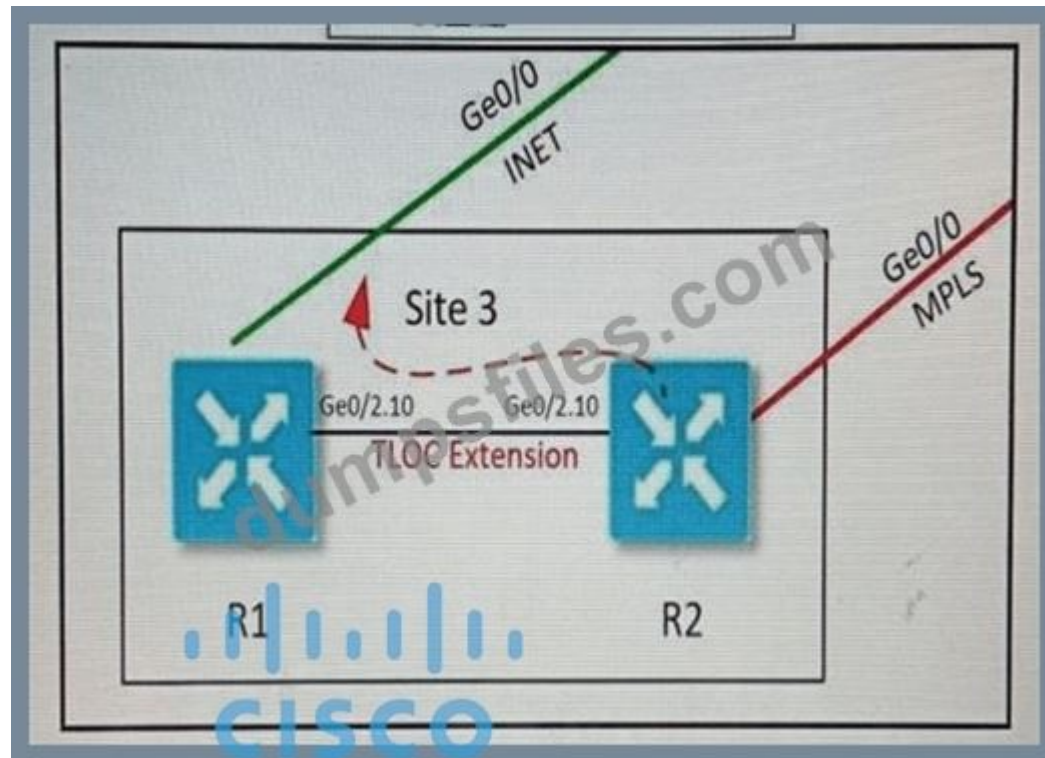
Preferred TLOC Configuration: The network engineer needs to configure the SD-WAN policy to prefer the MPLS transport for Telnet traffic, ensuring the link characteristics match the specified thresholds.

References:

* Cisco SD-WAN Policy Configuration Guide

* Cisco SD-WAN Transport and TLOC Configuration Guide

NEW QUESTION: 31



Refer to the exhibit. Which configuration extends the INET interface on R1 to be used by R2 for control and data connections?

A.

```
R1
interface ge0/2
no shutdown
interface ge0/2.10
ip address 43.43.43.2/30
tloc-extension ge0/0

R2
interface ge0/2
no shutdown
interface ge0/2.10
ip address 43.43.43.1/30
tloc-extension ge0/0
```

B.

```
R1
interface ge0/2
interface ge0/2.10
ip address 43.43.43.2/30
tloc-extension ge0/0
tunnel-interface
color public-internet

R2
interface ge0/2
interface ge0/2.10
ip address 43.43.43.1/30
tunnel-interface
color public-internet
```

```

R1
interface ge0/2
mtu 1504
no shutdown
interface ge0/2.10
ip address 43.43.43.30
tloc-extension ge0/0

R2
interface ge0/2
mtu 1504
no shutdown
interface ge0/2.10
ip address 43.43.43.130
tunnel-interface
color public-internet

```

C.

Answer: ([SHOW ANSWER](#))

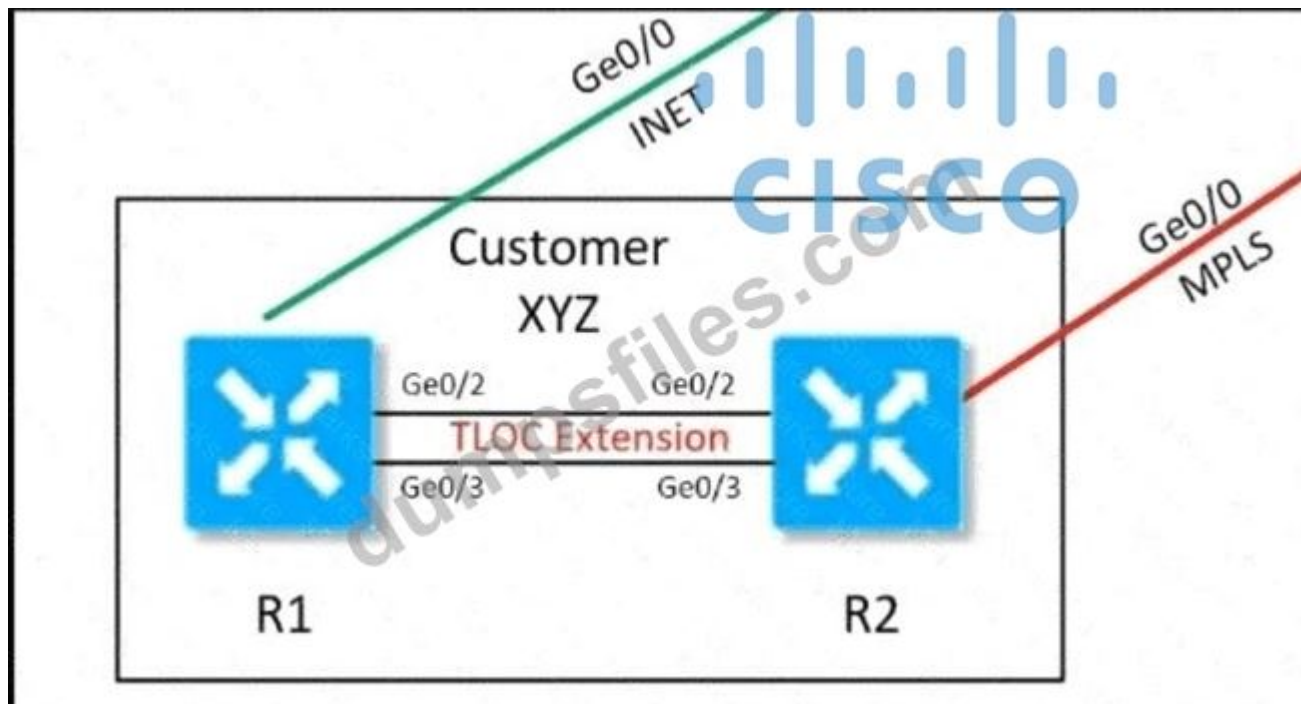
<https://www.ciscolive.com/c/dam/r/ciscolive/us/docs/2018/pdf/BRKRST-2091.pdf>

Subinterfaces require a physical, parent interface to be defined in VPN 0, and also require the subinterface MTU to be four bytes lower than the physical interface due to the 802.1q tag. It is recommended to configure the parent physical interface for an MTU of 1504 to take care of this requirement.

Valid 300-415 Dumps shared by TrainingDump.com for Helping Passing 300-415 Exam! TrainingDump.com now offer the **newest 300-415 exam dumps**, the TrainingDump.com 300-415 exam questions have been updated and answers have been corrected get the **newest** TrainingDump.com 300-415 dumps with Test Engine here: <https://www.trainingdump.com/Cisco/300-415-practice-exam-dumps.html> (551 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 32

Refer to the exhibit.



Customer XYZ cannot provision dual connectivity on both its routers due to budget constraints but wants to use both R1 and R2 interfaces for users behind them for load toward the hub site. Which configuration achieves this objective?

R1
interface ge0/2
ip address 43.43.43.2/30
tloc-extension ge0/0

interface ge0/3
ip address 34.34.34.2/30
tloc-extension ge0/0

R2
interface ge0/2
ip address 43.43.43.1/30
tunnel-interface
color public-internet

interface ge0/3
ip address 34.34.34.1/30
tunnel-interface
color mpls

A.

R1
interface ge0/2
ip address 43.43.43.2/30
tloc-extension ge0/0

interface ge0/3
ip address 34.34.34.2/30
tloc-extension ge0/0

R2
interface ge0/2
ip address 43.43.43.1/30

interface ge0/3
ip address 34.34.34.1/30

B.

R1
interface ge0/2
ip address 43.43.43.2/30
tloc-extension ge0/0

interface ge0/3
ip address 34.34.34.1/30
tunnel-interface
color mpls

R2
interface ge0/2
ip address 43.43.43.1/30
tunnel-interface
color public-internet

interface ge0/3
ip address 34.34.34.2/30
tloc-extension ge0/0

C.

R1
interface ge0/2
ip address 43.43.43.2/30
tloc-extension ge0/0

interface ge0/3
ip address 34.34.34.1/30
tunnel-interface
color mpls

R2
interface ge0/2
ip address 43.43.43.1/30
tunnel-interface
color public-internet

interface ge0/3
ip address 34.34.34.2/30
tloc-extension ge0/0

D.

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

NEW QUESTION: 33

Refer to the exhibit.

```
interface ge0/0
 tunnel-interface
 encapsulation ipsec
 color metro-ethernet
 group 100
```

The network design team has advised to use private IP addresses and private colors over the SP circuit for the data plane connections. The Public IP should be used for control connections. Which configuration should be applied at SiteA to achieve this task?

☐ vpn 0

```
interface ge0/0
 description *** TO ISP CID 64:ff9b:1:4376:89ff:34ff:76f5:2f1f ***
 tunnel-interface
 encapsulation ipsec
 color lte
 group 101
```

- ☐ vpn 0
interface ge0/0
description *** TO ISP CID 64:ff9b:1:4376:48ff:56ff:50f8:7f8f ***
tunnel-interface
encapsulation ipsec
color mpls
group 100
- ☐ vpn 0
interface ge0/0
description *** TO ISP CID 64:ff9b:1:4376:24ff:93ff:81f7:6f5f ***
tunnel-interface
encapsulation ipsec
color custom1
group 101
- ☐ vpn 0
interface ge0/0
description *** TO ISP CID 64:ff9b:1:4376:65ff:34ff:21f9:8f7f ***
tunnel-interface
encapsulation ipsec
color biz-internet
group 100

A. Option B

B. Option C

C. Option D

D. Option A

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 34

A network engineer sets tags in OMP for routes that were originated in the Service VPN. Which monitoring tab must be used to verify tags on the next hop?

A. Realtime > OMP Received TLOCs

B. Troubleshooting > Tunnel Health

C. Troubleshooting > Simulate Flows

D. Realtime > OMP Received Routes

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 35

Which two privilege types can be assigned to a user group in vManage?

A. Write

B. Read

C. Administer

D. Reboot

E. Erase

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

NEW QUESTION: 36

Drag and drop the Cisco SD-WAN components from the left onto their functions on the right.

vBond Orchestrator	IPsec key reflection and rekeying
vManage	first point of authentication
vSmart Controller	passes data plane traffic
WAN Edge Router	used to build configuration and policies

Answer:



NEW QUESTION: 37

A bank is looking for improved customer experience for applications and reduce overhead related to compliance and security. Which key feature or features of the Cisco SD-WAN solution will help the bank to achieve their goals?

- A. integration with PaaS providers to offer the best possible application xperience
- B. QoS including application prioritization and meeting critical applications SLA for selecting optimal path.
- C. implementation of a modern age core banking system
- D. implementation of BGP across the enterprise routing for selecting optimal path

Answer: ([SHOW ANSWER](#))

<https://www.cisco.com/c/en/us/solutions/collateral/enterprise-networks/sd-wan/nb-06-sd-wan-sol-overview-cte-en.html#Uniquecapabilities>

NEW QUESTION: 38

An engineer creates this data policy for DIA for VPN 10:

```
data-policy DIA
vpn-list VPN-10
sequence 10
match
  destination-data-prefix-list INTERNAL-NETWORKS
!
action accept
```

Which policy sequence enables DIA for external networks?

- ☐ sequence 5
 - match
 - source-ip 0.0.0.0/0
 - !
 - action accept
 - nat use-vpn 0
- ☐ sequence 5
 - match
 - destination-ip 0.0.0.0/0
 - !
 - action reject
 - !
 - default-action accept
- ☐ sequence 20
 - match
 - destination-ip 0.0.0.0/0
 - !
 - action accept
 - nat use-vpn 0
- ☐ sequence 20
 - match
 - source-ip 0.0.0.0/0
 - !
 - action reject
 - !
 - default-action accept

- A. Option B
- B. Option A
- C. Option D
- D. Option C

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 39

An engineer wants to track tunnel characteristics within an SLA-based policy for convergence. Which policy configuration will achieve this goal?

- A. App-route policy
- B. VPN membership policy
- C. Control policy
- D. Data policy

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

An application-aware routing policy matches applications with an SLA, that is, with the data plane tunnel performance characteristics that are necessary to transmit the applications' data traffic. The primary purpose of application-aware routing policy is to optimize the path for data traffic being transmitted by Cisco SD-WAN devices.

NEW QUESTION: 40

Customer has two branch silos with overlapping IPs How must the data policy be configured to establish communication between the sites and server to avoid overlapping?

A.

```

policy data-policy Srvc_Plane_NAT
  vpn-list VPN2
  sequence 10
  match source-ip 10.0.0.1/32
  !
  action accept
  nat pool 1
  !
  !
  default-action accept
!
!
interface ge0/0/0
  ip address 192.168.1.1/32
  no shutdown

```

B.

```

policy data-policy Srvc_Plane_NAT
  vpn-list VPN2
  sequence 10
  match source-ip 10.0.0.1/32
  !
  action accept
  nat pool 1
  !
  !
  default-action accept
!
!
interface natpool1
  ip address 192.168.1.1/32
  no shutdown

```

C.

```

policy data-policy Srvc_Plane_NAT
  vpn-list VPN1
  sequence 10
  match source-ip 10.0.0.1/32
  !
  action accept
  nat pool 1
  !
  !
  default-action accept
!
!

```

D.

```

policy data-policy Srvc_Plane_NAT
  vpn-list VPN1
  sequence 10
  match source-ip 10.0.0.1/32
  !
  action accept
  nat use-vpn 0
  !
  !
  default-action accept
!
!

```

Answer: (SHOW ANSWER)

When dealing with overlapping IP addresses in different branch sites, it's crucial to use NAT (Network Address Translation) to avoid IP conflicts and establish proper communication.

NAT Configuration:

Source NAT: This involves translating the source IP addresses of the packets as they leave a specific interface. This can help avoid IP conflicts by ensuring that the IP addresses used within the network are unique.

Data Policy: A data policy must be created that matches the source IP addresses and applies the NAT pool to translate these addresses.

Option A Analysis:

Policy Definition: The data policy Srvc_Plane_NAT includes a sequence that matches the source IP 10.0.0.1/32 and accepts the action to apply NAT using nat pool 1.

Interface Configuration: The interface ge0/0/0 is configured with the IP address 192.168.1.1/32 and is not shut down, ensuring it is active and can handle the NAT translation.

:

Cisco SD-WAN NAT Configuration Guide

Cisco SD-WAN Data Policy Configuration Documentation

NEW QUESTION: 41

Which device in the SD-WAN solution receives and categorizes event reports, and generates alarms?

- A. WAN Edge routers
- B. vSmart controllers
- C. vManage NMS
- D. vBond controllers

Answer: ([SHOW ANSWER](#))

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/Monitor-And-Maintain/monitor-maintain-book/m-alarms-events-logs.html>

<https://www.cisco.com/c/dam/en/us/td/docs/routers/sdwan/configuration/vmanage/vmanage-how-tos-18-4-1.pdf>

NEW QUESTION: 42

Which encryption algorithm secures binding exchanges Between Cisco TrustSec SXP peers?

- A. SEAL
- B. 3DES
- C. AES
- D. MD5

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

Cisco TrustSec (CTS) is a technology that enables secure access and dynamic role-based access control in the network. The Security Group Tag (SGT) Exchange Protocol (SXP) is used to propagate SGTs across network devices. To ensure the secure exchange of these tags, Cisco uses encryption algorithms.

AES (Advanced Encryption Standard): AES is widely used in many security protocols and standards because of its strong encryption capabilities. In the context of Cisco TrustSec, AES is the encryption algorithm used to secure binding exchanges between SXP peers. It provides robust encryption, ensuring the integrity and confidentiality of the data being exchanged.

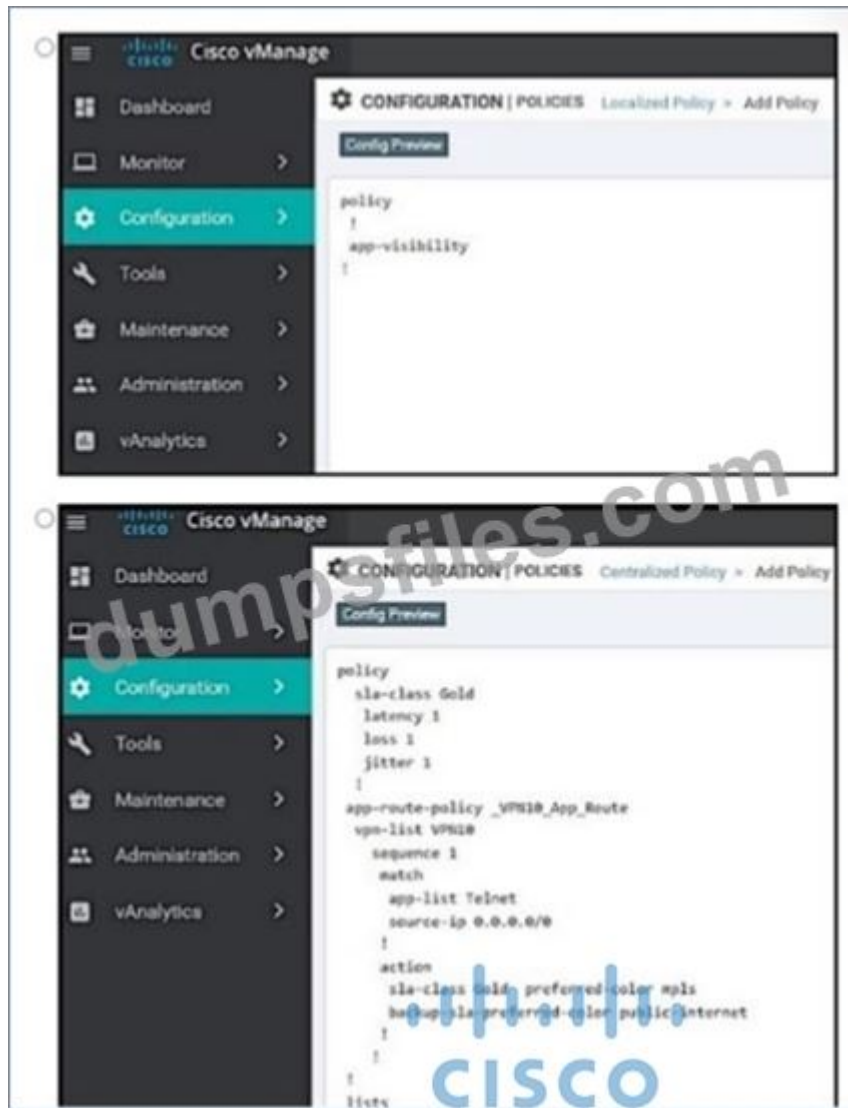
Implementation: When configuring SXP peers, the AES encryption ensures that the SGT information transmitted is secure and cannot be intercepted or tampered with by unauthorized entities.

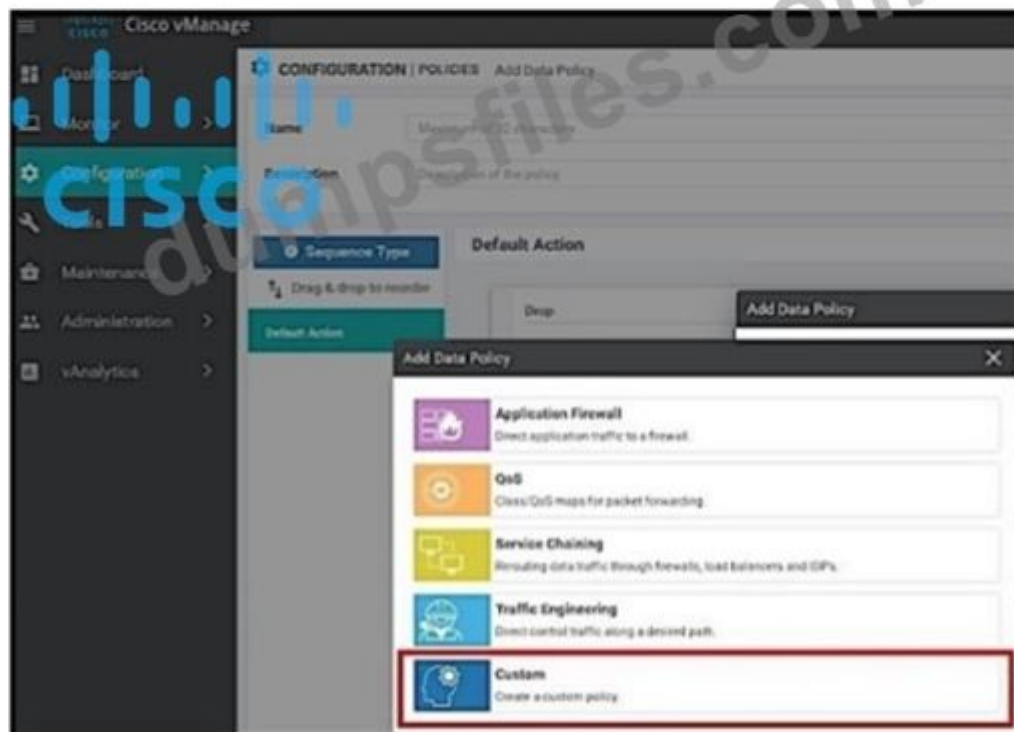
Cisco TrustSec Configuration Guide

Cisco's official documentation on TrustSec SXP deployment

NEW QUESTION: 43

An organization wants to discover monitor and track the applications running on the WAN Edge device on the LAN Which configuration achieves this goal?





- A. Option D
- B. Option C
- C. Option A
- D. Option B

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

NEW QUESTION: 44

An engineer modifies a data policy for DIA in VPN 67. The location has two Internet-bound circuits. Only the web browsing traffic must be admitted for DIA. without further discrimination about which transport to use.

Here is the existing data policy configuration:

```
data-policy DIA
vpn-list VPN-67
sequence 10
match
destination-data-prefix-list INTERNAL-NETWORKS
!
!
default-action drop
```

Which policy configuration sequence meets the requirements?

- ☐ sequence 5
match
destination-port 80 443
destination-ip 0.0.0.0/0
!
action accept
nat use-vpn 0
- ☐ sequence 20
match
destination-port 80 443
source-ip 0.0.0.0/0
!
action accept
set
local-tloc-list
color biz-Internet

○ sequence 20
match
destination-port 80 443
destination-ip 0.0.0.0/0
!
action accept
nat use-vpn 0

○ sequence 5
match
destination-port 80 443
source-ip 0.0.0.0/0
!
action accept
set
local-tloc-list
color biz-internet

- A. Option C
- B. Option D
- C. Option A
- D. Option B

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 45

Which component of the Cisco SD-WAN secure extensible network provides a single pane of glass approach to network monitoring and configuration?

- A. APIC-EM
- B. vSmart
- C. vManage
- D. vBond

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

Cisco vManage provides a single-pane-of-glass management to manage all controller components and both enterprise and extended enterprise WAN edge devices. The comprehensive vManage GUI has dashboard, monitor, configuration, tools, maintenance, administration, and analytics as the top-level menus.

NEW QUESTION: 46

How does the replicator role function in cisco SD-WAN?

- A. WAN Edge devices advertise the rendezvous point to all the receivers through the underlay network.

- B. vSmart Controllers advertise the rendezvous point to all the receivers through the overlay network.
- C. WAN Edge devices advertise the rendezvous point to all receivers through the overlay network.
- D. vSmart Controllers advertise the rendezvous point to all the receivers through the underlay network.

Answer: ([SHOW ANSWER](#))

Replicators

For efficient use of WAN bandwidth, strategic Cisco SD-WAN routers can be deployed and configured as replicators throughout the overlay network. Replicators mitigate the requirement for a Cisco SD-WAN router with local sources or the PIM-RP to replicate a multicast stream once for each receiver. As discussed above, replicators advertise themselves, using OMP multicast-autodiscover routes, to the Cisco vSmart Controllers in the overlay network. The controllers then forward the replicator location information to the PIM-enabled Cisco IOS XE SD-WAN routers that are in the same VPN as the replicator.

Valid 300-415 Dumps shared by TrainingDump.com for Helping Passing 300-415 Exam! TrainingDump.com now offer the **newest 300-415 exam dumps**, the TrainingDump.com 300-415 exam questions have been updated and answers have been corrected get the **newest** TrainingDump.com 300-415 dumps with Test Engine here: <https://www.trainingdump.com/Cisco/300-415-practice-exam-dumps.html> (551 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 47

The SD-WAN network is configured with a default full-mesh topology. The SD-WAN engineer wants the Barcelona WAN Edge to use the MPLS TLOC when forwarding Telnet traffic based on a configured SLA class list. Which configured must the engineer use to create a policy to call the SLA class and set the preferred color to MPLS?





C.



D.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 48

Refer to the exhibit.

Address Family	☐ On	☐ Off
Address Family	ipv4-unicast	
Maximum Number of Prefixes	1	
Route Policy In	☐ On	☒ Off
Route Policy Out	☐ On	☐ Off
Policy Name	eBGP_Community_Policy	

The engineer must assign community tags to 3 of its 74 critical server networks as soon as that are advertised to BGP peers. These server networks must not be advertised outside AS. Which configuration fulfill this requirement?

```

policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 no-export
default-action accept
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24

```

A.

```

policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 local-as
default-action reject
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24

```

B.

```

policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 local-as
default-action reject
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24

```

C.

```

policy
route-policy eBGP_Community_Policy
sequence 1
match
address Community_Prefix
action accept
set
community 999:65000 no-export
default-action accept
lists
prefix-list Community_Prefix
ip-prefix 20.20.20.0/24
ip-prefix 21.21.21.0/24
ip-prefix 22.22.22.0/24

```

D.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 49

Which scheduling method is configured by default for the eight queues in the cloud vEdge router1?

- A. low latency queue
- B. priority queue
- C. weighted random early detection
- D. weighted round robin

Answer: ([SHOW ANSWER](#))

Reference:

https://sdwan-docs.cisco.com/Product_Documentation/Software_Features/SD-WAN_Release_16.3

NEW QUESTION: 50

Which configuration allows users to reach YouTube from a local Internet breakout?

A)

```
VPN 10
ip route 0.0.0.0/0 vpn 0
```

B)

```
VPN 10
ip route 0.0.0.0/0 vpn 0
VPN 0
interface Gig1/1
nat
```

C)

```
policy
data-policy DPI
vpn-list vpn10
sequence 10
match
app-list YouTube
destination-port 80 443
!
action accept
count Youtube
!
default-action accept
!
lists
vpn-list vpn10
vpn 10
!
app-list YouTube
app youtube
app youtube_hd
!
site-list Remote
site-id 14
site-id 15
!
!
!
apply-policy
site-list Remote
data-policy DPI from-transport
```

D)

```
policy
data-policy DPI
vpn-list vpn10
sequence 10
match
app-list YouTube
!
action drop
count Youtube
!
default-action accept
!
lists
vpn-list vpn10
vpn 10
!
app-list YouTube
app youtube
app youtube_hd
!
site-list Remote
site-id 14
site-id 15
!
apply-policy
site-list Remote
data-policy DPI from-transport

vpn 10
ip route 0.0.0.0/0 vpn 0
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

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

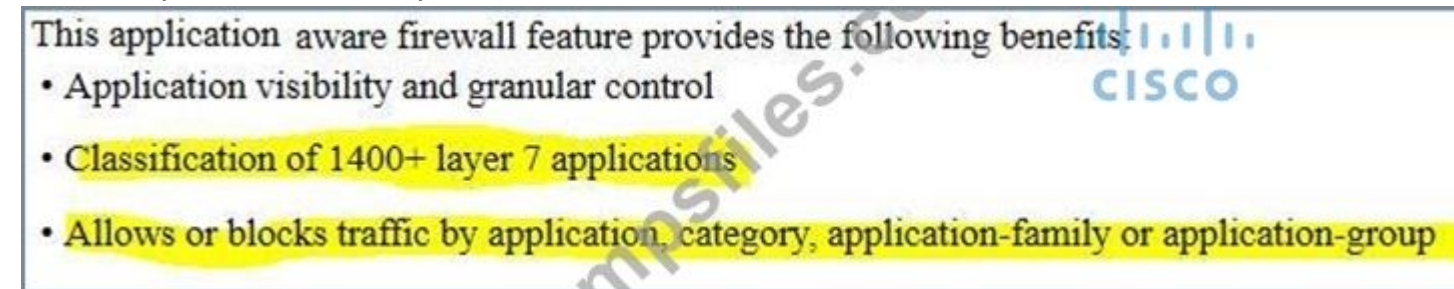
As explained in figure 7, within the direct Internet model, segmentation is leveraged by deploying centralized data policies or a NAT DIA route to leak Internet traffic from the service-side VPN (VPNs 0 - 511,513 - 65530) into the Internet transport VPN (VPN 0), which allows traffic to exit directly to the Internet through the NAT- enabled interface in VPN 0.

NEW QUESTION: 51

Which two features does the application firewall provide? (Choose two.)

- A. classification of 1400+ layer 7 applications
- B. blocks traffic by application or application-family
- C. numbered sequences of match-action pairs
- D. classification of 1000+ layer 4 applications
- E. application match parameters

Answer: ([SHOW ANSWER](#))



This application aware firewall feature provides the following benefits:

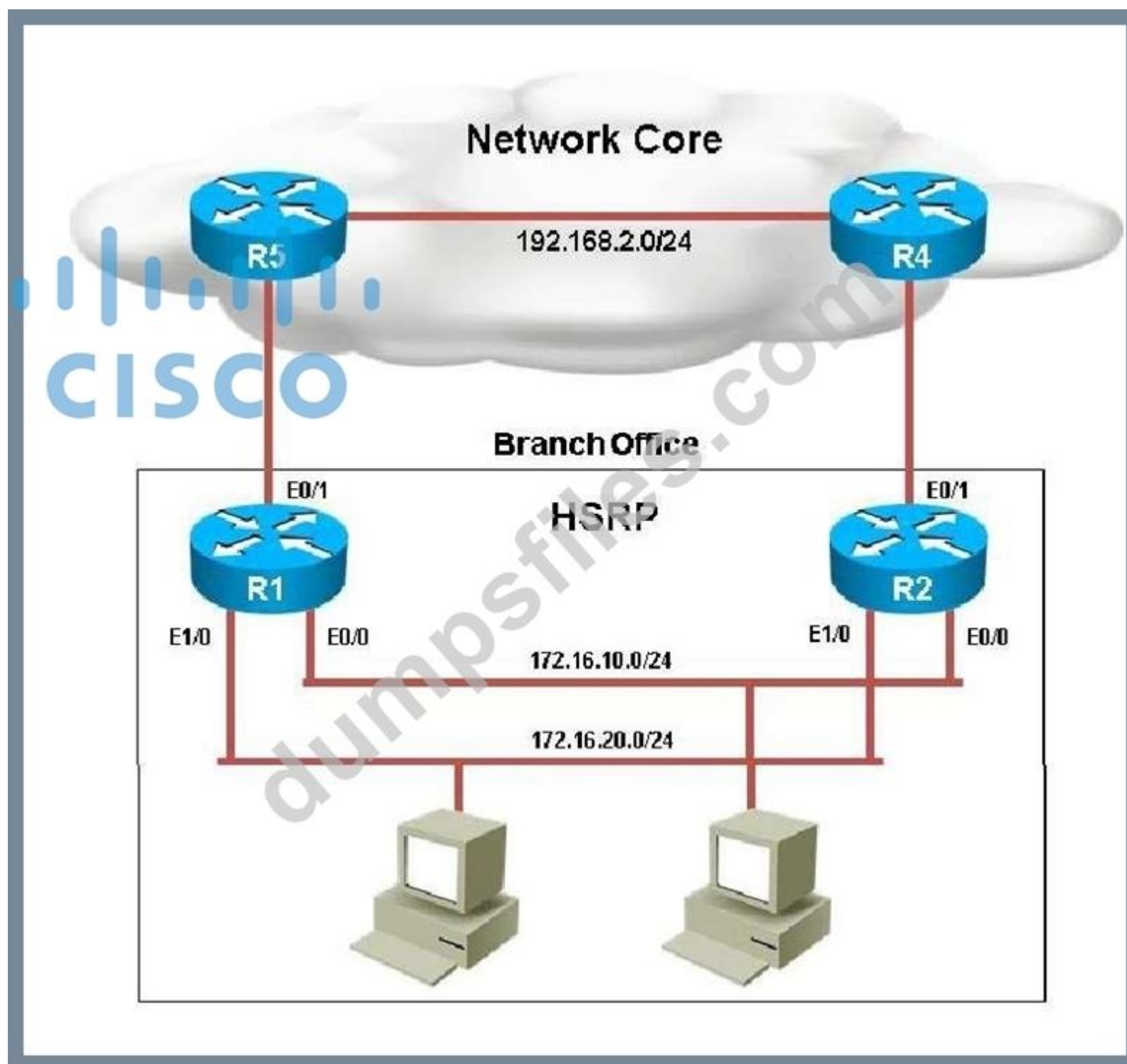
- Application visibility and granular control
- Classification of 1400+ layer 7 applications
- Allows or blocks traffic by application, category, application-family or application-group

The screenshot shows a Cisco logo in the top right corner and a large, faint watermark reading 'mfiles.com' diagonally across the text.

NEW QUESTION: 52

Scenario:

You have been asked by your customer to help resolve issues in their routed network. Their network engineer has deployed HSRP. On closer inspection HSRP doesn't appear to be operating properly and it appears there are other network problems as well. You are to provide solutions to all the network problems.









You have received notification from network monitoring system that link between R1 and R5 is down and you noticed that the active router for HSRP group 1 has not failed over to the standby router for group 1. You are required to troubleshoot and identify the issue.

- A. There is an HSRP group track command misconfiguration
- B. There is an HSRP group priority misconfiguration
- C. There is an HSRP authentication misconfiguration
- D. There is an HSRP group number mismatch
- E. This is not an HSRP issue; this is routing issue.

Answer: ([SHOW ANSWER](#))

When looking at the HSRP configuration of R1, we see that tracking has been enabled, but that it is not tracking the link to R5, only the link to R2:

R1

```
track 1 interface Ethernet0/0 line-protocol

interface Ethernet0/0
description connection to 172.16.10.0/24 network
ip address 172.16.10.2 255.255.255.0
standby 1 ip 172.16.10.254
standby 1 priority 130
standby 1 preempt delay reload 180
standby 1 mac-address 4000.0000.0010
standby 1 track 1 decrement 40
```

R1 should be tracking the Eth 0/1 link, not 0/0 to achieve the desired affect/

NEW QUESTION: 53

In an AWS cloud, which feature provision WAN Edge routers automatically in Cisco SD-WAN?

- A. Cloud app
- B. Cloud OnRamp
- C. vAnalytics
- D. Network Designer

Answer: (SHOW ANSWER)

Cisco SD-WAN Cloud OnRamp for IaaS, "Cloud OnRamp" for short, is a Cisco SD-WAN feature that automates provisioning of a Cisco SD-WAN virtual appliance routers (either vEdge Cloud or CSR (Cloud Services Router)) in the AWS cloud, after providing

NEW QUESTION: 54

Which queue must an engineer configure for control and BFD traffic for convergence on a WAN Edge router?

- A. queue 0
- B. queue 1
- C. queue 2
- D. queue 7

Answer: (SHOW ANSWER)

Queue 0 is always configured as a low-latency queue and is the only queue that supports Low Latency Queuing. Additionally, all control traffic that is originated by the WAN Edge router, including DTLS/TLS, BFD probes, and routing protocol traffic, is automatically mapped to queue

0.

NEW QUESTION: 55

Drag and drop the policies from the left onto the correct policy types on the right.

strict hub-and-spoke topology

perform shaping on traffic

service firewall insertion

prefer voice and video via MPLS link

Control Policy

Data Policy

Answer:

strict hub-and-spoke topology

perform shaping on traffic

service firewall insertion

prefer voice and video via MPLS link

Control Policy

strict hub-and-spoke topology

prefer voice and video via MPLS link

Data Policy

perform shaping on traffic

service firewall insertion

NEW QUESTION: 56

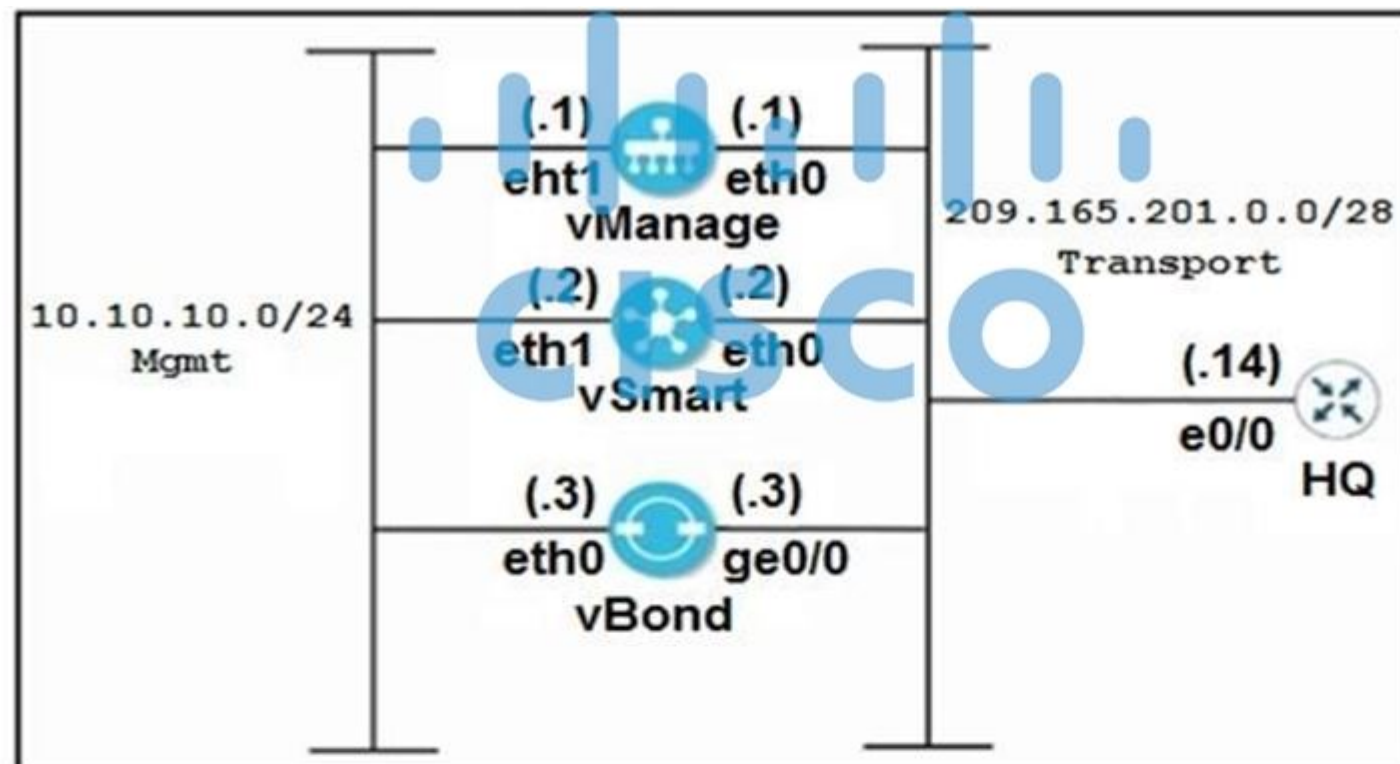
Which compression algorithm does DRE use in a Cisco SD-WAN environment?

- A. Huffman encoding
- B. Lempel-Ziv-Welch encoding
- C. run-length encoding
- D. Ziv Huffman encoding

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

NEW QUESTION: 57

Refer to the exhibit. vManage and vBond have an issue establishing a connection with each other. Which action resolves the issue?



vManage

system

```
system-ip 10.10.10.101
host-name vManage
site-id 1
clock timezone Europe/London
vbond 209.165.201.3
organization-name Cisco.com
```

!

vpn 0

```
interface eth0
ip address 209.165.201.1/28
no shut
tunnel-interface
allow-service all
ip route 0.0.0.0/0 209.165.201.14
```

!

commit

vBond

system

```
system-ip 10.10.10.103
host-name vBond
site-id 1
clock timezone Europe/London
vbond 209.165.201.3 Local
organization-name viptela.com
```

!

vpn 0

```
interface ge0/0
ip address 209.165.201.3/28
no shut
tunnel-interface
encapsulation ipsec
allow-service all
ip route 0.0.0.0/0 209.165.201.14
```

!

commit

- A. Change the organization name on both controllers to match viptela.com.
- B. Configure the encapsulation ipsec command under the tunnel interface on vManage.
- C. Reconfigure the system IPs to belong to the same subnet.
- D. Remove the encapsulation ipsec command under the tunnel interface of vBond.

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

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/sdwan-xe-gs-book/cisco-sd-wan-overlay-network-bringup.html>

NEW QUESTION: 58

An engineer configures policing with a rate of 125 Bps and a burst rate of 8000 bits, as shown here:

```

policy
  policer p1
  rate
  burst
  exceed drop
  !
  access-list acl1
  sequence 1
  match
  source-ip 2.2.0.0/16
  destination-ip 10.1.1.0/24 100.1.1.0/24
  destination-port 20 30
  protocol 6 17 23
  !
  action accept
  policer p1
  !
  default-action drop
  !
  vpn 1
  interface ge0/4
  description Policy ID: B412:A29D:65G3::5
  ip address 10.20.24.15/24
  no shutdown
  access-list acl1 out
  !

```

Which configuration completes this task?

- A. Configure 1000 for rate and 64000 for burst.
- B. Configure 125 for rate and 8000 for burst.
- C. Configure 1000 for rate and 1000 for burst.
- D. Configure 125 for rate and 1000 for burst.

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

NEW QUESTION: 59

A policy is created to influence routing in the network using a group of prefixes. What policy application will achieve this goal when applied to a site list?

- A. Vpn-membership policy
- B. Control-policy
- C. cflowd-template

D. App-route policy

Answer: ([SHOW ANSWER](#))

Control policy, which is similar to standard routing policy, operates on routes and routing information in the control plane of the overlay network. Centralized control policy, which is provisioned on the Cisco vSmart Controller, is the Cisco SD-WAN technique for customizing network-wide routing decisions that determine or influence routing paths through the overlay network. Local control policy, which is provisioned on a Cisco vEdge device, allows customization of routing decisions

NEW QUESTION: 60

What is the advantage of installing the controller on-premises?

- A. automatic geographical redundancy and security
- B. full control of the data plane and the control plane
- C. scalability and a cost-saving
- D. ease of deployment and management

Answer: ([SHOW ANSWER](#))

Key benefices of on-premise systems

Greater security and privacy: On-premise systems are installed and operated on your premises,

so your data is always kept secure and private, as long as you harden your platform and keep them up to date.

More control and customization: On-premise systems give you more control over your security

system. You can customize it to meet your specific needs and requirements, whereas Cloud- based systems are more limited in customization options.

Higher performance: On-premise systems typically have higher performance than Cloud-based

systems, as they don't rely on the Internet connection or power outages.

Increased reliability: On-premise systems are less likely to experience downtime due to Internet

connection issues, as they don't rely on the Cloud for their functionality.

Disadvantages of on-premise systems

On-premise or legacy access control systems are becoming less secure every day. Legacy

systems are outdated and vulnerable to hackers who know how much time it takes for each server location or firm's IT department to have access control capabilities. Hackers can exploit these vulnerabilities because they're already familiar with the decades-old technology used in these legacy security methods, making them an easy target.

They can be expensive to purchase and maintain

It would be best to have a dedicated IT staff to manage them.

They can be challenging to scale up or down to meet your organization's needs.

They are less flexible than cloud-based systems.

NEW QUESTION: 61

An engineer wants to automate the onboarding process for a WAN Edge router with vManage.

Which command will accomplish this?

- A. request vedge-cloud activate chassis-number <chassis-number> serial <serial>
- B. request vedge-cloud activate chassis-number <chassis-number> token <token-number>
- C. request vedge-cloud activate serial <serial> token <token-number>
- D. request vedge-cloud activate chassis-number <chassis-number> organization <organization>

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

request vedge-cloud activate

Activate a vEdge Cloud router in the overlay network (on vEdge Cloud routers only). Before you can use this command, you must configure the organization name and the vBond orchestrator's IP address or DNS name on the vEdge Cloud router.

Command Hierarchy

request vedge-cloud activate chassis-number number token token

Reference: <https://www.cisco.com/c/en/us/td/docs/routers/sdwan/command/sdwan-cr-book/operational-cmd.html#wp1526475327>

Valid 300-415 Dumps shared by TrainingDump.com for Helping Passing 300-415 Exam! TrainingDump.com now offer the **newest 300-415 exam dumps**, the TrainingDump.com 300-415 exam **questions have been updated** and **answers have been corrected** get the **newest** TrainingDump.com 300-415 dumps with Test Engine here: <https://www.trainingdump.com/Cisco/300-415-practice-exam-dumps.html> (551 Q&As Dumps, **40%OFF Special Discount: Exam-Tests**)

NEW QUESTION: 62

Which command displays BFD session summary information per TLOC on vEdge routers?

- A. show bfd history
- B. show bfd tloc-summary-list
- C. show bfd sessions
- D. show bfd summary

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 63

How do receivers request to join multicast streams in a Cisco SD-WAN network?

- A. Multicast service routes with the vSmart controller.
- B. IGMP membership reports directly with a multicast router.
- C. PIM messages with the nearest neighboring multicast router.
- D. IGMP membership reports directly with the vBond orchestrator.

Answer: ([SHOW ANSWER](#))

In a Cisco SD-WAN network, receivers use IGMP (Internet Group Management Protocol) membership reports to request to join multicast streams. These reports are sent directly to the nearest multicast router, which manages group membership and forwarding of multicast traffic to interested receivers.

NEW QUESTION: 64

What are three types of data that JSON uses when Cisco APIC REST API uses JavaScript?

- A. GET, PUT, and DELETE
- B. GET, PUT, and POST
- C. SCALAR, POST, and OBJECT
- D. SCALAR, OBJECT, and ARRAY

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

NEW QUESTION: 65

Which device in the SD- WAN solution receives and categorizes event reports, and generates alarms?

- A. WAN Edge routers
- B. vSmart controllers
- C. vManage NMS
- D. vBond controllers

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

https://sdwan-docs.cisco.com/Product_Documentation/vManage_Help/Release_17.1/vManage_NMS_Product_H

NEW QUESTION: 66

Which feature builds transport redundancy by using the cross link between two redundant WAN Edge routers?

- A. OMP
- B. zero-touch provisioning
- C. quality of service
- D. TLOC extension

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

Features like TLOC extension help to build transport redundancy by using the cross link between two redundant WAN Edge routers. Network level redundancy is implemented by multiple geo-redundant data centers.

NEW QUESTION: 67

What must an engineer consider when deploying an SD-WAN on-premises architecture based on ESXi hypervisor?

- A. Cisco must provision the backup and snapshots platform for the SD-WAN architecture
- B. The managed service provider must provision controllers with their appropriate certificates
- C. The IT team will be given access by Cisco to a vManage for configuration templates and policies
- D. The IT team is required to provision the SD-WAN controllers and is responsible for backups and disaster recovery implementation

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

NEW QUESTION: 68

An engineer must apply the configuration for certificate installation to vBond Orchestrator and vSmart Controller. Which configuration accomplishes this task?

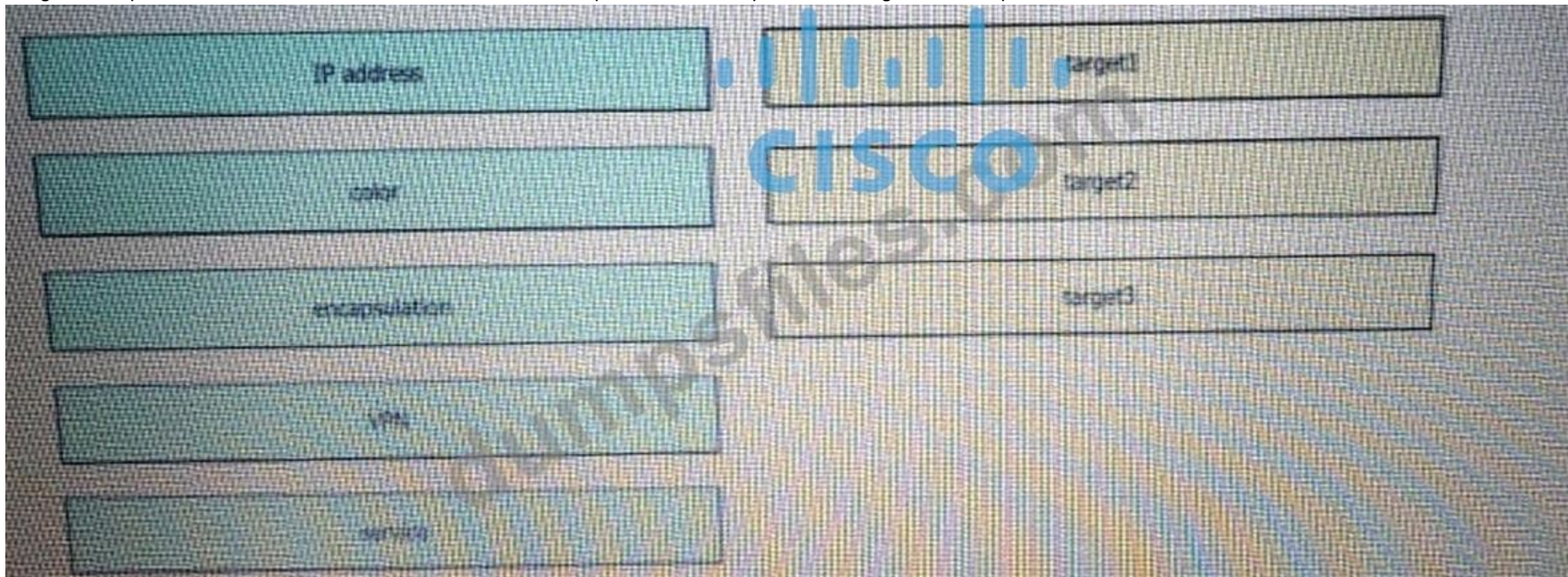


- A. Option D
- B. Option A
- C. Option B
- D. Option C

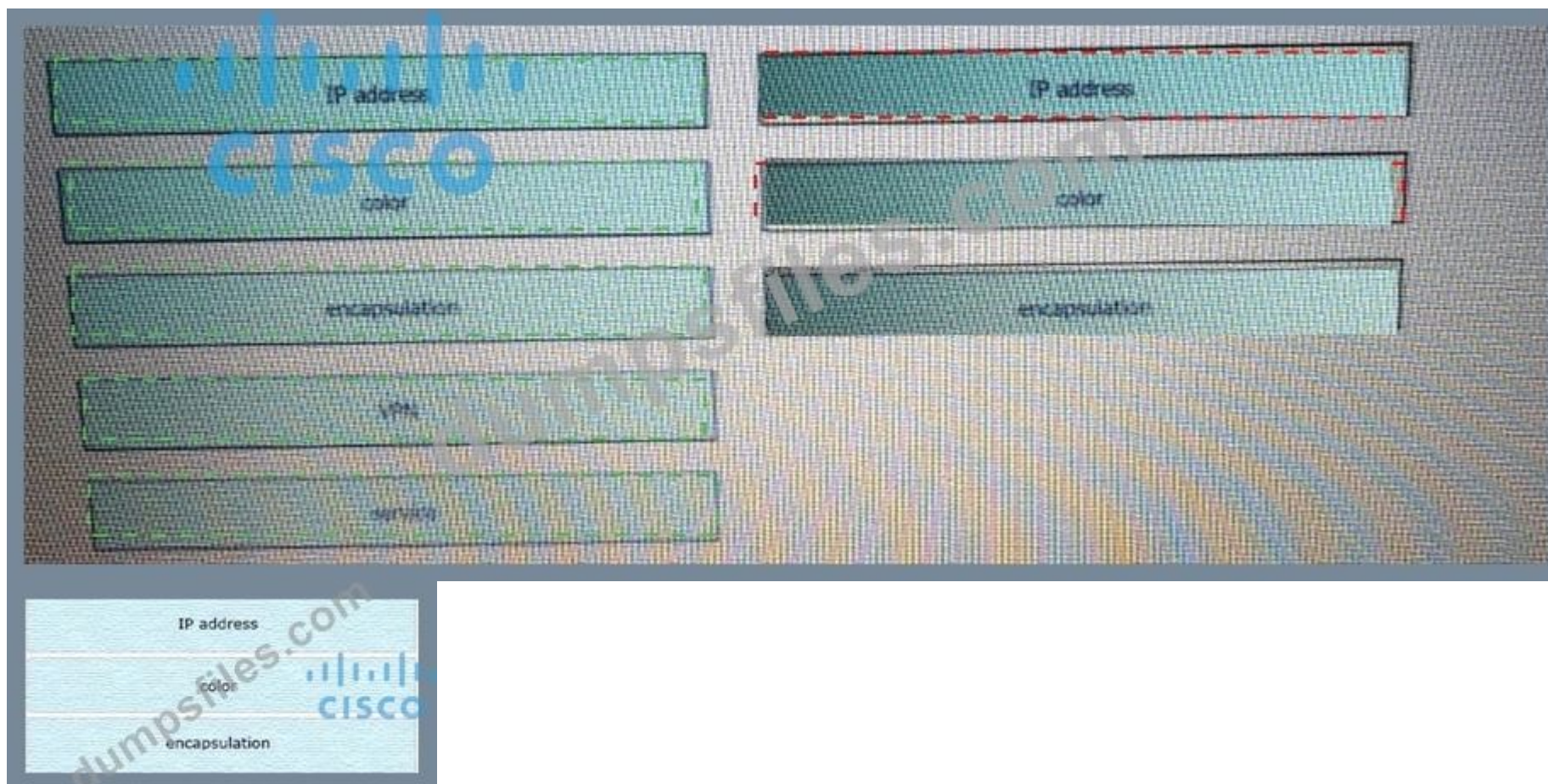
Answer: ([SHOW ANSWER](#))

NEW QUESTION: 69

Drag and drop the attributes from the left that make each transport location unique onto the right. Not all options are used.



Answer:



A TLOC, or Transport Location, is the attachment point where a WAN Edge router connects to the WAN transport network. A TLOC is uniquely identified and represented by a three-tuple, consisting of system IP address, link color, and encapsulation (Generic Routing Encapsulation [GRE] or IPsec).

NEW QUESTION: 70

Which VPNs must be configured outside the workflow to complete the SD-WAN overlay setup when using the Quick Connect workflow?

- A. service and transport VPNs
- B. service VPNs
- C. transport VPNs
- D. management VPNs

Answer: ([SHOW ANSWER](#))

The Quick Connect workflow in Cisco SD-WAN simplifies the initial setup process by automating many configuration steps. However, certain configurations still need to be performed outside of this automated workflow to ensure a complete and operational SD-WAN overlay.

* Management VPNs: Management VPNs, specifically VPN 512, are used for device management and are critical for the proper operation and management of the SD-WAN devices. These VPNs are typically configured outside of the Quick Connect workflow to ensure that all devices can be properly managed and monitored.

* Service and Transport VPNs: While service and transport VPNs are also important, they are often included within the Quick Connect workflow, which sets up the necessary configurations to enable data transport across the SD-WAN fabric.

* References:

* Cisco SD-WAN Quick Connect Guide

* Cisco SD-WAN Management and Monitoring Guide

NEW QUESTION: 71

Which configuration enables route filtering in an SD-WAN controller?

A. filter-route

tloc-color inbound

B. omp

filter-route

outbound tloc-color

C. omp

filter-route tloc-color

D. omp

filter-route

inbound tloc-color

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

NEW QUESTION: 72

An engineer must configure local router redundancy on a site. Which configuration is required to accomplish the task?

sdwan

A. interface interface1-name

tloc-extension interface2-name

system

B. interface interfacel-name

tloc-extension interface2-name

system

C. tloc-extension interfacel-name

interface interface2-name

sdwan

D. tloc-extension interface1-name

interface interface2-name

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

Local router redundancy in Cisco SD-WAN is implemented using TLOC extension, which allows one WAN Edge router to use the transport interface of another router at the same site. This is configured under the sdwan interface tunnel-interface configuration on the WAN Edge device.

The command tloc-extension interface2-name specifies the local interface used to reach the peer WAN Edge that provides the alternate transport, enabling redundancy for the transport connection.

NEW QUESTION: 73

Which two algorithms authenticate a user when configuring SNMPv3 monitoring on a WAN Edge router?

(Choose two.)

A. AES-256

B. SHA-1

C. AES-128

D. MDS

E. SHA-2

Answer: ([SHOW ANSWER](#))

Configure SNMPv3

To configure SNMPv3, in SNMP Version, click V3. For SNMPv3, you can configure groups, users, and trap information. Configure groups and trap information as described above.

To configure SNMPv3 users, in the User section, click Add New User and enter the following parameters:

Parameter Name	Description
User	Enter a name of the SNMP user. It can be 1 to 32 alphanumeric characters.
Authentication Protocol	Select the authentication mechanism for the user: • MD5—Use message digest 5. • SHA—Use SHA-2 message digest.

NEW QUESTION: 74

Refer to the exhibit.

```
policy
  policer ccnp
    rate 1000000
    burst 15000
    exceed drop
  !
access-list acl-guest
  sequence 1
  match
    source ip 172.16.10.0/24
    destination ip 172.16.20.0/24
    destination-port 20
    protocol 6
  !
  action accept
    policer ccnp
  !
  !
default-action drop
```

Which QoS treatment results from this configuration after the access list acl-guest is applied inbound on the vpn1 interface?

- A. A TCP packet sourcing from 172.16.10.1 and destined to 172.16.20.1 is dropped
- B. A TCP packet sourcing from 172.16.20.1 and destined to 172.16.10.1 is accepted
- C. A UDP packet sourcing from 172.16.20.1 and destined to 172.16.10.1 is accepted

D. A UDP packet sourcing from 172.16.10.1 and destined to 172.16.20.1 is dropped.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 75

Refer to the exhibit.

```
vpn 0
interface ge0/0
ip address 10.1.15.15/24
tunnel-interface
color lte
allow-service dhcp
allow-service dns
allow-service icmp

no allow-service sshd
no allow-service ntp
no allow-service stun
!
no shutdown
shaping-rate 111
```

Which shaping-rate does the engineer use to shape traffic at 9 Mbps?

- A. 9
- B. 9000
- C. 90000
- D. 9000000

Answer: ([SHOW ANSWER](#))

Explanation

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/command/sdwan-cr-book/config-cmd.html#wp421715213>

NEW QUESTION: 76

An engineer must deploy a QoS policy with these requirements:

- policy name: App-police
- police rate: 1000000
- burst: 1000000
- exceed: drop

Which configuration meets the requirements?

- A.

```
vpn 10
interface ge0/0/0
set
  policer App-police in
default action accept
```
- B.

```
policy
action accept
set
  policer App-police
```

```
policy
data-policy policy-name
vpn-list 10
sequence 1
action accept
set
  policer App-police
```

C.

```
vpn-list 'VPN10'
sequence 1
match
  app-list youtube
action accept
set
  policer App-police
```

D.

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

Valid 300-415 Dumps shared by TrainingDump.com for Helping Passing 300-415 Exam! TrainingDump.com now offer the **newest 300-415 exam dumps**, the TrainingDump.com 300-415 exam questions have been updated and answers have been corrected get the **newest** TrainingDump.com 300-415 dumps with Test Engine here: <https://www.trainingdump.com/Cisco/300-415-practice-exam-dumps.html> (551 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 77

An engineer must configure two branch WAN Edge devices where an Internet connection is available and the controllers are in the headquarters. The requirement is to have IPsec VPN tunnels established between the same colors. Which configuration meets the requirement on both WAN Edge devices?

WAN Edge 1

```
vpn 0
interface ge0/0
ip address 10.0.0.1/24
ipv6 dhcp-client
tunnel-interface
  color biz-internet restrict
encapsulation ipsec
```

WAN Edge 2

```
vpn 0
interface ge0/0
ip address 10.0.0.2/24
ipv6 dhcp-client
tunnel-interface
  color default
encapsulation ipsec
```

● WAN Edge 1

```
vpn 0
interface ge0/0
ip address 10.0.0.1/24
ipv6 dhcp-client
tunnel-interface
color default
encapsulation ipsec
```

WAN Edge 2

```
vpn 0
interface ge0/0
ip address 10.0.0.2/24
ipv6 dhcp-client
tunnel-interface
color default
encapsulation ipsec
```

● WAN Edge 1

```
vpn 0
interface ge0/0
ip address 10.0.0.1/24
ipv6 dhcp-client
tunnel-interface
color public-internet restrict
encapsulation ipsec
```

WAN Edge 2

```
vpn 0
interface ge0/0
ip address 10.0.0.2/24
ipv6 dhcp-client
tunnel-interface
color gold restrict
encapsulation ipsec
```

● WAN Edge 1

```
vpn 0
interface ge0/0
ip address 10.0.0.1/24
ipv6 dhcp-client
tunnel-interface
color gold restrict
encapsulation ipsec
```

WAN Edge 2

```
vpn 0
interface ge0/0
ip address 10.0.0.2/24
ipv6 dhcp-client
tunnel-interface
color gold restrict
encapsulation ipsec
```

A. Option B

- B. Option A
- C. Option C
- D. Option D

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

NEW QUESTION: 78

Which attributes are configured to uniquely identify and represent a TLOC route?

- A. system IP address, link color, and encapsulation
- B. firewall, IPS, and application optimization
- C. site ID, tag, and VPN
- D. origin, originator, and preference

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

<https://www.cisco.com/c/dam/en/us/td/docs/solutions/CVD/SDWAN/CVD-SD-WAN-Design-2018OCT.pdf>

NEW QUESTION: 79

A company deploys a Cisco SD-WAN solution but has an unstable Internet connection.

When the link to vSmart comes back up, the WAN Edge router routing table is not refreshed, and some traffic to the destination network is dropped.

The headquarters is the hub site, and it continuously adds new sites to the SD-WAN network.

An engineer must configure route refresh between WAN Edge and vSmart within 2 minutes.

Which configuration meets this requirement?



- A. Option B
- B. Option D
- C. Option C

D. Option A

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 80

An engineer is troubleshooting a vEdge router and identifies a "DCONFAIL - DTLS connection failure" message. What is the problem?

- A. certificate mismatch
- B. organization mismatch
- C. memory issue
- D. connectivity issue

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

<https://community.cisco.com/t5/networking-documents/sd-wan-routers-troubleshoot-control-connections/ta-p/3813237#toc-hId-340740870>

NEW QUESTION: 81

Which configuration allows users to reach YouTube from a local Internet breakout?

- A. 

VPN 10

- B. ip route 0.0.0.0/0 vpn 0

```
policy
data-policy DPI
vpn-list vpn10
sequence 10
match
app-list YouTube
destination-port 80 443
!
action accept
count Youtube
!
default-action accept
!
lists
vpn-list vpn10
vpn 10
!
app-list YouTube
app.youtube
app.youtube_hd
!
site-list Remote
site-id 14
site-id 15
!
!
!
apply-policy
site-list Remote
data-policy DPI from-transport

vpn 10
ip route 0.0.0.0/0 vpn 0
```

C.

```

policy
data-policy DPI
vpn-list vpn10
sequence 10
match
app-list YouTube

action drop
count Youtube

default-action accept

lists
vpn-list vpn10
vpn 10
app-list YouTube
app youtube
app youtube_hd

site-list Remote
site-id 14
site-id 15

apply-policy
site-list Remote
data-policy DPI from-transport

```



```

vpn 10
D. ip route 0.0.0.0/0 vpn 0

```

Answer: A (LEAVE A REPLY)

As explained in figure 7, within the direct Internet model, segmentation is leveraged by deploying centralized data policies or a NAT DIA route to leak Internet traffic from the service-side VPN (VPNs 0 - 511,513 - 65530) into the Internet transport VPN (VPN 0), which allows traffic to exit directly to the Internet through the NAT- enabled interface in VPN 0.

<https://www.cisco.com/c/dam/en/us/td/docs/solutions/CVD/SDWAN/sdwan-dia-deploy-2020aug.pdf>

To configure DIA, we must:

- + Configure a NAT DIA route (via the command "ip route 0.0.0.0/0 vpn 0") under a service VPN (VPN 10, for example)
- + Configure a NAT interface under VPN 0 for DIA.

NEW QUESTION: 82

Which two architectural components are part of an SD-WAN high availability vManage cluster?

(Choose two.)

- A. network configuration system
- B. WAN Edge router
- C. NAT router

- D. messaging server
- E. application server

Answer: A,E (LEAVE A REPLY)

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/optimization-ha/vedge/network-optimization-high-availability-book/high-availability.html>

NEW QUESTION: 83

Which scheduling method is configured by default for the eight queues in the cloud vEdge router1?

- A. low latency queue
- B. priority queue
- C. weighted random early detection
- D. weighted round robin

Answer: D (LEAVE A REPLY)

Reference:

https://sdwan-docs.cisco.com/Product_Documentation/Software_Features/Release_18.1/06Policy_Basics/05Localized_Data_Policy/Configuring_Localized_Data_Policy_for_IPv4

NEW QUESTION: 84

Refer to the exhibit.

```
#Branch1-Edge1          #Branch1-Edge2
vpn 0
!
interface ge0/1
 ip address
172.17.113.241/28
 tunnel-interface
 encapsulation ipsec
 color mpls restrict
 !
 no shutdown
 !
interface ge0/2.704
 ip address 10.113.4.2/30
 tloc-extension ge0/2

#Branch1-Edge2
vpn 0
...
interface ge0/2
 no shutdown
 !
interface ge0/2.704
 ip address 10.113.4.1/30
 tunnel-interface
 encapsulation ipsec
 color mpls restrict
 mtu 1496
 no shutdown
 !
 ip route 0.0.0.0/0 10.113.4.2
```

Which configuration change is needed to configure the tloc-extension on Branch1-Edge1?

A)

```
interface ge0/2.704
 ip address 10.113.4.1/30
 tunnel-interface
 encapsulation ipsec
 color mpls restrict
 no shutdown
```

B)

```
interface ge0/2.704
ip address 10.113.4.2/30
mtu 1496
tloc-extension ge0/1
```

C)

```
interface ge0/2.704
ip address 10.113.4.1/30
tunnel-interface
encapsulation ipsec
color mpls restrict
mtu 1496
tloc-extension ge0/2
no shutdown
```

D)

```
interface ge0/2.704
ip address 10.113.4.2/30
mtu 1496
```

A. Option D

B. Option B

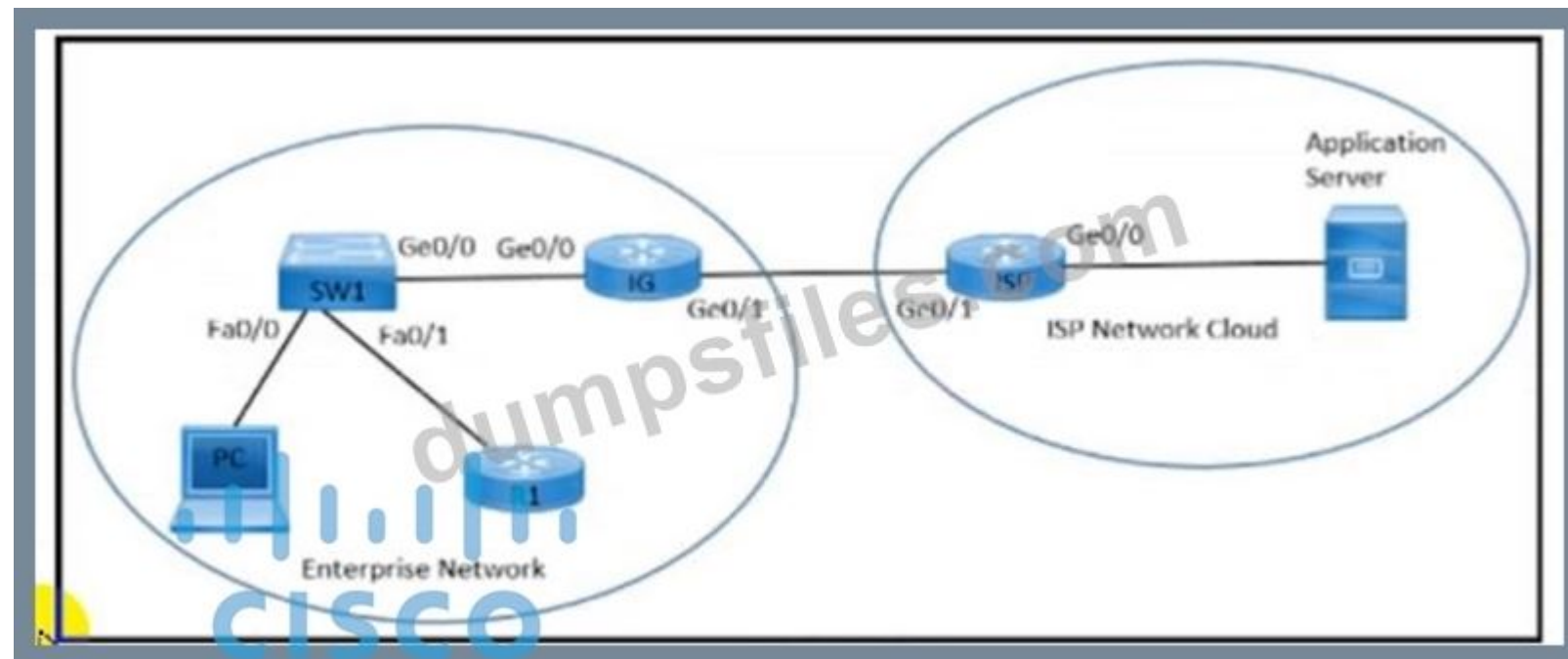
C. Option C

D. Option A

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

NEW QUESTION: 85

Refer to the exhibit



Refer to the exhibit. An enterprise network is connected with an ISP network on an 80 Mbps bandwidth link. The network operation team observes 100 Mbps traffic on the 1Gig-ISP link during peak hours. Which configuration provides bandwidth control to avoid traffic congestion during peak hours?

A)

```

policy-map CUS_PMAP
class CUS_CMAP
  police 80000000 300000
!
interface gigabitethernet 0/0
description *** TO SW ***
ip address 10.0.10.5 255.255.255.0
service-policy input CUS_PMAPd

```

B)

```

policy-map SHAPE_MAP
class class-default
  shape average 80000000
!
interface gigabitethernet 0/1
description *** TO ISP ***
ip address 10.0.20.5 255.255.255.0
service-policy output SHAPE_MAP

```

C)

```

policy-map CUS_PMAP
class CUS_CMAP
  police 80000000 300000
!
interface gigabitethernet 0/0
description *** TO ISP ***
ip address 10.0.20.1 255.255.255.0
service-policy input CUS_PMAP

```

D)

```

policy-map SHAPE_MAP
class class-default
  shape average 8000000
!
interface gigabitethernet 0/1
description *** TO IG rack B455:A882:G718 ***

```

A. Option B

B. Option A

C. Option C

D. Option D

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

NEW QUESTION: 86

```

vpn 1
service netsvc1 interface ipsec1

from-vsmart data-policy _1_ServiceIsectionIPSec
direction from-service
vpn-list 1
sequence 1
match
destination-ip 1.1.1.1/32
action accept
set
service netsvc1
default-action accept
from-vsmart lists vpn-list 1
vpn 1

```

Refer to the exhibit Which command allows traffic through the IPsec tunnel configured in VPN 0?

- A. service local
- B. service FW address 1.1.1.1
- C. service netsvc1 vpn 1
- D. service netsvc1 address 1.1.1.1

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

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/policies/vedge-20-x/policies-book/service-chaining.html>

NEW QUESTION: 87

Which command displays BFD session summary information per TLOC on vEdge routers?

- A. show bfd tloc-summary-list
- B. show bfd history
- C. show bfd summary
- D. show bfd sessions

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

Section: Router Deployment

Explanation/Reference: https://www.cisco.com/c/en/us/td/docs/routers/sdwan/command/sdwan-cr-book/sdwan-cr-book_chapter_0100.html#wp5111537210

NEW QUESTION: 88

An engineer creates a data policy to prevent communication from the 172.20.21.0/24 network to the 172.20.41.0/24 network. Which configuration accomplishes this task?

```
○ policy
  lists
    vpn-list VPN1
    vpn 1
    !
    data-prefix-list LosAngeles-Net1
    ip-prefix 172.20.21.0/24
    data-prefix-list Rome-Net1
    ip-prefix 172.20.41.0/24
    !
    data-policy FILTER-POLICY
    vpn-list VPN1
    sequence 1
    match
      source-data-prefix-list LosAngeles-Net1
      action drop
    !
    sequence 11
    match
      source-data-prefix-list Rome-Net1
      action drop
    !
    default-action accept
```

○ policy
 lists
 vpn-list VPN1
 vpn 1
 !
 data-prefix-list LosAngeles-Net1
 ip-prefix 172.20.21.0/24
 data-prefix-list Rome-Net1
 ip-prefix 172.20.41.0/24
 !
 data-policy FILTER-POLICY
 vpn-list VPN1
 sequence 1
 match
 source-data-prefix-list LosAngeles-Net1
 destination-data-prefix-list Rome-Net1
 action drop
 !
 default-action accept

○ policy
 lists
 vpn-list VPN1
 vpn 1
 !
 data-prefix-list LosAngeles-Net1
 ip-prefix 172.20.0.0/16
 data-prefix-list Rome-Net1
 ip-prefix 172.20.0.0/16
 !
 data-policy FILTER-POLICY
 vpn-list VPN1
 sequence 1
 match
 source-data-prefix-list LosAngeles-Net1
 destination-data-prefix-list Rome-Net1
 action drop
 !
 default-action accept

○ policy

lists

vpn-list VPN1

vpn 1

data-prefix-list LosAngeles-Net1

ip-prefix 172.20.21.0/24

data-prefix-list Rome-Net1

ip-prefix 172.20.41.0/24

!

data-policy FILTER-POLICY

vpn-list VPN1

sequence 1

match

source-data-prefix-list LosAngeles-Net1

destination-data-prefix-list Rome-Net1

action accept

!

default-action drop

A. Option D

B. Option B

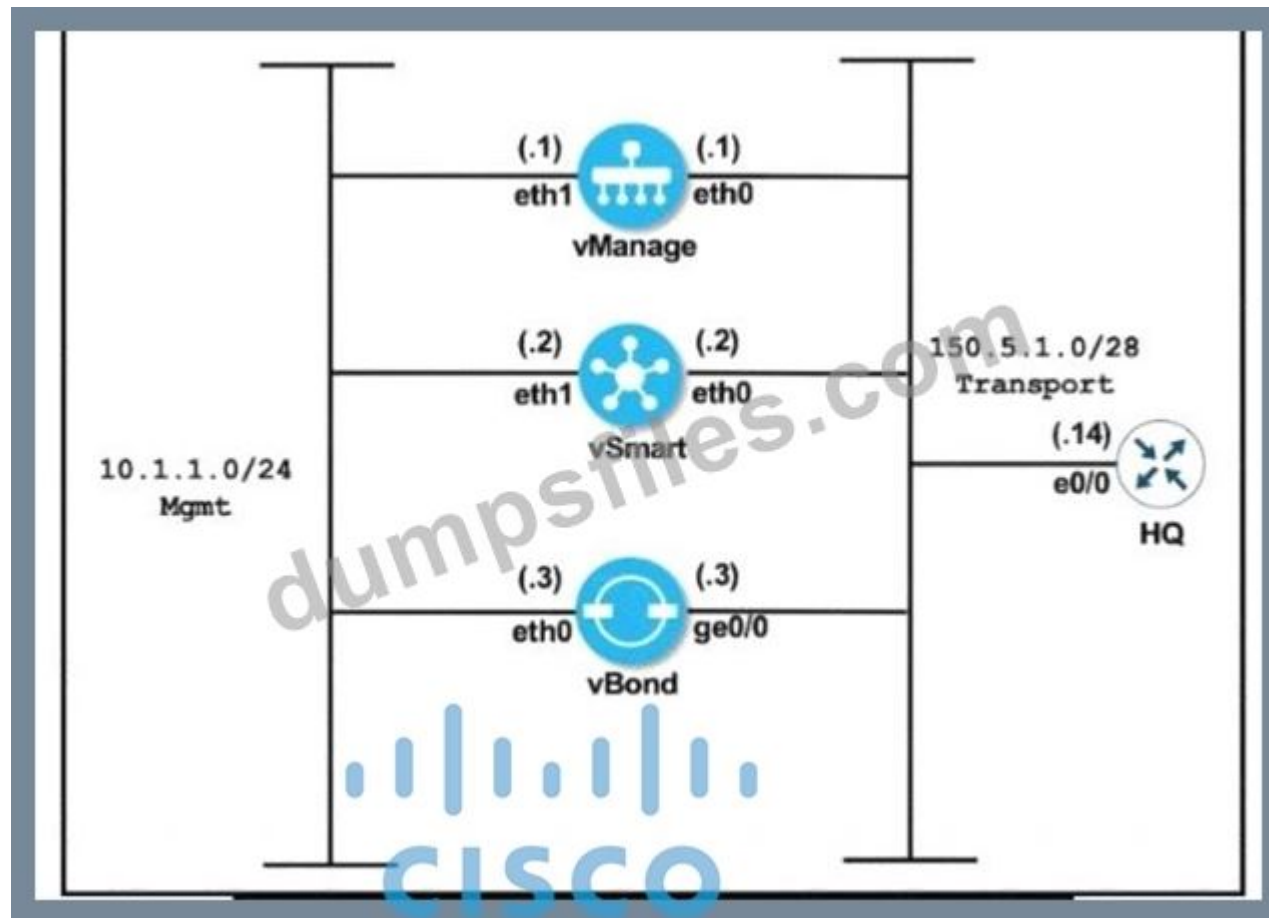
C. Option C

D. Option A

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

NEW QUESTION: 89

Refer to the exhibit.



```
system
system-ip 10.10.10.101
host-name vManage
site-id 1
clock timezone Europe/London
vbond 150.5.1.3
organization-name Cisco.com
!
vpn 0
interface eth0
ip address 150.5.1.1/28
no shut
tunnel-interface
allow-service all
ip route 0.0.0.0/0 150.5.1.14
!
commit

vBond
system
system-ip 10.10.10.102
host-name vSmart
site-id 1
clock timezone Europe/London
vbond 150.5.1.3
organization-name Cisco.com
!
vpn 0
interface eth0
ip address 150.5.1.2/28
no shut
tunnel-interface
allow-service all
ip route 0.0.0.0/0 150.5.1.14
!
commit

vBond
system
system-ip 10.10.10.103
host-name vBond
site-id 1
clock timezone Europe/London
vbond 150.5.1.3
organization-name Cisco.com
!
vpn 0
interface ge0/0
ip address 150.5.1.3/28
no shut
tunnel-interface
encapsulation ipsec
allow-service all
ip route 0.0.0.0/0 150.5.1.14
!
commit
```

An engineer is troubleshooting an issue where vManage and vSmart have a problem establishing a connection to vBond. Which action fixes the issue?

- A. Reconfigure the vBond command on the vBond as vBond 150.5.1.3 local
- B. Configure the tunnel interface on all three controllers with a color of transport

- C. Remove the encapsulation IPsec command under the tunnel interface of vBond.
- D. Configure encapsulation as IPsec under the tunnel interface of vManage and vSmart

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

Configure the IP address of Cisco vBond Orchestrator. Cisco vBond Orchestrator's IP address must be a public IP address, to allow all Cisco vEdge devices in the overlay network to reach Cisco vBond Orchestrator:

```
vBond(config-system) #vbond ip-address local
```

In Releases 16.3 and later, the address can be an IPv4 or an IPv6 address. In earlier releases, it must be an IPv4 address. A vBond orchestrator is effectively a vEdge router that performs only the orchestrator functions. The **local** option designates the device to be Cisco vBond Orchestrator, not a vEdge router. Cisco vBond Orchestrator must run on a standalone virtual machine (VM) or hardware router; it cannot coexist in the same device as a software or hardware vEdge router.

NEW QUESTION: 90

Drag and drop the devices from the left onto the correct functions on the right.

vSmart	establishes a secured data plane
vManage	first point of authentication
vEdge	single pane of glass
vBond	enforces control policies

Answer:

vSmart	vEdge
vManage	vBond
vEdge	vManage
vBond	vSmart

vEdge
vBond
vManage
vSmart

NEW QUESTION: 91

A network administrator is creating an OMP feature template from the vManage GUI to be applied to WAN edge routers. Which configuration attribute will avoid the redistribution of the routes back into the OMP from the LAN side?

- A. configure "Number of Paths Advertised per Prefix"
- B. configure "Overlay AS Number"
- C. configure "Send Backup Paths"
- D. configure "ECMP limit"

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

If you configure the same **overlay AS number** on multiple vEdge routers in the overlay network, all these routers are considered to be part of the same AS, and as a result, they do not forward any routes that contain the overlay AS number. This mechanism is an additional technique for **preventing BGP routing loops** in the network.

Valid 300-415 Dumps shared by TrainingDump.com for Helping Passing 300-415 Exam! TrainingDump.com now offer the **newest 300-415 exam dumps**, the TrainingDump.com 300-415 exam **questions have been updated** and **answers have been corrected** get the **newest** TrainingDump.com 300-415 dumps with Test Engine here: <https://www.trainingdump.com/Cisco/300-415-practice-exam-dumps.html> (551 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

NEW QUESTION: 92

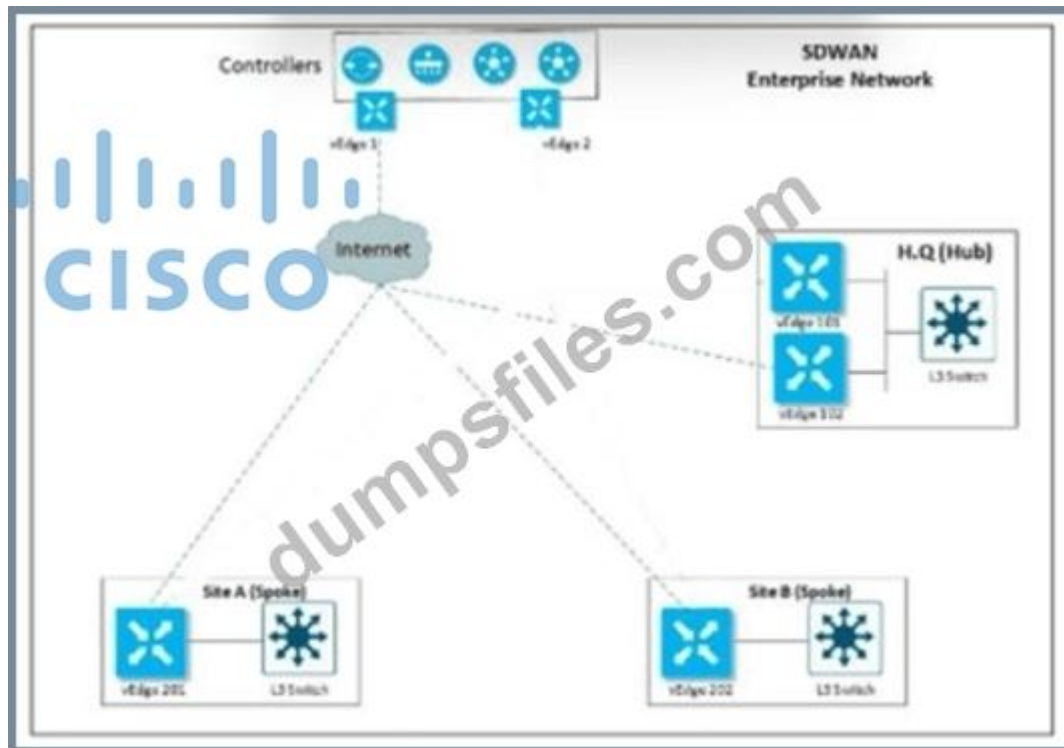
An engineer is troubleshooting a vEdge router and identifies a "DCONFAIL - DTLS connection failure" message. What is the problem?

- A. certificate mismatch
- B. organization mismatch
- C. memory issue
- D. connectivity issue

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

<https://community.cisco.com/t5/networking-documents/sd-wan-routers-troubleshoot-control-connections/ta-p/38>

NEW QUESTION: 93



Refer to the exhibit An engineer must configure a QoS policy between the hub and site A (spoke) over a standard internet circuit where traffic shaping is adjusted automatically based on available bandwidth Which configuration meets the requirement?

```

sdwan
interface GigabitEthernet1
  qos-adaptive
  period 90
  downstream 8000
  downstream range 6000 10000
  upstream 8000
  upstream range 4000 16000
  exit
tunnel-interface
  encapsulation ipsec weight 1
  color public-Internet
  no last-resort-circuit
  vmanage-connection-preference 5
  allow-service all

```

Site A (Spoke)

```

sdwan
interface GigabitEthernet1
  qos-adaptive
  period 40
  downstream 10000
  downstream range 8000 12000
  upstream 9000
  upstream range 5000 16000
  exit
tunnel-interface
  encapsulation ipsec weight 1
  color mpls
  no last-resort-circuit
  vmanage-connection-preference 5
  allow-service all

```

```

○ Hub
sdwan
interface GigabitEthernet1
qos-adaptive
period 90
downstream 8000
downstream range 6000 10000
upstream 8000
upstream range 4000 16000
exit
tunnel-interface
encapsulation ipsec weight 1
color public-internet
no last-resort-circuit
vmanage-connection-preference 5
allow-service all

Site A (Spoke)
sdwan
interface GigabitEthernet1
qos-adaptive
period 90
downstream 8000
downstream range 6000 10000
upstream 8000
upstream range 4000 16000
exit
tunnel-interface
encapsulation ipsec weight 1
color public-internet
no last-resort-circuit
vmanage-connection-preference 5
allow-service all

```

- A. Option B
- B. Option D
- C. Option A
- D. Option C

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

NEW QUESTION: 94

Which protocol is used for the vManage to connect to the vSmart Controller hosted in Cloud?

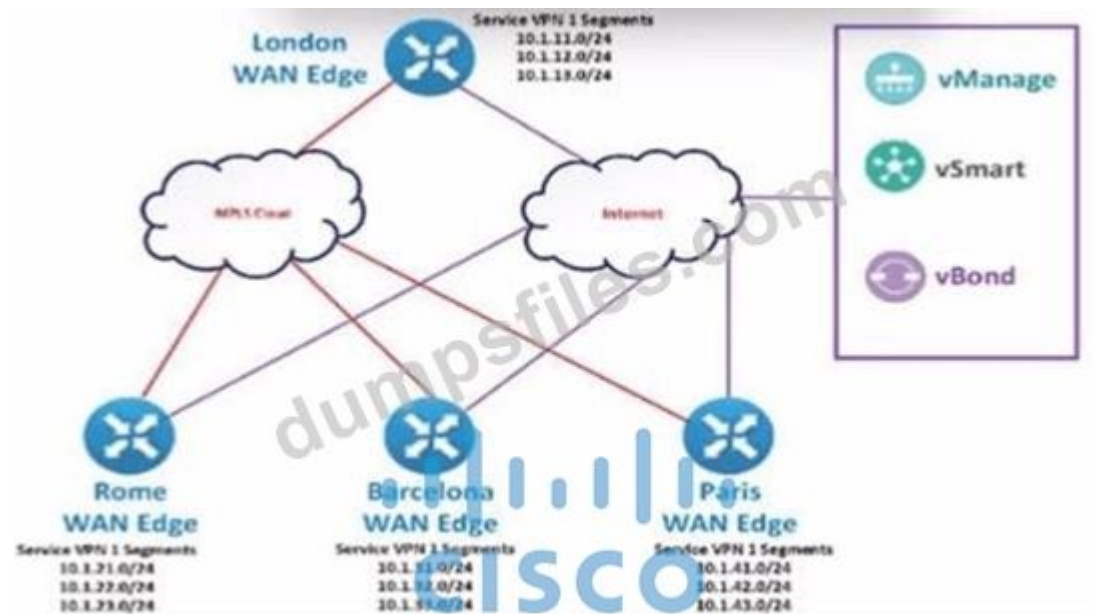
- A. PnP Server
- B. ZTP
- C. NETCONF
- D. HTTP

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

Netconf and CLI—Netconf is a standards-based protocol used by Cisco vManage to provision a Cisco vSmart Controller.

NEW QUESTION: 95

Exhibit.



The SD-WAN network is configured with a default full-mesh topology. The network engineer wants the Rome WAN Edge to use the MPLS TLOC as the preferred TLOC when Telnet traffic as long as the MPLS link has these characteristics:

Loss: 5%

Latency: 100ms

Jitter: 100 ms

Which configuration must the network engineer use to create a list that classifies the MPLS link characteristics?

Application
Color
Community
Data Prefix
Policer
Prefix
Site
App Probe Class
SLA Class
TLOC
VPN

A.

Application 

Color

Community

Data Prefix

Policer

Prefix

Site

App Probe Class

SLA Class

TLOC

VPN

B.

Application

Color

Community

Data Prefix

Policer

Prefix

Site

App Probe Class

SLA Class

TLOC 

VPN

C.

Application

Color

Community

Data Prefix

Policer

Prefix

Site

App Probe Class

SLA Class

TLOC

VPN

D.

Answer: C (LEAVE A REPLY)

Configuration Analysis: The configurations provided in the images must be evaluated to determine which option correctly classifies the MPLS link based on the given criteria of loss, latency, and jitter.

Preferred TLOC Configuration: The network engineer needs to configure the SD-WAN policy to prefer the MPLS transport for Telnet traffic, ensuring the link characteristics match the specified thresholds.

References:

- * Cisco SD-WAN Policy Configuration Guide
- * Cisco SD-WAN Transport and TLOC Configuration Guide

NEW QUESTION: 96

Drag and drop the Cisco SD-WAN components from the left onto their functions on the right.

vBond Orchestrator

vManage

vSmart Controller

WAN Edge Router

IPsec key reflection and rekeying

first point of authentication

passes data plane traffic

used to build configuration and policies

Answer:



NEW QUESTION: 97

Which plane assists in the automatic onboarding of the SD-WAN routers into the SD-WAN overlay?

- A. Data
- B. Orchestration
- C. Management
- D. Control

Answer: (SHOW ANSWER)

The Cisco SD-WAN solution is comprised of separate orchestration, management, control, and data planes.

- The orchestration plane assists in the automatic onboarding of the SD-WAN routers into the SD-WAN overlay.

NEW QUESTION: 98

An enterprise needs DIA on some of its branches with a common location ID: A041:B70C: D78E::18 Which WAN Edge configuration meets the requirement?

A.

```
vpn 0
ip route 0.0.0.0/0 vpn 0
vpn 1
interface ge0/1
ip address 172.16.0.1/24
nat
```

- ```

vpn 0
interface ge0/0
ip address 172.16.0.1/24
nat
vpn 1
ip route 0.0.0.0/0 vpn 0

```
- B.
- ```

vpn 1
interface ge0/1
ip address 172.16.0.1/24
vpn 512
ip route 0.0.0.0/0 vpn 0

```
- C.
- ```

vpn 1
ip route 0.0.0.0/0 vpn 1
interface ge0/0
ip address 172.16.0.1/24
nat

```
- D.

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

NEW QUESTION: 99

Customer has two branch silos with overlapping IPs How must the data policy be configured to establish communication between the sites and server to avoid overlapping?

- ```

policy data-policy Srvc_Plane_NAT
vpn-list VPN2
sequence 10
match source-ip 10.0.0.1/32
!
action accept
nat pool 1
!
default-action accept
vpn 2
interface ge0/0/0
ip address 192.168.1.1/32
no shutdown

```
- A.
- ```

policy data-policy Srvc_Plane_NAT
vpn-list VPN2
sequence 10
match source-ip 10.0.0.1/32
!
action accept
nat pool 1
!
default-action accept
vpn 2
interface natpool1
ip address 192.168.1.1/32
no shutdown

```
- B.
- ```

policy data-policy Srvc_Plane_NAT
vpn-list VPN1
sequence 10
match source-ip 10.0.0.1/32
!
action accept
nat pool 1
!
default-action accept
!

```
- C.
- ```

policy data-policy Srvc_Plane_NAT
vpn-list VPN1
sequence 10
match source-ip 10.0.0.1/32
!
action accept
nat use-vpn 0
!
default-action accept
!

```
- D.

Answer: ([SHOW ANSWER](#))

When dealing with overlapping IP addresses in different branch sites, it's crucial to use NAT (Network Address Translation) to avoid IP conflicts and establish proper communication.

\* NAT Configuration:

\* Source NAT: This involves translating the source IP addresses of the packets as they leave a specific interface. This can help avoid IP conflicts by ensuring that the IP addresses used within the network are unique.

\* Data Policy: A data policy must be created that matches the source IP addresses and applies the NAT pool to translate these addresses.

\* Option A Analysis:

\* Policy Definition: The data policy Srvc\_Plane\_NAT includes a sequence that matches the source IP 10.0.0.1/32 and accepts the action to apply NAT using nat pool 1.

\* Interface Configuration: The interface ge0/0/0 is configured with the IP address 192.168.1.1/32 and is not shut down, ensuring it is active and can handle the NAT translation.

#### NEW QUESTION: 100

Which command on a WAN Edge device displays the information about the colors present in the fabric that are learned from vSmart via OMP?

A. show omp peers

B. show omp route

C. show omp sessions

D. show omp tlocs

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

Section: Router Deployment

Explanation/Reference: [https://www.cisco.com/c/en/us/td/docs/routers/sdwan/command/sdwan-cr-book/sdwan-cr-book\\_chapter\\_0100.html#wp1675287742](https://www.cisco.com/c/en/us/td/docs/routers/sdwan/command/sdwan-cr-book/sdwan-cr-book_chapter_0100.html#wp1675287742)

#### NEW QUESTION: 101

Which alarm setting is configured to monitor serious events that affect but do not shut down, the operation of a network function?

A. Minor

B. Major

C. Medium

D. Critical

Answer: ([SHOW ANSWER](#))

Reference:

[https://sdwan-docs.cisco.com/Product\\_Documentation/vManage\\_How-Tos/Troubleshooting/Monitor\\_Alarms](https://sdwan-docs.cisco.com/Product_Documentation/vManage_How-Tos/Troubleshooting/Monitor_Alarms)

#### NEW QUESTION: 102

Two sites have one WAN Edge each. Each WAN Edge has two public TLOCs with no restrict configured. There is full reachability between the TLOCs.

How many data tunnels are formed on each Edge router?

A. 4

B. 8

C. 2

D. 6

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 103

What is vBond reachability resolved by vManage?

A. OMP

- B. DNS
- C. BGP
- D. IPsec

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

The vBond Orchestrator in Cisco SD-WAN is responsible for authenticating and orchestrating connectivity between the SD-WAN edge devices (vEdge routers) and the vManage and vSmart controllers. The reachability of vBond is crucial for the initial device onboarding and ongoing operations.

\* DNS (Domain Name System): vManage resolves the vBond reachability using DNS. By using a Fully Qualified Domain Name (FQDN) for the vBond orchestrator, the system can dynamically resolve the vBond's IP address, which allows for flexibility in managing the vBond's location and redundancy.

\* Functionality: When a new edge device comes online, it contacts the vBond orchestrator using its FQDN. DNS resolution translates this FQDN into an IP address, allowing the device to establish a secure connection.

#### NEW QUESTION: 104

An engineer is adding a tenant with location ID 399533345 in vManage. What is the maximum number of alphanumeric characters that is accepted in the tenant name filed?

- A. 64
- B. 128
- C. 256
- D. 8

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

In the Add Tenant window:

- a. Enter a name for the tenant. It can be up to 128 characters and can contain only alphanumeric characters.

#### NEW QUESTION: 105

Which policy configures an application-aware routing policy under Configuration > Policies?

- A. Localized policy
- B. Control policy
- C. Data policy
- D. Centralized policy

**Answer: (SHOW ANSWER)**

#### NEW QUESTION: 106

An engineer is configuring a data policy for IPv4 prefixes for a single WAN Edge device on a site with multiple WAN Edge devices How is this policy added using the policy configuration wizard?

- A. In vManage NMS, select the configure ► policies screen, select the localized policy tab and click add policy
- B. In vSmart controller, select the configure ► policies screen, select the localized policy tab. and click add policy
- C. In vBond orchestrator. select the configure ► policies screen, select the localized policy tab. and click add policy
- D. In vManage NMS. select the configure ► policies screen select the centralized policy tab and click add policy

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

**Valid 300-415 Dumps** shared by TrainingDump.com for Helping Passing 300-415 Exam! TrainingDump.com now offer the **newest 300-415 exam dumps**, the TrainingDump.com 300-415 exam questions have been updated and answers have been corrected get the **newest** TrainingDump.com 300-415 dumps with Test Engine here: <https://www.trainingdump.com/Cisco/300-415-practice-exam-dumps.html> (551 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

#### NEW QUESTION: 107

Which plane assists in the automatic onboarding of the SD-WAN routers into the SD-WAN overlay?

- A. Data
- B. Orchestration
- C. Management
- D. Control

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

The Cisco SD-WAN solution is comprised of separate orchestration, management, control, and data planes.

- The **orchestration plane** assists in the **automatic onboarding** of the **SD-WAN routers** into the **SD-WAN overlay**.

#### NEW QUESTION: 108

An engineer is troubleshooting a certificate issue on vEdge. Which command is used to verify the validity of the certificates?

- A. show control local-properties
- B. show control summary
- C. show certificate installed
- D. show certificate status

**Answer: (SHOW ANSWER)**

<https://www.cisco.com/c/en/us/support/docs/routers/sd-wan/214509-troubleshoot-control-connections.html>

#### NEW QUESTION: 109

Which TCP Optimization feature is used by WAN Edge to prevent unnecessary retransmissions and large initial TCP window sizes to maximize throughput and achieve a better quality?

- A. SEQ
- B. SYN
- C. RTT
- D. SACK

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

#### TCP Optimization

The Cisco SD-WAN TCP Optimization feature uses **TCP Selective Acknowledgement (SACK)** to prevent unnecessary retransmissions and large initial TCP window sizes in order to maximize throughput and achieve a better quality of experience.

#### NEW QUESTION: 110

What is the OMP graceful restart default value on vSmart controllers and WAN Edge routers?

- A. 21,600 seconds

- B. 43,200 seconds
- C. 86,400 seconds
- D. 604,800 seconds

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

Graceful Restart Timer: default is 12hours (43200 sec)

Specify how often the OMP information cache is flushed and refreshed. A timer value of 0 disables OMP graceful restart.

Range: 0 through 604800 seconds (168 hours, or 7 days) Default: 43200 seconds (12 hours)

[https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/routing/vEdge-20-x/routing-book/m-unicast-routing.html#concept\\_rjl\\_sc2\\_b3b](https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/routing/vEdge-20-x/routing-book/m-unicast-routing.html#concept_rjl_sc2_b3b)

#### NEW QUESTION: 111

A network administrator is creating an OMP feature template from the vManage GUI to be applied to WAN edge routers. Which configuration attribute will avoid the redistribution of the routes back into the OMP from the LAN side?

- A. configure "Number of Paths Advertised per Prefix"
- B. configure "Overlay AS Number"
- C. configure "Send Backup Paths"
- D. configure "ECMP limit"

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

If you configure the same overlay AS number on multiple vEdge routers in the overlay network, all these routers are considered to be part of the same AS, and as a result, they do not forward any routes that contain the overlay AS number. This mechanism is an additional technique for preventing BGP routing loops in the network.

#### NEW QUESTION: 112

Which command displays BFD session summary information per TLOC on vEdge routers?

- A. show bfd history
- B. showbfd summary
- C. show bfd sessions
- D. show bfd tloc-summary-list

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

Explanation

[https://www.cisco.com/c/en/us/td/docs/routers/sdwan/command/sdwan-cr-book/sdwan-cr-book\\_chapter\\_0100.ht](https://www.cisco.com/c/en/us/td/docs/routers/sdwan/command/sdwan-cr-book/sdwan-cr-book_chapter_0100.ht)

#### NEW QUESTION: 113

In an AWS cloud, which feature provision WAN Edge routers automatically in Cisco SD-WAN?

- A. Cloud app
- B. Cloud OnRamp
- C. vAnalytics
- D. Network Designer

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

Cisco SD-WAN Cloud OnRamp for IaaS, "Cloud OnRamp" for short, is a Cisco SD-WAN feature that automates provisioning of a Cisco SD-WAN virtual appliance routers (either vEdge Cloud or CSR (Cloud Services Router)) in the AWS cloud, after providing

### NEW QUESTION: 114

Drag and drop the actions from the left into the correct sequence on the right to create a data policy to direct traffic to the Internet exit.

|                                  |        |
|----------------------------------|--------|
| Apply data policy.               | step 1 |
| Enable NAT functionality.        | step 2 |
| Create centralized data policy.  | step 3 |
| Identify VPN and match criteria. | step 4 |

**Answer:**

|                                  |                                  |
|----------------------------------|----------------------------------|
| Apply data policy.               | Create centralized data policy.  |
| Enable NAT functionality.        | Identify VPN and match criteria. |
| Create centralized data policy.  | Enable NAT functionality.        |
| Identify VPN and match criteria. | Apply data policy.               |

**Explanation**

|                                  |
|----------------------------------|
| Create centralized data policy.  |
| Identify VPN and match criteria. |
| Enable NAT functionality.        |
| Apply data policy.               |

[https://sdwan-docs.cisco.com/Product\\_Documentation/Software\\_Features/SD-WAN\\_Release\\_16.2/07Policy\\_Ap](https://sdwan-docs.cisco.com/Product_Documentation/Software_Features/SD-WAN_Release_16.2/07Policy_Ap)

### NEW QUESTION: 115

What are the two components of an application-aware firewall? (Choose two.)

- A. default action
- B. sequence
- C. zone pair
- D. lists
- E. firewall policy

**Answer: C,E (LEAVE A REPLY)**

Two components that are valid within the options here are:

- Zone Pair
- Firewall Policy

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/security/vedge-20-x/security-book/ent-firewall-app-aware.pdf>

### NEW QUESTION: 116

Drag and drop the route verification output from show omp tlocs from the left onto the correct explanations on the right.

|                                                                 |                           |
|-----------------------------------------------------------------|---------------------------|
| shows if the route was chosen to enter the routing table or not | system ID                 |
| ENCAPSULATION                                                   | attribute of WAN link     |
| COLOR                                                           | type of tunnel being used |
| TLOC IP                                                         | TLOC route status         |

Answer:

|                                                                 |                                                                 |
|-----------------------------------------------------------------|-----------------------------------------------------------------|
| shows if the route was chosen to enter the routing table or not | TLOC IP                                                         |
| ENCAPSULATION                                                   | COLOR                                                           |
| COLOR                                                           | ENCAPSULATION                                                   |
| TLOC IP                                                         | shows if the route was chosen to enter the routing table or not |

#### NEW QUESTION: 117

Drag and drop the REST API calls from the left onto the functions on the right.

|        |                   |
|--------|-------------------|
| PUT    | Retrieve or read. |
| GET    | Update an object. |
| POST   | Create an object. |
| DELETE | Remove an object. |

Answer:

|        |        |
|--------|--------|
| PUT    | GET    |
| GET    | PUT    |
| POST   | POST   |
| DELETE | DELETE |



- **GET:** Get resource from the server.
- **POST:** Create resource to the server.
- **PATCH or PUT:** Update existing resource on the server.
- **DELETE:** Delete existing resource from the server.

#### NEW QUESTION: 118

Which two services are critical for zero touch provisioning on-boarding? (Choose two)

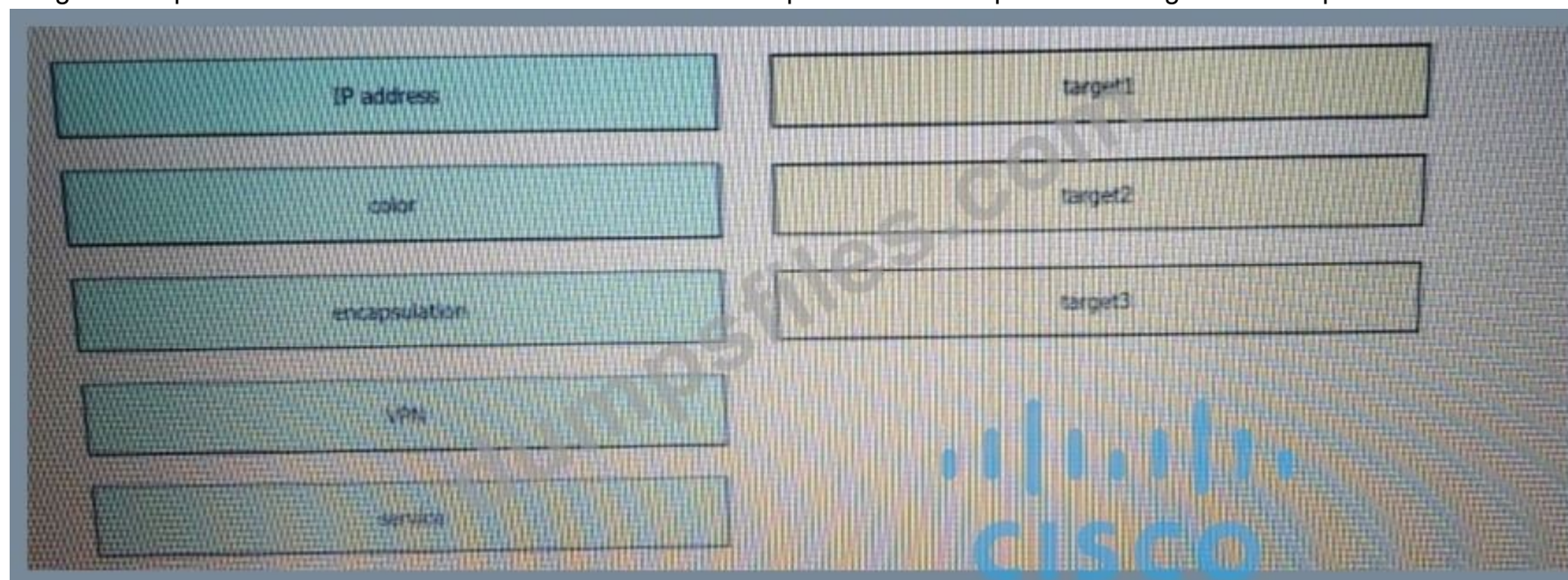
- A. SNMP
- B. DNS
- C. DHCP
- D. AAA
- E. EMAIL

Answer: ([SHOW ANSWER](#))

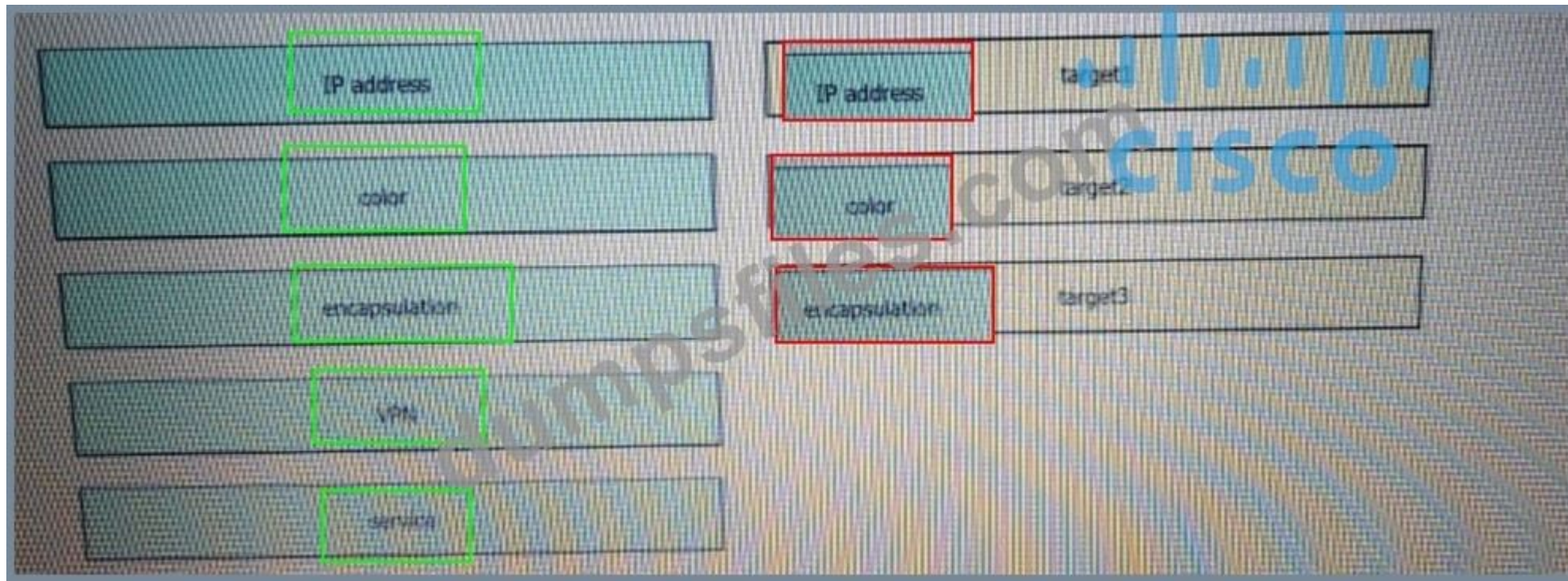
Reference: <https://www.grandmetric.com/2020/03/23/zero-touch-provisioning-ztp-cisco-sd-wan-work/>

#### NEW QUESTION: 119

Drag and drop the attributes from the left that make each transport location unique onto the right. Not all options are used.

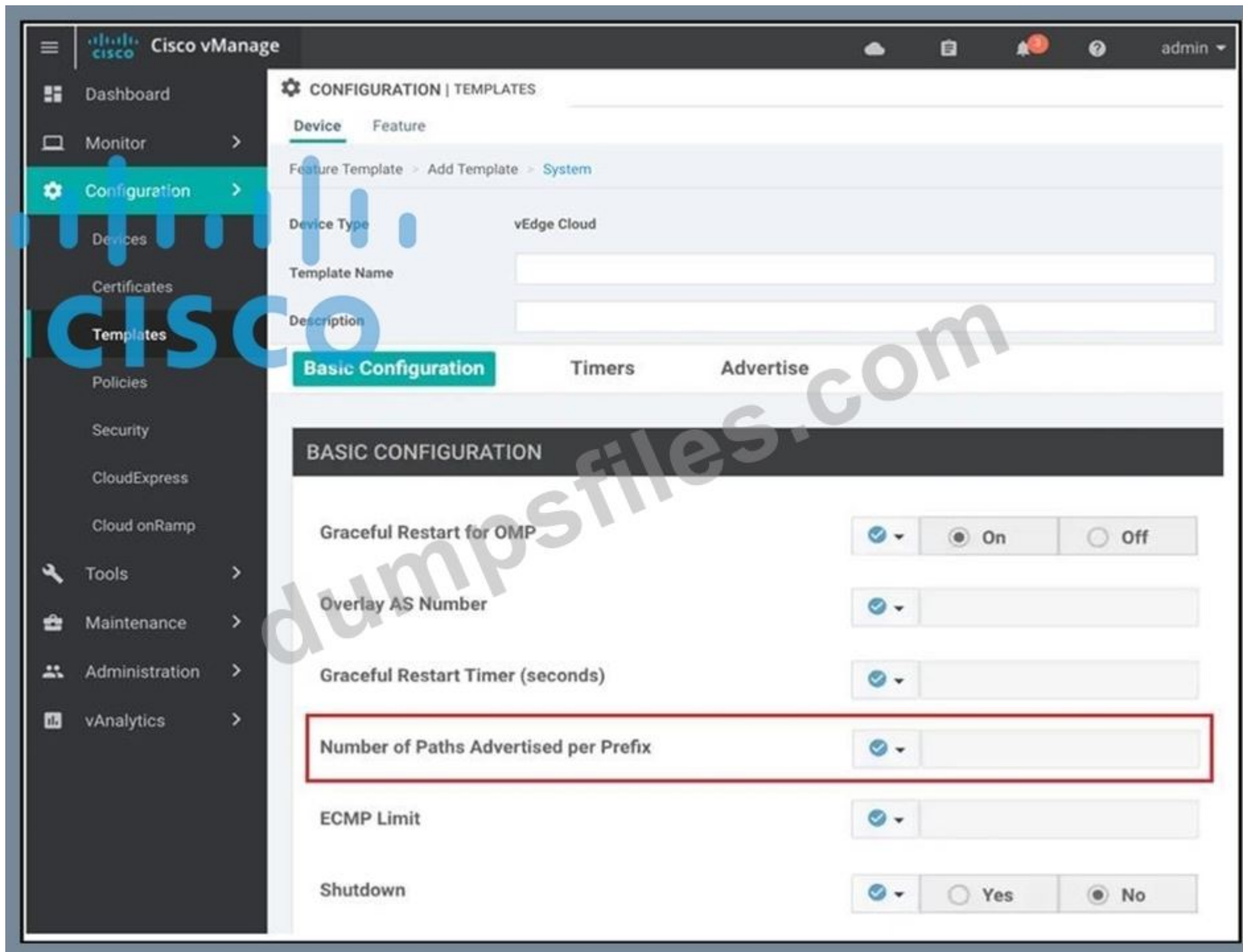


Answer:



**NEW QUESTION: 120**

Refer to the exhibit.



A network administrator is configuring OMP in vManage to advertise all the paths for the same prefix from a site that has two WAN Edge devices. Each WAN Edge device is connected to three ISPs and two private MPLS transports. What is the minimum value for "Number of Paths advertised per Prefix" that should be configured?

- A. 5
- B. 10
- C. 3
- D. 2

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

#### NEW QUESTION: 121

An enterprise is continuously adding new sites to its Cisco SD-WAN network. It must configure any cached routes flushed when OMP peers have lost adjacency. Which configuration allows the cached OMP routes to be flushed after every 24 hours from its routing table?

Basic Configuration Timers Advertise

Graceful Restart for OMP ☒ On ☐ Off

Overlay AS Number

Graceful Restart Timer (seconds)

Number of Paths Advertised per Prefix

ECMP Limit

Shutdown ☐ Yes ☒ No

Basic Configuration Timers Advertise

Graceful Restart for OMP ☒ On ☐ Off

Overlay AS Number

Graceful Restart Timer (seconds)

Number of Paths Advertised per Prefix

ECMP Limit

Shutdown ☐ Yes ☒ No

**Basic Configuration** Timers Advertise

Graceful Restart for OMP ☒ On ☐ Off

Overlay AS Number

Graceful Restart Timer (seconds)

Number of Paths Advertised per Prefix

ECMP Limit

Shutdown ☐ Yes ☒ No

**Basic Configuration** Timers Advertise

Graceful Restart for OMP ☒ On ☐ Off

Overlay AS Number

Graceful Restart Timer (seconds)

Number of Paths Advertised per Prefix

ECMP Limit

Shutdown ☐ Yes ☒ No

A. Option C

B. Option B

C. Option D

D. Option A

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

**Valid 300-415 Dumps** shared by TrainingDump.com for Helping Passing 300-415 Exam! TrainingDump.com now offer the **newest 300-415 exam dumps**, the TrainingDump.com 300-415 exam questions have been updated and answers have been corrected get the **newest** TrainingDump.com 300-415 dumps with Test Engine here: <https://www.trainingdump.com/Cisco/300-415-practice-exam-dumps.html> (551 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)

#### NEW QUESTION: 122

An administrator must deploy the controllers using the On-Prem method while vManage can access the PnP portal from inside How are the two WAN Edge authorized allowed lists to be made available to vManage? (Choose two)



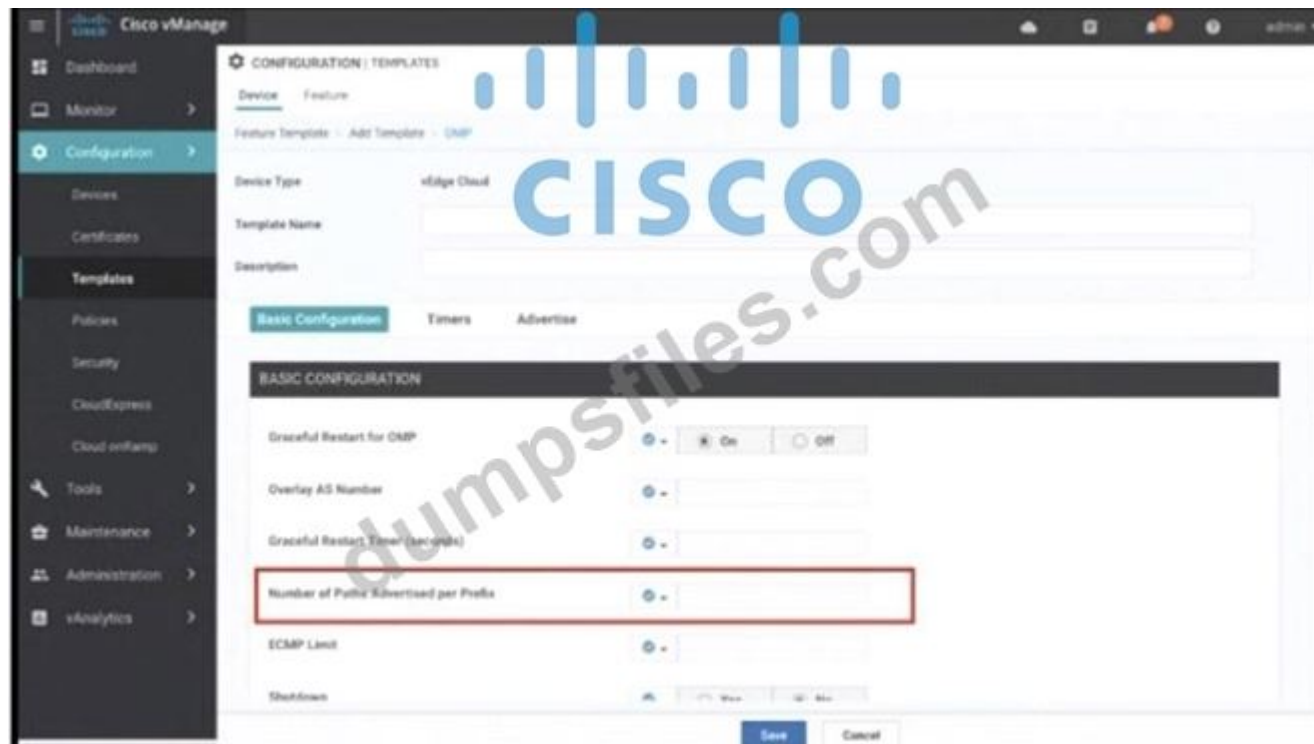
- A. Option A
- B. Option B
- C. Option C
- D. Option D

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

[https://sdwan-docs.cisco.com/Product\\_Documentation/vManage\\_Help/Release\\_18.4/Configuration/Devices](https://sdwan-docs.cisco.com/Product_Documentation/vManage_Help/Release_18.4/Configuration/Devices)

#### NEW QUESTION: 123

Refer to the exhibit.



A network administrator is configuring OMP in vManage to advertise all the paths for the same prefix from a site that has two WAN Edge devices. Each WAN Edge device is connected to three ISPs and two private MPLS transports. What is the minimum value for "Number of Paths advertised per Prefix" that should be configured?

- A. 3
- B. 5
- C. 10
- D. 2

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

#### NEW QUESTION: 124

Which OMP route is selected if it was learned from the same Cisco SD-WAN device at location S4406T9E02F15?

- A. route with the lower origin metric
- B. route with the higher OMP route preference value
- C. route with the higher router ID
- D. route with the lower administrative distance

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

<https://www.cisco.com/c/en/us/support/docs/routers/sd-wan/217479-omp-best-path-selection-peculiarities-an.html>

#### NEW QUESTION: 125

Refer to the exhibit. Which command-line configuration on a WAN Edge device achieves these results?

MONITOR Network > WAN - Tunnel

Select Device vEdge1 | 10.10.10.1 Site ID: 1 Device Model: vEdge Cloud

Chart Options Real Time 1h 3h 6h 12h 24h 7 days Custom

6 Rows Selected

Search Options

Down(0) Init(0) Up(8)

| Tunnel Endpoints                                | Protocol | State | Jitter (ms) | Loss (%) | FEC Loss |
|-------------------------------------------------|----------|-------|-------------|----------|----------|
| public-internet                                 | --       | --    | --          | --       | --       |
| ✓ vEdge1:public-internet-vEdge2:public-internet | IPSEC    | ↑     |             |          | -        |
| ✓ vEdge1:public-internet-vEdge3:public-internet | IPSEC    | ↑     |             |          | -        |
| ✓ vEdge1:public-internet-vEdge4:public-internet | IPSEC    | ↑     |             |          | -        |
| ✓ vEdge1:public-internet-vEdge5:public-internet | IPSEC    | ↑     |             |          | -        |

```

vpn 0
interface ge0/0
ip address 10.50.0.101/30
tunnel-interface
encapsulation ipsec
color public-internet restric
allow-service all
allow-service netconf

```

A. ip route 0.0.0.0/0 10.50.0.102

```

vpn 1
interface ge0/0
ip address 10.50.0.101/30
tunnel-interface
encapsulation ipsec
color public-internet restric
allow-service all
allow-service netconf

```

B. ip route 0.0.0.0/0 10.50.0.102

C. 

```
vpn 0
interface ge0/0
ip address 10.50.0.101/30
tunnel-interface
encapsulation gre
color public-internet
allow-service ntp

ip route 0.0.0.0/0 10.50.0.102
```

D. 

```
vpn 0
interface ge0/0
ip address 10.50.0.101/30
tunnel-interface
encapsulation ipsec
allow-service none

ip route 0.0.0.0/0 10.50.0.102
```

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 126

A customer has MPLS and Internet as the TLOC colors. An engineer must configure controllers with the Internet and not with MPLS. Which configuration achieves this requirement on vManage?

A. 

```
vpn 0
interface eth1
ip address 10.50.0.1/24
tunnel-interface
color default
```

B. 

```
vpn 0
interface eth1
ip address 10.50.0.1/24
tunnel-interface
color mpls
```

C. 

```
vpn 0
interface eth1
ip address 10.50.0.1/24
tunnel-interface
color biz-internet
```

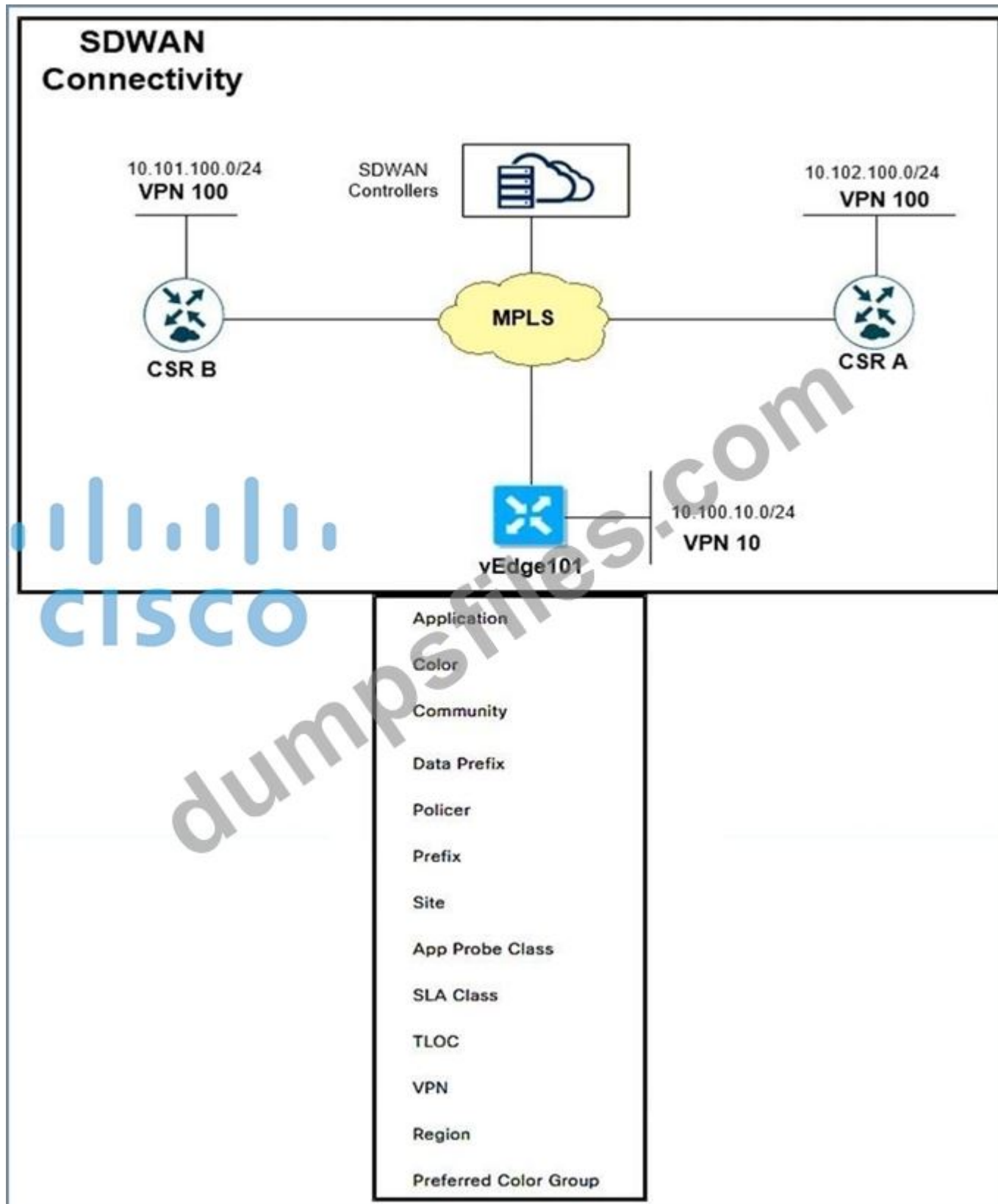
D. 

```
vpn 0
interface eth1
ip address 10.50.0.1/24
tunnel-interface
color public-internet
```

Answer: ([SHOW ANSWER](#))

#### NEW QUESTION: 127

Refer to the exhibit. Spokes in VPN100 must reach services in VPN10 at the data center. These services include DHCP, DNS, and application servers. Which two components must be configured before creating the policy for route leaking between VPN 100 and VPN10? (Choose two.)



- A. VPN
- B. color
- C. TLOC
- D. prefix
- E. data prefix

**Answer: A,E (LEAVE A REPLY)**

To enable route leaking between VPN 100 and VPN 10, you must configure:

- The VPNs involved (to define from which VPN to which VPN routes should be leaked), and
- The data prefix, which identifies the specific destination subnets (e.g., DNS, DHCP, application servers) in VPN 10 that should be reachable from VPN 100.

#### NEW QUESTION: 128

An enterprise has several sites with multiple VPNs that are isolated from each other. A new requirement came where users in VPN 73 must be able to talk to users in VPN 50. Which configuration meets this requirement?

```

policy
 control-policy Route_Leaking
 sequence 1
 match route
 vpn-list VPN_73
 prefix-list _AnyIpv4PrefixList
 action accept
 export-to vpn-list VPN_50
 sequence 11
 match route
 vpn-list VPN_50
 prefix-list _AnyIpv4PrefixList
 action accept
 export-to vpn-list VPN_73
 default-action accept

policy
 control-policy Route_Leaking
 sequence 1
 match route
 VPN_73
 prefix-list _AnyIpv4PrefixList
 export-to VPN_50
 sequence 11
 match route
 VPN_50
 prefix-list _AnyIpv4PrefixList
 export-to VPN_73
 default-action accept

policy
 control-policy Route_Leaking
 sequence 1
 match route
 VPN_ALL
 prefix-list _AnyIpv4PrefixList
 action accept
 export-to VPN_ALL

policy
 control-policy Route_Leaking
 sequence 1
 match route
 VPN_50 VPN_73
 prefix-list _AnyIpv4PrefixList
 action accept

```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

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

### NEW QUESTION: 129

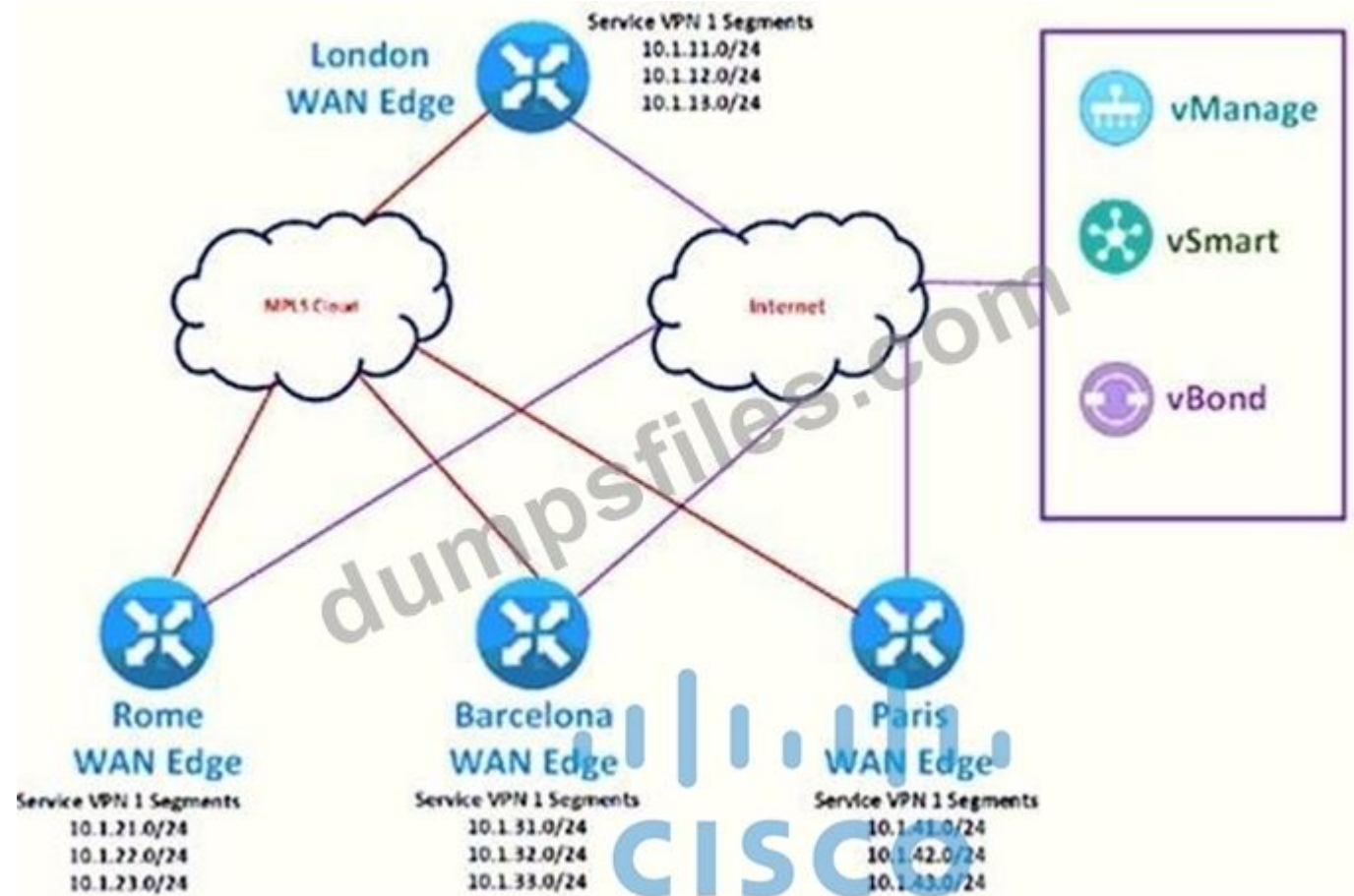
Refer to the exhibit. The SD-WAN network is configured with a default full-mesh topology. The network engineer wants the Rome WAN Edge to use the MPLS TLOC as the preferred TLOC when forwarding Telnet traffic as long as the MPLS link has these characteristics:

Loss: 5%

Latency: 100ms

Jitter: 100 ms

Which configuration must the network engineer use to create a list that classifies the MPLS link characteristics?



Application

Color

Community

Data Prefix

Policer

Prefix

Site

App Probe Class

SLA Class

TLOC

VPN

A.

Application

Color

Community

Data Prefix

Policer

Prefix

Site

App Probe Class

SLA Class

TLOC

VPN

B.

Application

Color

Community

Data Prefix

Policer

Prefix

Site

App Probe Class

SLA Class

TLOC

VPN

C.

Application

Color

Community

Data Prefix

Policer

Prefix

Site

App Probe Class

SLA Class

TLOC

VPN

D.

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

#### NEW QUESTION: 130

Which two mechanisms are used to guarantee the integrity of data packets in the Cisco SD-WAN architecture data plane? (Choose two)

- A. transport locations
- B. authentication headers
- C. certificates
- D. TPM chip

E. encapsulation security payload

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

Explanation

[https://sdwan-docs.cisco.com/Product\\_Documentation/Software\\_Features/Release\\_18.4/Security/01Security\\_Ov](https://sdwan-docs.cisco.com/Product_Documentation/Software_Features/Release_18.4/Security/01Security_Ov)

**NEW QUESTION: 131**

A network administrator is configuring Qos on a vEdge 5000 router and needs to enable it on the transport side interface. Which policy setting must be selected to accomplish this goal?

A. Cloud QoS Service side

B. Cloud QoS

C. NetFlow

D. Application

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

9. Since the DC routers are vEdge 5000s, select the **Cloud QoS** checkbox to enable QoS on the transport side.

**Valid 300-415 Dumps** shared by TrainingDump.com for Helping Passing 300-415 Exam! TrainingDump.com now offer the **newest 300-415 exam dumps**, the TrainingDump.com 300-415 exam **questions have been updated** and **answers have been corrected** get the **newest** TrainingDump.com 300-415 dumps with Test Engine here: <https://www.trainingdump.com/Cisco/300-415-practice-exam-dumps.html> (551 Q&As Dumps, **40%OFF** Special Discount: **Exam-Tests**)