

Cisco

Exam Questions 300-415

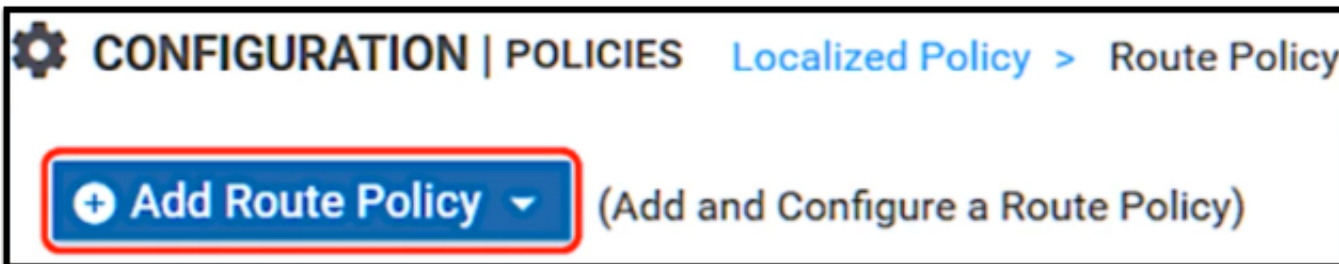
Implementing Cisco SD-WAN Solutions (ENSDWI)



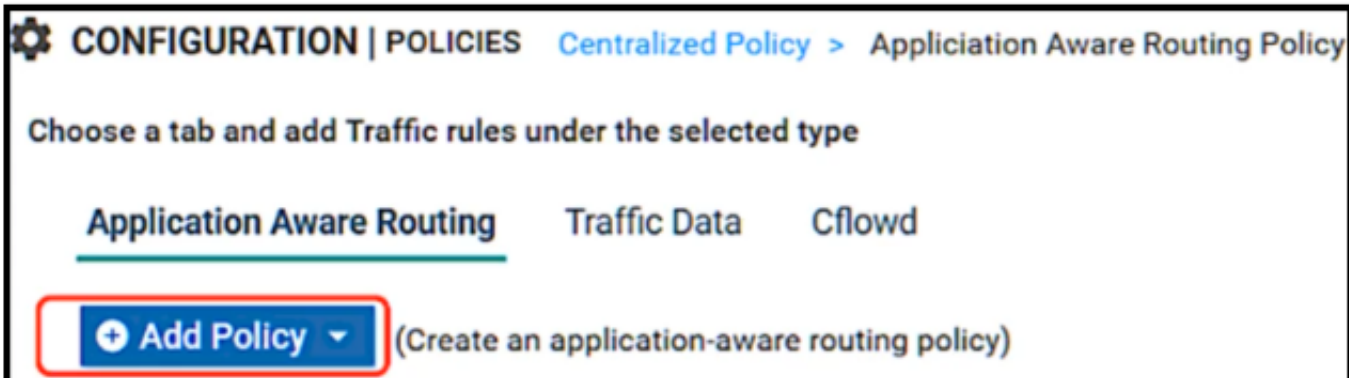
NEW QUESTION 1

An engineer must configure the SD-WAN Edge router to identify DSCP 26 traffic coming from the router's local site and then change the DSCP value to DSCP 18 before sending it over to the SD-WAN fabric. What are the two ways to create the required configuration? (Choose two).

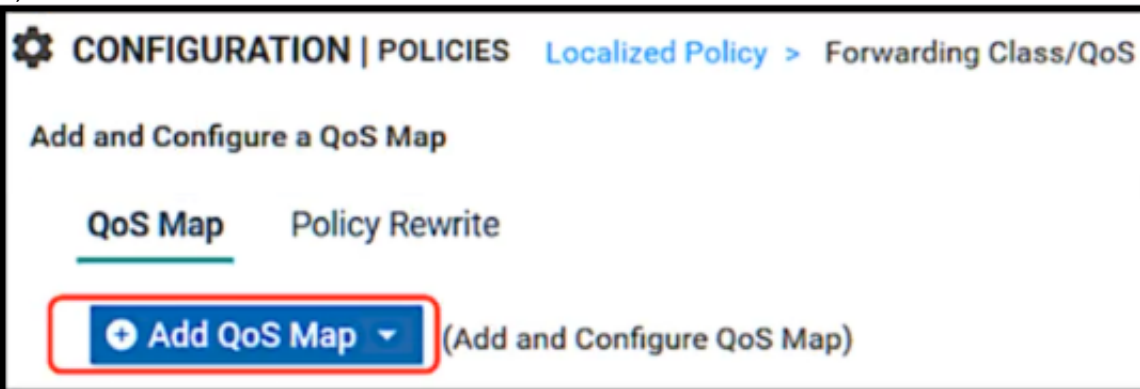
A)



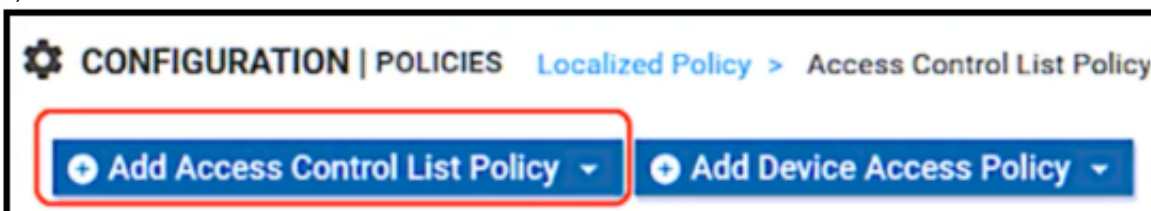
B)



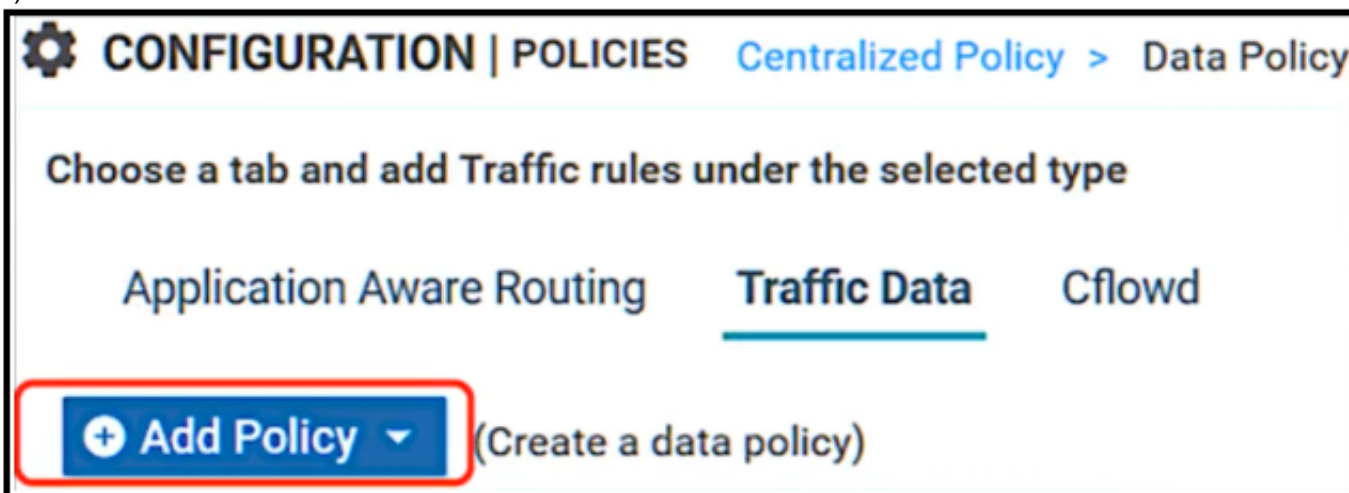
C)



D)



E)



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

Answer: AC

NEW QUESTION 2

Which two platforms for the Cisco SD-WAN architecture are deployable in a hypervisor on-premises or in IAAS Cloud? (Choose two.)

- A. CSR 1000v
- B. vEdge 100c
- C. vEdge Cloud
- D. vEdge 2000
- E. ISR 4431

Answer: AC

NEW QUESTION 3

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

Explanation:

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 4

What is the role of the Session Traversal Utilities for NAT server provided by the vBond orchestrator?

- A. It facilitates SD-WAN toners and controllers to discover their own mapped or translated IP addresses and port numbers
- B. It prevents SD-WAN Edge routers from forming sessions with public transports among different service providers
- C. It facilitates SD-WAN Edge routers to stay behind a NAT-enabled firewall while the transport addresses of the SD-WAN controller are unNAT-ed
- D. It allows WAN Edge routers to form sessions among MPLS TLOCs using only public IP addresses

Answer: C

NEW QUESTION 5

Refer to the exhibit, which configuration configures IPsec tunnels in active and standby?

```
from-vsmart data-policy_1_ServiceIserctionIPSec
direction from-service
vpn-list 1
  sequence 1
  match destination-ip 64.102.6.247/32
  action accept
  set
  service netsvc1
  service local
  default-action accept
```

- ☒ vpn 1
service netsvc1 interface ipsec1 ipsec2

vpn-list 1
count ServicePsec1_275676046
from-vsmart lists vpn-list 1
vpn 1
- ☐ vpn 0
service netsvc1 interface ipsec1 ipsec2

from-vsmart lists vpn-list 0
vpn 0
- ☐ vpn 1
service netsvc1 interface ipsec1 ipsec2

from-vsmart lists vpn-list 1
vpn 1
- ☐ vpn 0
service netsvc1 interface ipsec1 ipsec2

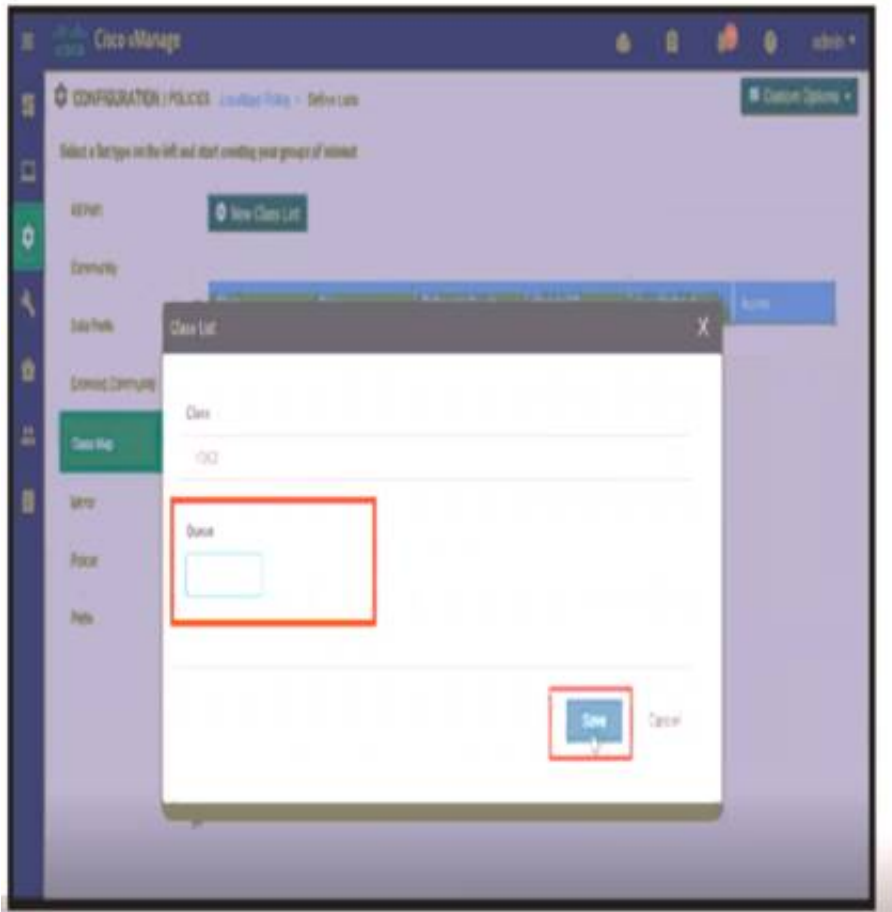
vpn-list 1
count ServicePsec1_275676046
from-vsmart lists vpn-list 0
vpn 0

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

Answer: C

NEW QUESTION 6

Refer to the exhibit.



A network administrator is setting the queueing value for voice traffic for one of the WAN Edge routers using vManager GUI. Which queue value must be set to accomplish this task?

- A. 1
- B. 2
- C. 3

Answer: A

NEW QUESTION 7

An organization wants to use the cisco SD-WAN regionalized service-chaining feature to optimize cost and user experience with application in the network, which allows branch routers to analyze and steer traffic toward the required network function. Which feature meets this requirement?

- A. Cloud Services Platform
- B. VNF Service Chaining
- C. Cloud onRamp for Colocation
- D. Cloud onRamp for IaaS

Answer: C

Explanation:

<https://www.cisco.com/c/dam/en/us/solutions/collateral/enterprise-networks/sd-wan/nb-06-cisco-sd-wan-ebook>

The solution provides enterprises with multiple distributed branch offices that are clustered around major cities or spread over several countries the ability to regionalize the routing services in colocation facilities.

NEW QUESTION 8

An engineering team must prepare a traffic engineering policy where an MPLS circuit is preferred for traffic coming from the Admin VLAN Internet should be used as a backup only. Which configuration fulfill this requirement?

A)

```

policy
data-policy _TE
vpn-list VPN_10
sequence 1
match
source-data-prefix-list Source_Prefix
destination-data-prefix-list Dest_Prefix
action accept
set
vpn 10
tloc-list Hub_TLOCs
default-action reject
!
tloc-list Hub_TLOCs
tloc 10.4.4.4 color mpls encap ipsec preference 300
tloc 10.4.4.4 color public-internet encap ipsec preference 600

```

B)


```
policy
data-policy _TE
vpn-list VPN_10
sequence 1
match
source-data-prefix-list Source_Prefix
destination-data-prefix-list Dest_Prefix
action accept
nat use-vpn 0
nat fallback
default-action reject
!
tloc-list Hub_TLOCs
tloc 10.4.4.4 color mpls encap ipsec preference 300
tloc 10.4.4.4 color public-internet encap ipsec preference 600
```

C)

```
policy
data-policy _TE
vpn-list VPN_10
sequence 1
match
source-data-prefix-list Source_Prefix
destination-data-prefix-list Dest_Prefix
action accept
set
vpn 10
tloc-list Hub_TLOCs
default-action accept
!
tloc-list Hub_TLOCs
tloc 10.4.4.4 color mpls encap ipsec preference 600
tloc 10.4.4.4 color public-internet encap ipsec preference 300
```

D)

```
policy
data-policy _TE
vpn-list VPN_10
sequence 1
match
source-data-prefix-list Source_Prefix
destination-data-prefix-list Dest_Prefix
action accept
set
vpn 512
tloc-list Hub_TLOCs
default-action accept
!
tloc-list Hub_TLOCs
tloc 10.4.4.4 color mpls encap ipsec preference 600
tloc 10.4.4.4 color public-internet encap ipsec preference 300
```

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

Answer: C

NEW QUESTION 9

An engineer is configuring a WAN Edge router for DIA based on matching QoS parameters. Which two actions accomplish this task? (Choose two.)

- A. Apply a QoS map policy.
- B. Configure a control policy.
- C. Configure a centralized data policy.
- D. Configure NAT on the transport interface.
- E. Apply a data policy on WAN interface.

Answer: CD

Explanation:

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

NEW QUESTION 10

On which device is a service FW address configured to Insert firewall service at the hub?

- A. vEdge at the branch
- B. vSmart at the hub
- C. vEdge at the hub
- D. vSmart at the branch

Answer: C

NEW QUESTION 10

Which pathway under Monitor > Network > Select Device is used to verify service insertion configuration?

- A. Real Time
- B. System Status
- C. ACL Logs
- D. Events

Answer: A

Explanation:

- Using Cisco vManage:

View the configured services on the Real Time monitoring page (**Monitor > Network > hub-device > Real Time**). For Device Options, select OMP Services.

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

NEW QUESTION 14

Refer to the exhibit

PEER TYPE	PEER PROTOCOL	PEER SYSTEM	SITE IP	DOMAIN ID	PEER ID	PRIVATE IP	PRIVATE PORT	PEER PUBLIC IP	PUBLIC PORT	LOCAL COLOR	STATE	LOCAL ERROR	REMOTE ERROR	REPEAT COUNT
vbond	dtls	-	0	0		209.165.200.230	12346	209.165.200.230	12346	biz-internet	tear_down	CTORGNMMIS	NOERR	14
vbond	dtls	-	0	0		209.165.201.137	12346	209.165.201.137	12346	biz-internet	tear_down	CTORGNMMIS	NOERR	13

An engineer is getting a CTORGNMMIS error on a controller connection Which action resolves this issue?

- A. Configure a valid serial number on the WAN Edge
- B. Configure a valid organization name
- C. Configure a valid certificate on vSMART
- D. Configure a valid product ID

Answer: B

NEW QUESTION 16

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

Explanation:

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 18

Which policy configuration must be used to classify traffic as it enters the branch WAN Edge router to be put into the desired output queue?

A)

```
Policy
class-map
class p1 queue 2
```

B)

```
qos-map Q_Map
qos-scheduler p1
```

C)

```
Policy
qos-scheduler QOS
class p1
bandwidth-percent 20
buffer-percent 20
drops red-drop
```

D)

```

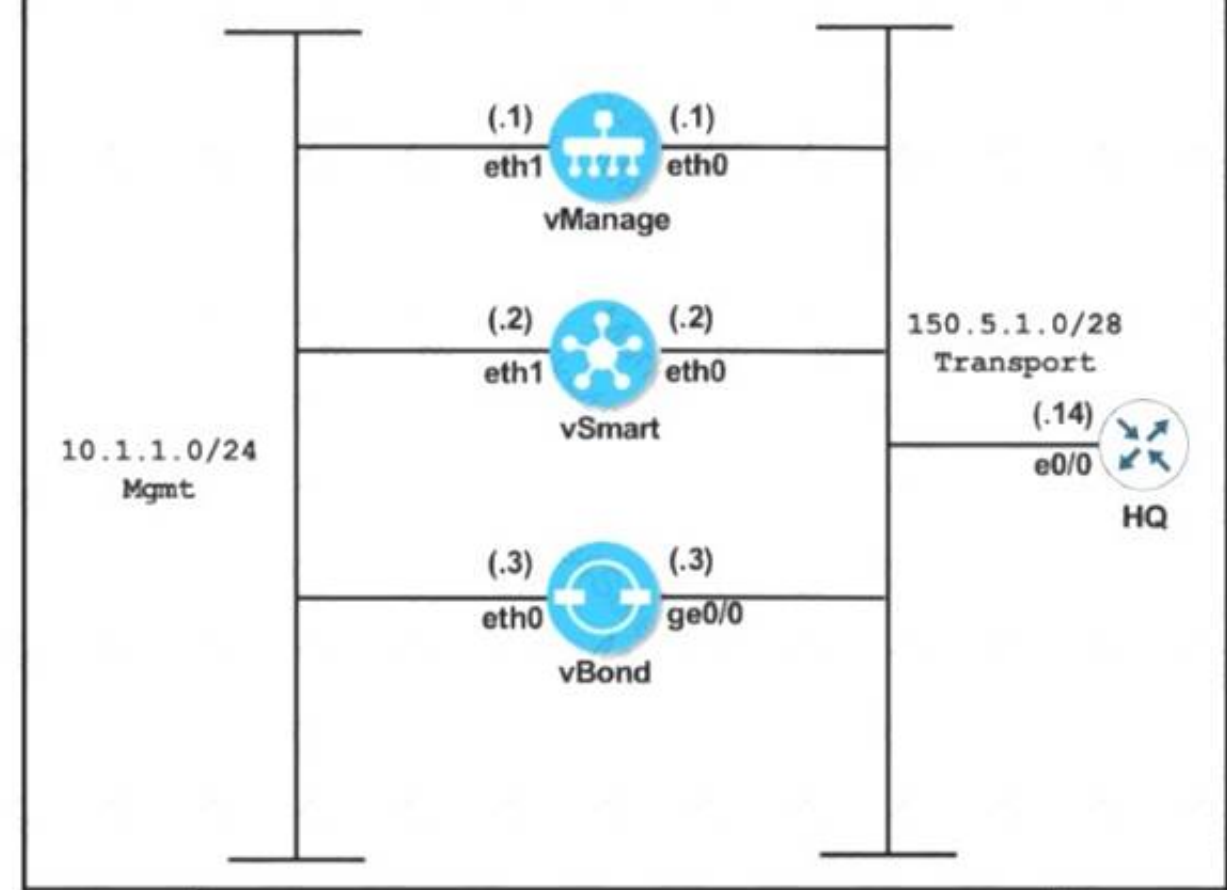
Policy
access-list QoS
sequence 1
match
destination-ip 10.0.0.0/8
|
action accept
class p1
    
```

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

Answer: D

NEW QUESTION 21

Refer to the exhibit.



```

vManage
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

vSmart
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

Explanation:

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 23

Which two requirements must be met for DNS inspection when integrating with cisco umbrella? (Choose two)

- A. Upload the WAN Edge serial allow list to the Umbrella portal.
- B. Attach security policy to the device template.
- C. Configure the Umbrella token on the vManage
- D. Create and attach a System feature template with the Umbrella registration credentials.
- E. Register and configure the vManage public IP and serial number in the Umbrella portal.

Answer: BC

Explanation:

<https://www.connection.com/~media/pdfs/brands/c/cisco/security/cnxd-cisco-sd-wan-and-umbrella.pdf?la=en>

NEW QUESTION 28

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

vpn 512

interface eth1

ip address 199.1.1.1/28

tunnel-interface

allow-service netconf

no allow-service ntp

no allow-service stun

vpn 0

interface eth1

ip address 199.1.1.1/28

tunnel-interface

allow-service sshd

allow-service ntp

vpn 512

interface eth1

ip address 199.1.1.1/28

tunnel-interface

allow-service sshd

allow-service netconf

vpn 0

interface eth1

ip address 199.1.1.1/28

tunnel-interface

allow-service sshd

allow-service netconf

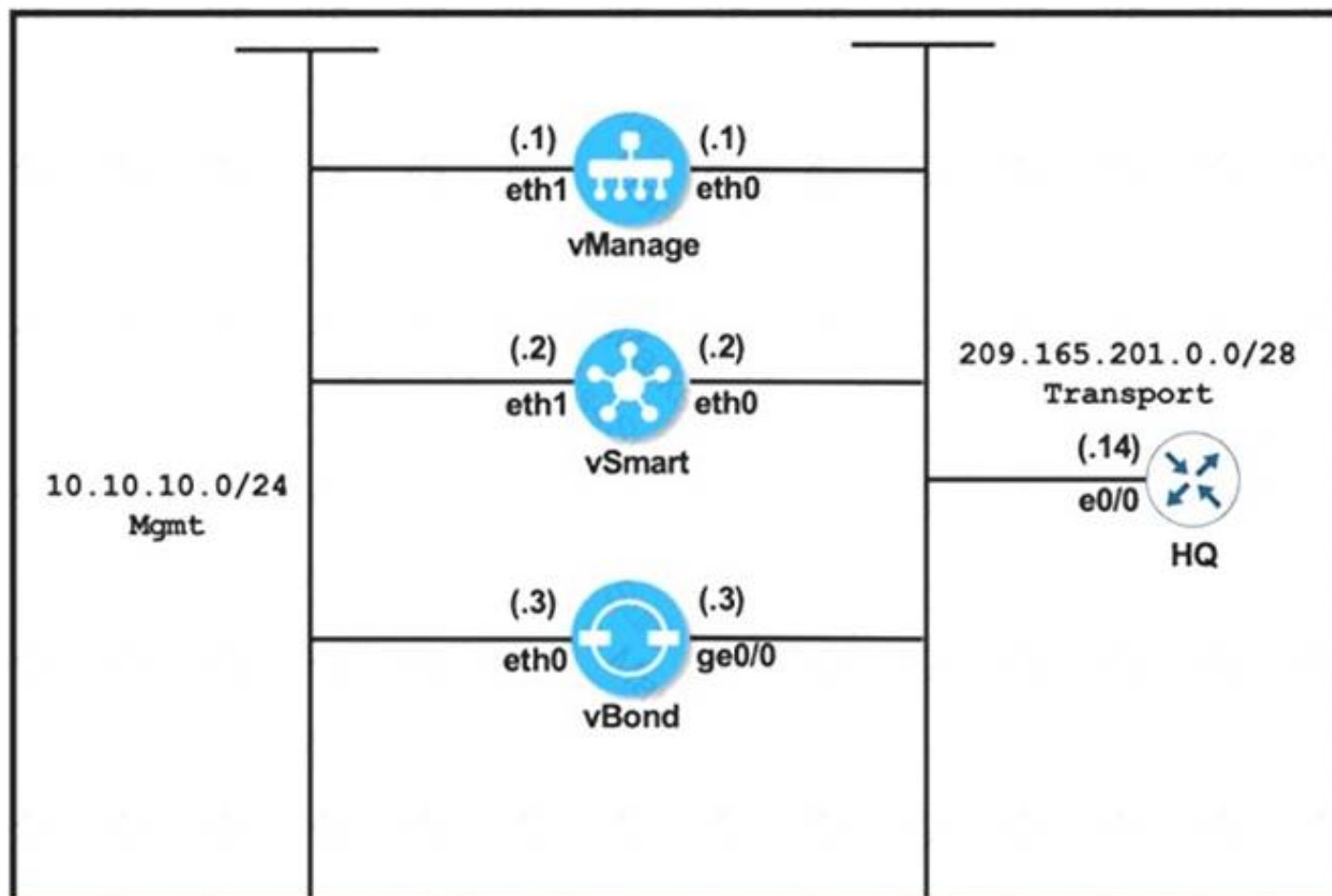
no shutdown

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

Answer: D

NEW QUESTION 31

Refer to the exhibit



vManage	vBond
<pre> 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 </pre>	<pre> 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 </pre>

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

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

Answer: B

Explanation:

<https://community.cisco.com/t5/sd-wan-and-cloud-networking/encapsulation-ipsec-on-vbond/td-p/4451149> "encapsulation" command under vBond tunnel-interface has no meaning and effect.

NEW QUESTION 32

A network administrator is bringing up one WAN Edge for branch connectivity. Which types of tunnels form when the WAN edge router connects to the SD-WAN fabric?

- A. DTLS or TLS tunnel with vBond controller and IPsec tunnel with vManage controller.
- B. DTLS or TLS tunnel with vBond controller and IPsec tunnel with other WAN Edge routers.
- C. DTLS or TLS tunnel with vSmart controller and IPsec tunnel with other Edge routers.
- D. DTLS or TLS tunnel with vSmart controller and IPsec tunnel with vBond controller.

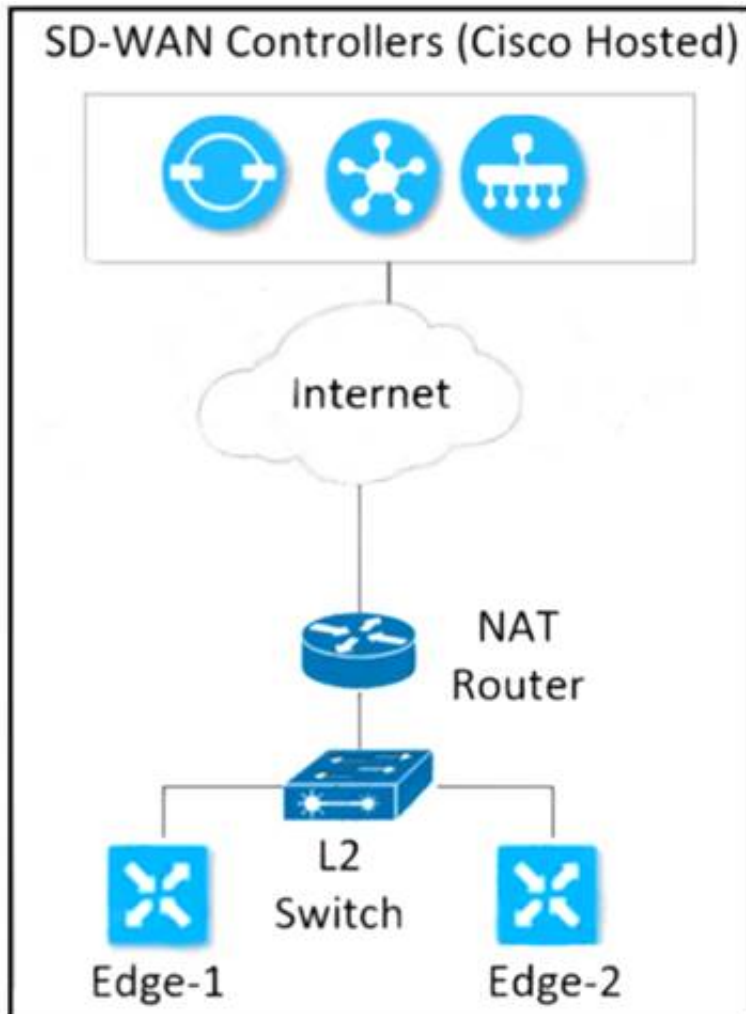
Answer: C

Explanation:

The WAN Edge routers form a permanent Datagram Transport Layer Security (DTLS) or Transport Layer Security (TLS) control connection to the vSmart controllers and connect to both of the vSmart controllers over each transport. The routers also form a permanent DTLS or TLS control connection to the vManage server, but over just one of the transports. The WAN Edge routers securely communicate to other WAN Edge routers using IPsec tunnels over each transport. The Bidirectional Forwarding Detection (BFD) protocol is enabled by default and runs

NEW QUESTION 34

Refer to the exhibit



Which configuration must the engineer use to form underlay connectivity for the Cisco SD-WAN network?

A)

```

R1
vpn 512
interface eth0
ip address 10.0.0.21/24
no shutdown
!
ip route 0.0.0.0/0 10.0.0.254
    
```

```

R2
vpn 512
interface eth0
ip address 10.0.0.2/24
no shutdown
!
ip route 0.0.0.0/0 10.0.0.254
    
```

B)

```

R1
vpn 10
interface ge0/2
ip address 10.10.10.9/29
no shutdown
!
ip route 0.0.0.0/0 10.10.10.11
    
```

```

R2
vpn 10
interface ge0/2
ip address 10.10.10.10/29
no shutdown
!
ip route 0.0.0.0/0 10.10.10.11
    
```

C)

```
R1
vpn 0
interface 10ge0/0
ip address 10.50.0.2/29
no shutdown
!
ip route 0.0.0.0/0 10.50.0.3
```

```
R2
vpn 0
interface 10ge0/0
ip address 10.50.0.1/29
no shutdown
!
ip route 0.0.0.0/0 10.50.0.3
```

D)

```
R1
vpn 0
interface ge0/0
ip address 10.50.0.2/30
tunnel-interface
!
ip route 0.0.0.0/0 10.50.0.4
```

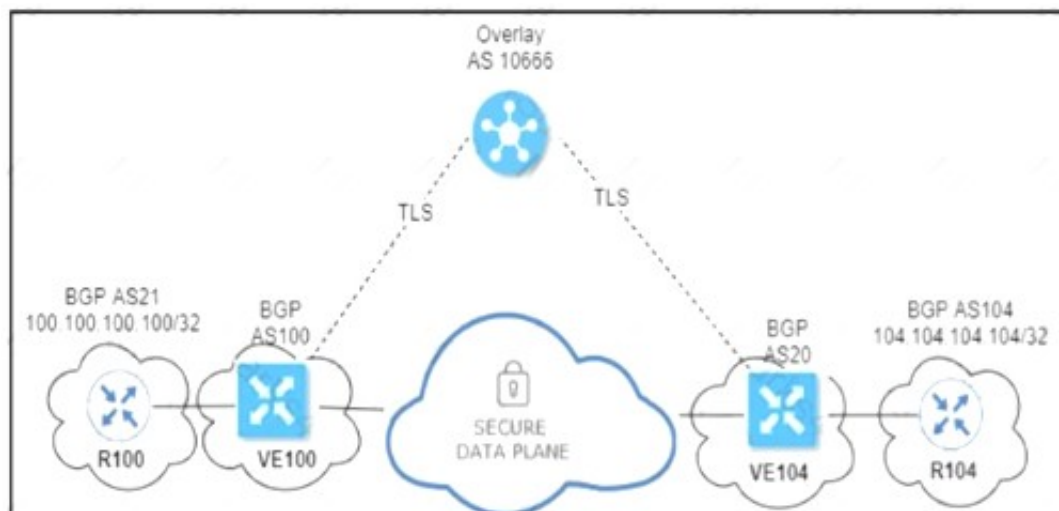
```
R2
vpn 0
interface ge0/0
ip address 10.50.0.3/30
tunnel-interface
!
ip route 0.0.0.0/0 10.50.0.4
```

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

Answer: C

NEW QUESTION 39

Refer to the exhibit.



An engineer configured OMP with an overlay-as of 10666. What is the AS-PATH for prefix 104.104.104.104/32 on R100?

- A. 100 10666 104
- B. 100 10666
- C. 100 10666 20 104
- D. 100 20 104

Answer: A

NEW QUESTION 44

Which third-party Enterprise CA server must be used (or a cloud-based vSmart controller)?

- A. RootCert
- B. Microsoft
- C. RADIUS
- D. VeriSign

Answer: A

NEW QUESTION 48

An organization requires the use of integrated preventative engines, exploit protection, and the most updated and advanced signature-based antivirus with sandboxing and threat intelligence to stop malicious attachments before they reach users and get executed. Which Cisco SD-WAN solution meets the requirements?

- A. Cisco Trust Anchor module

- B. URL filtering and Umbrella DNS security
- C. Cisco AMP and Threat Grid
- D. Snort IPS

Answer: D

NEW QUESTION 52

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

Explanation:

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>

NEW QUESTION 56

Which feature delivers traffic to the Cisco Umbrella SIG cloud from a Cisco SD-WAN domain?

- A. L2TPv3 tunnel
- B. IPsec tunnel
- C. local umbrella agent
- D. source NAT

Answer: B

NEW QUESTION 58

When VPNs are grouped to create destination zone in Zone-Based Firewall, how many zones can a single VPN be part of?

- A. two
- B. four
- C. one
- D. three

Answer: C

NEW QUESTION 60

Refer to the exhibit.

PEER TYPE	PEER PROTOCOL	PEER SYSTEM	SITE IP	DOMAIN ID	PEER PRIVATE IP	PEER PORT	PEER PUBLIC IP	PUBLIC PORT	CONTROLLER LOCAL	GROUP COLOR	STATE
vbond	dtls	-	0	0	1.3.25.25	12346	1.3.25.25	12346	gold	connect	0
vbond	dtls	-	0	0	1.3.25.25	12346	1.3.25.25	12346	silver	connect	0

An engineer is troubleshooting a control connection Issue. What does "connect" mean in this how control connections output?

- A. Control connection is down
- B. Control connection is connected
- C. Control connection attempt is in progress
- D. Control connection is up

Answer: C

NEW QUESTION 61

What prohibits deleting a VNF image from the software repository?

- A. if the image is stored by vManage
- B. if the image is referenced by a service chain
- C. if the image is uploaded by a WAN Edge device
- D. if the image is included in a configured policy

Answer: D

NEW QUESTION 63

What is the behaviour of vBond orchestrator?

- A. It maintains vSmart and WAN Edge routers secure connectivity state
- B. it builds permanent connections with vSmart controllers
- C. it updates vSmart of WAN Edge routers behind NAT devices using OMP.
- D. It builds permanent connections with WAN Edge routers

Answer: A

NEW QUESTION 68

Refer to the exhibit

```
vManage#show control local-properties
personality                vmanage
sp-organization-name       Cisco
organization-name          Cisco
system-ip                  10.1.1.10
root-ca-chain-status        Installed
certificate-status          Installed
```

A vBond controller was added to the controller list with the same Enterprise Root CA certificate as vManage. The two controllers can reach each other via VPNO and share the same organization name, but the control connection is not initiated- Which action resolves the issue?

- A. Synchronize the WAN Edge list on vManage with controllers.
- B. Configure NTP on both controllers to establish a connection.
- C. Configure a valid system IP on the vBond controller.
- D. Configure a valid vBond IP on vManage.

Answer: D

NEW QUESTION 69

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

Explanation:

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 73

How is multicast routing enabled on devices in the Cisco SD-WAN overlay network?

- A. The WAN Edge routers originate multicast service routes to the vSmart controller via OMP, which then forwards joins for requested multicast groups based on IGMP v1 or v2 toward the source or PIM-RP as specified in the original PIM join message.
- B. The vSmart controller originates multicast service routes to the WAN Edge routers via OMP, which then forwards joins for requested multicast groups based on IGMP v1 or v2 toward the source or PIM-RP as specified in the original PIM join message
- C. The vSmart controller originates multicast service routes to the WAN Edge routers via OMP, which then forwards joins (or requested multicast groups based on IGMP v2 or v3 toward the source or PIM-RP as specified in the original PIM join message
- D. The WAN Edge routers originate multicast service routes to the vSmart controller via OM
- E. which then forwards joins for requested multicast groups based on iGMP v2 or v3 toward the source or PIM-RP as specified in the original PIM join message

Answer: A

Explanation:

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/routing/ios-xe-17/routing-book-xe/m-multic>

NEW QUESTION 77

Refer to the exhibit

MONITOR | AUDIT LOG

Filter Module: vManage Root CA

1h 3h 6h 12h 24h 7days Custom

Search Options

Total Rows: 10

Timestamp	User	User IP	Message	Module	Feature	Device	Task ID	
18 Dec 2020	system	10.1.1.1	Uploaded root ca uuid list file on vBond-d3aa12f...	vmanage-roo...	vmanage-root-ca	10.3.3.3	d3aa12fd-b024-4246-899a	...
18 Dec 2020	system	10.1.1.1	Transferred root ca uuid list file to vBond-d3aa12...	vmanage-roo...	vmanage-root-ca	10.3.3.3	d3aa12fd-b024-4246-899a	...
18 Dec 2020	system	10.1.1.1	Installed root cert chain on vBond-d3aa12fd-b02...	vmanage-roo...	vmanage-root-ca	10.3.3.3	d3aa12fd-b024-4246-899a	...
18 Dec 2020	system	10.1.1.1	Transferred root cert chain file to vBond-d3aa12f...	vmanage-roo...	vmanage-root-ca	10.3.3.3	d3aa12fd-b024-4246-899a	...
18 Dec 2020	system	10.1.1.1	Installed root cert chain on vSmart-547bad3f-04...	vmanage-roo...	vmanage-root-ca	10.2.2.2	547bad3f-04e0-4d0f-b654	...
18 Dec 2020	system	10.1.1.1	Transferred root cert chain file to vSmart-547bad...	vmanage-roo...	vmanage-root-ca	10.2.2.2	547bad3f-04e0-4d0f-b654	...
18 Dec 2020	system	10.1.1.1	Uploaded root ca uuid list file on vBond-d3aa12f...	vmanage-roo...	vmanage-root-ca	10.3.3.3	d3aa12fd-b024-4246-899a	...
18 Dec 2020	system	10.1.1.1	Installed root cert chain on vManage-6842d5cf-...	vmanage-roo...	vmanage-root-ca	10.1.1.1	6842d5cf-ce74-41a0-9ff5	...
18 Dec 2020	system	10.1.1.1	Transferred root ca uuid list file to vBond-d3aa12...	vmanage-roo...	vmanage-root-ca	10.3.3.3	d3aa12fd-b024-4246-899a	...
18 Dec 2020	system	10.1.1.1	Transferred root cert chain file to vManage-6842...	vmanage-roo...	vmanage-root-ca	10.1.1.1	6842d5cf-ce74-41a0-9ff5	...

```
vManage# show certificate installed
```

```
Server certificate
```

```
Certificate:
```

```
Data:
```

```
Version: 1 (0x0)
```

```
Serial Number:
```

```
d0:d1:f0:e0:63:52:c9:3a
```

```
Signature Algorithm: sha256WithRSAEncryption
```

```
Issuer: C=UK, ST=ENG, L=London, O=ABC, CN=SDWAN.lab
```

```
Validity
```

```
Not Before: Jul 30 19:42:30 2020 GMT
```

```
Not After : Jul 30 19:42:30 2021 GMT
```

```
Subject: C=US, ST=California, L=San Jose, OU=ABC,  
O=vIPtela Inc, CN=vmanage-6842d5cf-ce74-41a0-9ff5-  
10e810f9ddab-0.vm
```

```
Subject Public Key Info:
```

```
Public Key Algorithm: rsaEncryption
```

```
Public-Key: (2048 bit)
```

A small company was acquired by a large organization. As a result, the new organization decided to update information on their Enterprise RootCA and generated a new certificate using openssl. Which configuration updates the new certificate and issues an alert in vManage Monitor | Events Dashboard?

A)

Step1: Generate the RootCA Certificate

```
openssl x509 -req -in vmanage_csr \
  -CA ROOTCA.pem -CAkey ROOTCA.key -CAcreateserial \
  -out vmanage.crt -days 365 -sha256
```

Step2: Install the RootCA Certificate

vManage > Administration > Settings > Controller Certificate Authorization > Enterprise Root Certificate

B)

Step1: Generate the RootCA Certificate

```
openssl x509 -req -in vmanage_csr \
  -CA ROOTCA.pem -CAkey ROOTCA.key -CAcreateserial \
  -out vmanage.crt -days 365 -sha256
```

Step2: Install the RootCA Certificate

vManage > Administration > Settings > Controller Certificate Authorization > Symantec Automated (Recommended)

C)

Step1: Generate the RootCA Certificate

```
vManage:~$openssl req -x509 -new -nodes -key ROOTCA.key -
sha256 -days 2000 \
  -subj "/C=UK/ST=ENG/L=London/O=XYZ/CN= SDWAN.lab " \
  -out ROOTCA.pem
```

Step2: Install the RootCA Certificate

vManage > Administration > Settings > Controller Certificate Authorization > Enterprise Root Certificate

D)

Step1: Generate the RootCA Certificate

```
vManage#openssl req -x509 -new -nodes -key ROOTCA.key -sha256
-days 2000 \
  -subj "/C=UK/ST=ENG/L=London/O=ABC/CN= SDWAN.lab " \
  -out ROOTCA.pem
```

Step2: Install the RootCA Certificate

vManage > Administration > Settings > Controller Certificate Authorization > Symantec Automated (Recommended)

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

Answer: C

Explanation:

7. Generate Root CA certificate named **rootca.pem** and sign it with **rootca.key** that was generated on the previous step.

```
vmanage:~/web$ openssl req -x509 -new -nodes -key rootca.key -sha256 -days 4000 -out rootca.pem
```

NEW QUESTION 78

Refer to the exhibit.

Tunnel Endpoints	Protocol	State	Jitter (ms)	Loss (%)	FEC Loss
public-internet					
vEdge1:public-internet-vEdge2:public-internet	IPSEC	↑		0	
vEdge1:public-internet-vEdge3:public-internet	IPSEC	↑		0	
vEdge1:public-internet-vEdge4:public-internet	IPSEC	↑		0	
vEdge1:public-internet-vEdge5:public-internet	IPSEC	↑		0	

Which command-line configuration on a WAN Edge device achieves these results?

A)
 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

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

 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 ipsec
 allow-service none

 ip route 0.0.0.0/0 10.50.0.102

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

 ip route 0.0.0.0/0 10.50.0.102

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

Answer: B

NEW QUESTION 82

How must the application-aware enterprise firewall policies be applied within the same WAN Edge router?

- A. within and between zones
- B. between two VPN tunnels
- C. within zone pair
- D. between two VRFs

Answer: C

NEW QUESTION 87

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

Explanation:

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 91

Which storage format is used when vManage is deployed as a virtual machine on a KVM hypervisor?

- A. .iso
- B. .qcow2
- C. .ova
- D. .tgz

Answer: B

NEW QUESTION 94

A network administrator is configuring an application-aware firewall between inside zones to an outside zone on a WAN edge router using vManage GUI. What kind of inspection is performed when the “inspect” action is used?

- A. stateful inspection for TCP and UDP
- B. stateful inspection for TCP and stateless inspection of UDP
- C. IPS inspection for TCP and Layer 4 inspection for UDP
- D. Layer 7 inspection for TCP and Layer 4 inspection for UDP

Answer: A

Explanation:

Cisco's Enterprise Firewall with Application Awareness uses a flexible and easily understood zone-based model for traffic inspection, compared to the older interface-based model.

A firewall policy is a type of localized security policy that allows **stateful inspection** of TCP, UDP, and ICMP data traffic flows.

NEW QUESTION 97

Which plane builds and maintains the network topology and makes decisions on traffic flows?

- A. orchestration
- B. management
- C. control
- D. data

Answer: C

NEW QUESTION 99

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

- vpn 0
 interface eth1
 ip address 199.1.1.1/28
 tunnel-interface
 allow-service sshd
 allow-service netconf
 no shutdown
- A.
- vpn 512
 interface eth1
 ip address 199.1.1.1/28
 tunnel-interface
 allow-service sshd
 allow-service netconf
- B.
- vpn 0
 interface eth1
 ip address 199.1.1.1/28
 tunnel-interface
 allow-service sshd
 allow-service ntp
- C.
- vpn 512
 interface eth1
 ip address 199.1.1.1/28
 tunnel-interface
 allow-service netconf
 no allow-service ntp
 no allow-service stun
- D.

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

Answer: A

NEW QUESTION 103

Refer to the exhibit.

```
vEdge1# show control connections
```

PEER TYPE	PEER PROT	PEER SYSTEM IP	SITE ID	DOMAIN ID	PEER PRIVATE IP	PEER PRIV PORT	PEER PUBLIC IP	
vsmart	dtls	10.2.2.2	1	1	10.50.0.5	12446	10.50.0.5	
vsmart	dtls	10.2.2.2	1	1	10.50.0.5	12446	10.50.0.5	
vbond	dtls	0.0.0.0	0	0	10.50.0.9	12346	10.50.0.9	
vbond	dtls	0.0.0.0	0	0	10.50.0.9	12346	10.50.0.9	up
vmanage	dtls	10.1.1.1	1	0	10.50.0.1	12446	10.50.0.1	

An organization is testing a Cisco SD-WAN solution and decided to have the control plane established first and not the data plane at the time of migration. Which configuration achieves this goal?

A)

State	Device Model	Chassis Number	Hostname	IP Address	Serial No./Token	Validate	Status
Invalid	vEdge Cloud	9a0cfea0-a463-7dec-c5...	vEdge1	10.10.10.1	BC42AE30	Invalid	Staging
Invalid	vEdge Cloud	cc5daa8e-9bb1-7c9d-f5...	vEdge2	10.10.10.2	E1F0754E	Invalid	Staging
Invalid	vEdge Cloud	d7b14bb6-f71b-b111-8...	vEdge3	10.10.10.3	F5DA0A8D	Invalid	Staging
Invalid	vEdge Cloud	92b4f92b-daff-7ce2-c3...	vEdge4	10.10.10.4	BD992059	Invalid	Staging
Invalid	vEdge Cloud	0183a420-e93e-41f7-6f...	vEdge5	10.10.10.5	FA460EE6	Invalid	Staging

B)

State	Device Model	Chassis Number	Serial No./Token	Hostname	System IP	Site ID	Mode
Invalid	vEdge Cloud	9a0cfea0-a463-7dec-c586-85f9d29cd56e	BC42AE30	vEdge1	10.10.10.1	1	vManage
Invalid	vEdge Cloud	cc5daa8e-9bb1-7c9d-f545-1a9657a0b0...	E1F0754E	vEdge2	10.10.10.2	2	vManage
Invalid	vEdge Cloud	d7b14bb6-f71b-b111-8dd5-535fa9c968a2	F5DA0A8D	vEdge3	10.10.10.3	3	vManage
Invalid	vEdge Cloud	92b4f92b-daff-7ce2-c3da-622673be0339	BD992059	vEdge4	10.10.10.4	4	vManage
Invalid	vEdge Cloud	0183a420-e93e-41f7-6fc6-f74bb8754881	FA460EE6	vEdge5	10.10.10.5	4	vManage

C)

CONFIGURATION | CERTIFICATES

WAN Edge List Controllers

[Send to Controllers](#) Click **Send to Controllers** to sync the WAN Edge list on all controllers

Search Options

State	Device Model	Chassis Number	Hostname	IP Address	Serial No./Token	Validate
	vEdge Cloud	9a0cfea0-a463-7dec-c5...	vEdge1	10.10.10.1	BC42AE30	Invalid Staging Valid
	vEdge Cloud	cc5daa8e-9bb1-7c9d-f5...	vEdge2	10.10.10.2	E1F0754E	Invalid Staging Valid
	vEdge Cloud	d7b14bb6-f718-b111-8...	vEdge3	10.10.10.3	F5DA0A8D	Invalid Staging Valid
	vEdge Cloud	92b4f92b-daff-7ce2-c3...	vEdge4	10.10.10.4	BD992059	Invalid Staging Valid
	vEdge Cloud	0183a420-e93e-41f7-6f...	vEdge5	10.10.10.5	FA460EE6	Invalid Staging Valid

CONFIGURATION | CERTIFICATES

WAN Edge List Controllers

[Send to Controllers](#) Click **Send to Controllers** to sync the WAN Edge list on all controllers

Search Options Total Rows: 20

State	Device Model	Chassis Number	Hostname	IP Address	Serial No./Token	Validate
	vEdge Cloud	9a0cfea0-a463-7dec-c5...	vEdge1	10.10.10.1	BC42AE30	Invalid Staging Valid
	vEdge Cloud	cc5daa8e-9bb1-7c9d-f5...	vEdge2	10.10.10.2	E1F0754E	Invalid Staging Valid
	vEdge Cloud	d7b14bb6-f718-b111-8...	vEdge3	10.10.10.3	F5DA0A8D	Invalid Staging Valid
	vEdge Cloud	92b4f92b-daff-7ce2-c3...	vEdge4	10.10.10.4	BD992059	Invalid Staging Valid
	vEdge Cloud	0183a420-e93e-41f7-6f...	vEdge5	10.10.10.5	FA460EE6	Invalid Staging Valid

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

Answer: A

NEW QUESTION 107

A company must avoid downtime at the remote sites and data plane to continue forwarding traffic between WAN Edge devices if the branch router loses connectivity to its OMP peers Which configuration meets the requirement?

CONFIGURATION | TEMPLATES

Device **Feature**

Feature Template Add Template OMP

Basic Configuration Timers Advertise

Graceful Restart for OMP	On Off
Overlay AS Number	2
Graceful Restart Timer (seconds)	300
Number of Paths Advertised per Prefix	2
ECMP Limit	2
Shutdown	Yes No

B)

Feature Template

Add Template

OMP

Basic Configuration

Timers

Advertise

Graceful Restart for OMP

On

Off

Overlay AS Number

1

Graceful Restart Timer (seconds)

33200

Number of Paths Advertised per Prefix

2

ECMP Limit

2

Shutdown

Yes

No

CONFIGURATION | TEMPLATES

Device

Feature

Feature Template

Add Template

OMP

Basic Configuration

Timers

Advertise

Graceful Restart for OMP

On

Off

Overlay AS Number

1

Graceful Restart Timer (seconds)

43200

Number of Paths Advertised per Prefix

2

ECMP Limit

2

Shutdown

Yes

No

CONFIGURATION | TEMPLATES

Device

Feature

Feature Template

Add Template

OMP

Basic Configuration

Timers

Advertise

Graceful Restart for OMP

On

Off

Overlay AS Number

1

Graceful Restart Timer (seconds)

43200

Number of Paths Advertised per Prefix

2

ECMP Limit

4

Shutdown

Yes

No

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

Answer: D

NEW QUESTION 108

Which feature template configures OMP?

A)

Section	Parameter	Type	Variable/value
Authentication	Authentication Order	Drop-down	local
Local	User/admin/Password	Device Specific	user_admin_passwd

B)

Section	Parameter	Type	Variable/value
Basic configuration	Number of paths advertised per prefix	Global	16
Advertise	Radio	Global	Off
	Static	Global	Off

C)

Section	Parameter	Type	Variable/value
Server	Hostname/IP Address	Global	10.4.48.13
	VPN ID	Global	1
	Source interface	Global	loopback0

D)

Section	Parameter	Type	Variable/value
Basic configuration	VPN	Global	512
	Name	Global	Management VPN
IPv4 Route	Prefix	Global	0.0.0.0/0
	Gateway	Radio button	Next Hop
	Next Hop	Device Specific	vpn512_mgt_next_hop_ip_addr

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

Answer: B

NEW QUESTION 113

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. MD5
- E. SHA-2

Answer: AB

Explanation:

Configure SNMPv3

Table 7. Feature History

Feature Name	Release Information	Description
Support for SNMPv3 AES-256 bit Authentication Protocol	Cisco SD-WAN Release 20.5.1	Support introduced for AES-256 bit Authentication Protocol called SHA-256.

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:

Table 8.

Parameter Name	Description
User	Enter a name of the SNMP user. It can be 1 to 32 alphanumeric characters.
Authentication Protocol	<p>Select the authentication mechanism for the user:</p> <ul style="list-style-type: none"> SHA-1 message digest SHA-256 message digest <p>Note Starting from Cisco SD-WAN Release 20.5.1, SHA-256 authentication protocol was introduced. When you choose SHA-256 as the authentication protocol, you must set the security level as authPriv.</p> <p>Note MD5 authentication protocol is deprecated for Cisco SD-WAN Release 20.3.2 and later releases.</p>

<https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/snmp/snmp-book.html>

NEW QUESTION 116

Which table is used by the vSmart controller to maintain service routes of the WAN Edge routers in the hub and local branches?

- A. RIB
- B. FIB
- C. OMP
- D. TLOC

Answer: C

NEW QUESTION 117

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

Explanation:

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 120

What is the default value for the Multiplier field of the BFD basic configuration in vManage?

- A. 3
- B. 4
- C. 5
- D. 6

Answer: D

NEW QUESTION 125

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

Answer: B

NEW QUESTION 128

A customer has 1 to 100 service VPNs and wants to restrict outbound updates for VPN1 Which control policy configuration restricts these updates?

A)

```

policy
lists
vpn-list VPN2-100
vpn 2-100
!
control-policy restrict_2-100
sequence 10
match route
vpn-list VPN2-100
!
action reject
!
default-action accept
  
```

B)

```

policy
lists
vpn-list VPN2-100
vpn 2-100
!
control-policy restrict_2-100
sequence 10
match route
vpn-list VPN2-100
!
action reject
!
default-action accept
  
```

C)

```

policy
lists
vpn-list VPN1
vpn 1
!
control-policy restrict_1
sequence 10
match route
vpn-list VPN1
!
action reject
!
default-action accept
  
```

D)

```
Policy
lists
vpn-list restricted_vpn
vpn 2-100
!
!
vpn-membership restrict_1
sequence 10
match vpn-list restricted_vpn
action reject
!
!
default-action accept
!
```

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

Answer: C

NEW QUESTION 130

Which Cisco SD-WAN component facilitates the initial communication between WAN Edge devices to join the fabric?

- A. vSmart Controller
- B. WAN Edge Router
- C. vManage
- D. vBond Orchestrator

Answer: D

NEW QUESTION 135

Which percentage for total memory or total CPU usage for a device is classified as normal in the WAN Edge Health pane?

- A. more than 80 percent usage
- B. less than 70 percent usage
- C. between 70 to 90 percent usage
- D. more than 90 percent usage

Answer: B

NEW QUESTION 136

Drag and drop the security terminologies from the left onto the PCI-compliant network features and devices on the right.

transport security	IPS
perimeter security	zone-based firewall and VPNs
segmentation	IPsec VPN
attack prevention	firewall

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

Graphical user interface, application Description automatically generated

NEW QUESTION 138

What is the main purpose of using TLOC extensions in WAN Edge router configuration?

- A. creates hardware-level transport redundancy at the local site
- B. creates an IPsec tunnel from WAN Edge to vBond Orchestrator
- C. transports control traffic to a redundant vSmart Controller
- D. transports control traffic w remote-site WAN Edge routers

Answer: D

NEW QUESTION 142

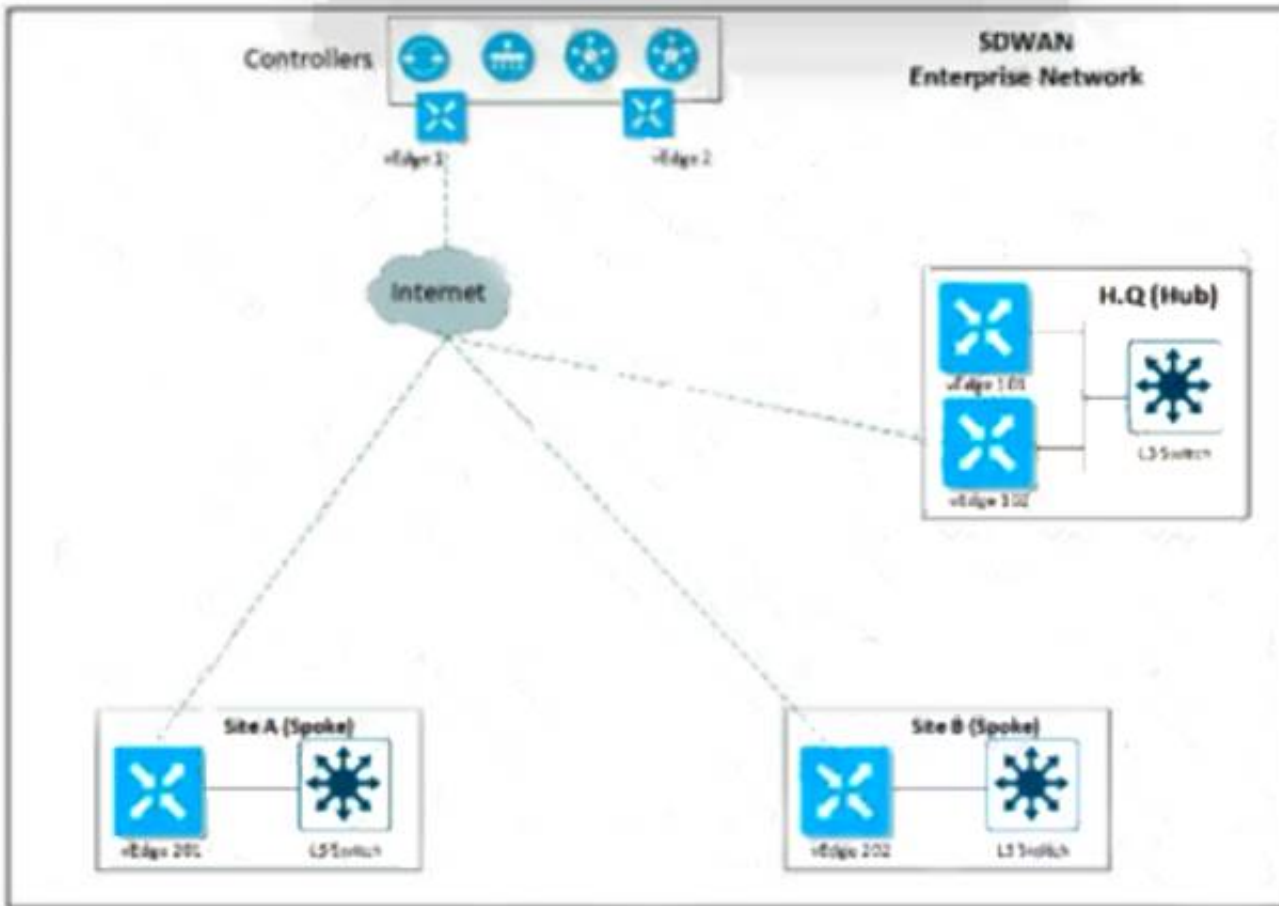
Which type of policy must be applied on a WAN Edge application-aware firewall to control traffic between two or more VPNs?

- A. service-insertion policy
- B. data policy
- C. firewall policy
- D. control policy

Answer: C

NEW QUESTION 147

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?

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

Answer: D

NEW QUESTION 148

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?

A)

Basic Configuration

Timers

Advertise

Graceful Restart for OMP

On

Off

Overlay AS Number

24

Graceful Restart Timer (seconds)

43200

Number of Paths Advertised per Prefix

4

ECMP Limit

4

Shutdown

Yes

No

B)

Basic Configuration Timers Advertise

Graceful Restart for OMP	<input checked="" type="radio"/> On <input type="radio"/> Off
Overlay AS Number	1
Graceful Restart Timer (seconds)	86400
Number of Paths Advertised per Prefix	3
ECMP Limit	4
Shutdown	<input type="radio"/> Yes <input checked="" type="radio"/> No

C)

Basic Configuration Timers Advertise

Graceful Restart for OMP	<input checked="" type="radio"/> On <input type="radio"/> Off
Overlay AS Number	24
Graceful Restart Timer (seconds)	600000
Number of Paths Advertised per Prefix	2
ECMP Limit	2
Shutdown	<input type="radio"/> Yes <input checked="" type="radio"/> No

D)

Basic Configuration Timers Advertise

Graceful Restart for OMP	<input checked="" type="radio"/> On <input type="radio"/> Off
Overlay AS Number	24
Graceful Restart Timer (seconds)	43200
Number of Paths Advertised per Prefix	2
ECMP Limit	2
Shutdown	<input type="radio"/> Yes <input checked="" type="radio"/> No

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

Answer: B

NEW QUESTION 153

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
 - export-to VPN_73 VPN_50

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

Answer: A

NEW QUESTION 158

Which controller is used for provisioning and configuration in a Cisco SD-WAN solution?

- A. vBond
- B. Manage
- C. WAN Edge router
- D. vSmart

Answer: B

NEW QUESTION 161

Refer to the exhibit

```
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
```

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

Explanation:

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

NEW QUESTION 164

Which component of the Cisco SD-WAN control plane architecture facilitates the storage of certificates and configurations for network components?

- A. vSmart
- B. vBond
- C. WAN Edge
- D. vManage

Answer: D

NEW QUESTION 165

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: C

NEW QUESTION 166

Which website allows access to visualize the geography screen from vManager using the internet?

- A. *.opcnstreetmaps.org
- B. *.fullstreetmaps.org
- C. *.callstreelmaps.org
- D. *.globaistreetmaps.org

Answer: A

NEW QUESTION 167

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.

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

- **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 172

Which two REST API functions are performed for Cisco devices in an overlay network? (Choose two)

- A. distributing a Snort image among devices

- B. attaching a device configuration template
- C. managing connections for smart licensing
- D. monitoring device certificates
- E. querying a device and aggregating statistics

Answer: BD

NEW QUESTION 175

For data plane resiliency, what does the Cisco SD-WAN software implement?

- A. BFD
- B. establishing affinity between vSmart controllers and WAN Edge routers
- C. multiple vBond orchestrators
- D. OMP

Answer: A

Explanation:

NEW QUESTION 177

WAN Edge routers are configured manually to use UDP port offset to use nondefault offset values when IPsec tunnels are created. What is the offset range?

- A. 1-19
- B. 0-18
- C. 0-19
- D. 1-18

Answer: C

NEW QUESTION 180

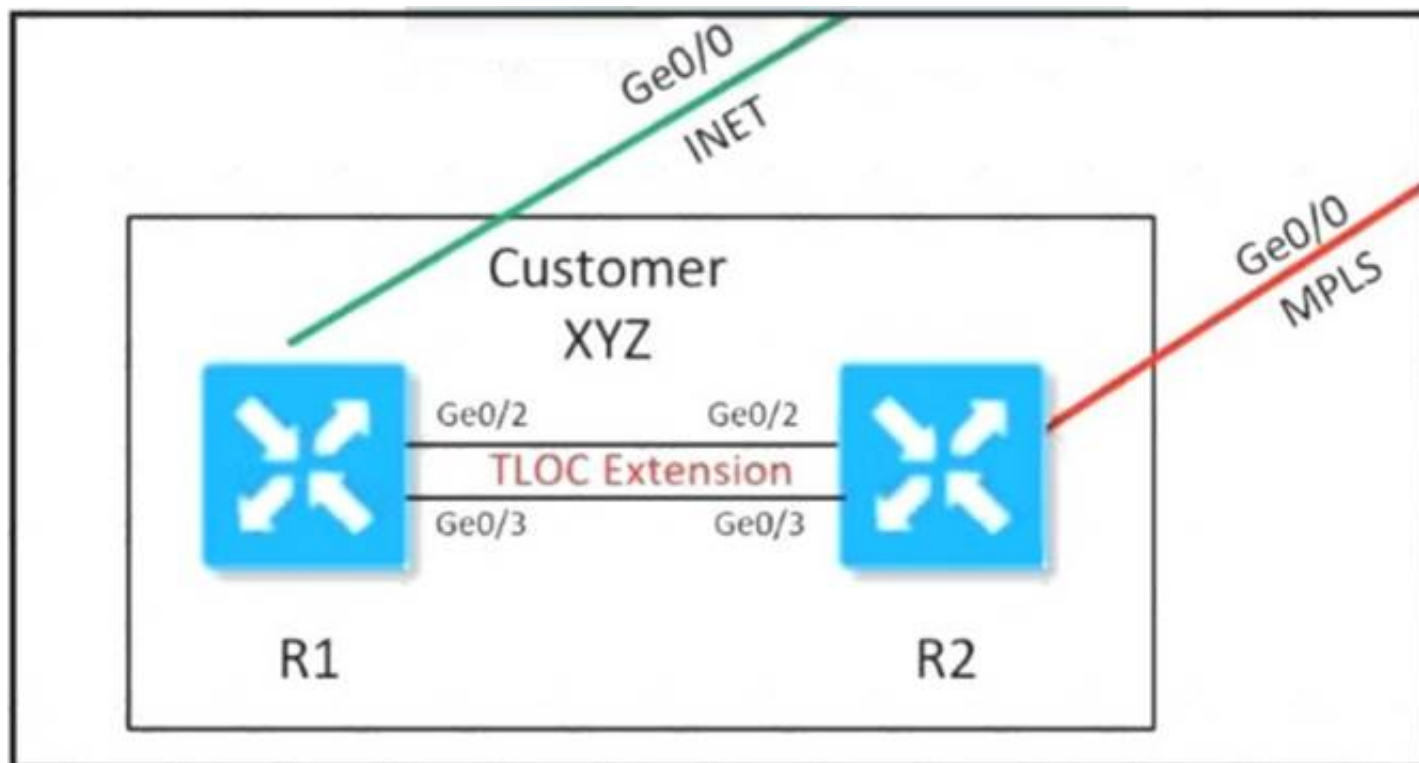
Which Cisco SD-WAN WAN Edge platform supports LTE and Wi-Fi?

- A. vEdge2000
- B. ASR1001
- C. CSR 1000v
- D. ISR 1101

Answer: D

NEW QUESTION 184

Refer to the exhibit.



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

- A.
- ```

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

```
- B.
- ```

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 34.34.34.2/30
 tloc-extension ge0/0

```
- D.
- ```

R2
interface ge0/2
 ip address 43.43.43.1/30

interface ge0/3
 ip address 34.34.34.1/30
  
```
- E.
- ```

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

```
- F.
- ```

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 ge0/2
  
```

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

Answer: A

NEW QUESTION 189

A customer must upgrade the cisco SD-WAN devices and controllers from version 19.2 to version 20.3. The devices include WAN Edge cloud, vManage, vSmart, and vBond. Which types of image types of image files are needed for this upgrade?

- A. one file for vManage and one file for all other devices with extension tar.gz
 B. one file for vManage, one for vSmart and one for vBond + WAN Edge Cloud with extension.bin
 C. one file for vManaga, one for vSmart and one for vBond + WAN Edge Cloud with extension tar.gz
 D. one file for vManaga and one file for all other devices with extension .bin

Answer: C

Explanation:

<https://software.cisco.com/download/home/286320995/type/286321394/release/20.3.3.1>

NEW QUESTION 193

Refer to the exhibit

PEER TYPE	PEER PROTOCOL	PEER SYSTEM IP	SITE ID	DOMAIN ID	PEER PRIVATE IP	PEER PRIVATE PORT	PEER PUBLIC IP	PEER PUBLIC PORT	LOCAL COLOR	STATE	LOCAL/REMOTE	REPEAT COUNT
vbond	dtls	-	0	0	1.1.10.10	12346	1.1.10.10	12346	apls	tear_down	CRTREJSEH NOERR	161
vbond	dtls	-	0	0	1.1.10.10	12346	1.1.10.10	12346	silver	tear_down	CRTREJSEH NOERR	161
vbond	dtls	-	0	0	1.2.20.20	12346	1.2.20.20	12346	apls	tear_down	CRTREJSEH NOERR	160
vbond	dtls	-	0	0	1.2.20.20	12346	1.2.20.20	12346	silver	tear_down	CRTREJSEH NOERR	160

A WAN Edge device was recently added to vManage but a control connection could not be established Which action resolves this issue?

- A. Rectify the Rod CA certificate mismatch on WAN Edge devices
- B. Install the bootstrap code on WAN Edge and check for CSR
- C. Send the serial number to vBond from the vManage controller.
- D. Resolve the ZTP reachability and rectify smart account credentials issue

Answer: C

NEW QUESTION 198

Which VPN must be present on at least one interface to install Cisco vManage and integrate it with WAN Edge devices in an overlay network site ID:S4307T7E78F29?

- A. VPN 512
- B. any VPN number selected
- C. services VPN range 0-511
- D. VPNO

Answer: D

NEW QUESTION 203

Refer to the exhibit,

```
Site 1:
vpn 10
  service FW address 1.1.1.1

On vSmart
policy
lists
  site-list firewall-sites
  site-id 1

apply-policy
  site-list firewall-sites control-policy firewall-service out
```

Which configuration routes Site 2 through the firewall in Site 1?

- ☒ control-policy firewall-service
sequence 10
match route
site-id 2
action accept
set service local
default-action accept
- ☐ On vSmart
control-policy firewall-service
sequence 10
match route
site-id 2
action accept
set
service FW vpn 10
default-action accept
- ☐ On vSmart
control-policy firewall-service
sequence 10
match route
site-id 2
action accept
set
service FW vpn 10
service local
default-action accept
- ☐ On vSmart
control-policy firewall-service
sequence 10
match route
site-id 2
action accept
set service FW vpn 10
default-action accept

A. Option A

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

Answer: D

Explanation:

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

Here is the configuration procedure:

1. On the hub router, provision the firewall service, specifying the IP address of the firewall device. With this configuration, OMP on the hub router advertises one service route to the Cisco vSmart Controller. The service route contains a number of properties that identify the location of the firewall, including the TLOC of the hub router and a service label of svc-id-1, which identifies the service type as a firewall. (As mentioned above, before advertising the route, the device ensures that the firewall's IP address can be resolved locally.)

```
vpn 10
  service FW address 1.1.1.1
```

2. On the Cisco vSmart Controller, configure a control policy that redirects data traffic traveling from Site 1 to Site 2 through the firewall. Then, also on the Cisco vSmart Controller, apply this policy to Site 1.

```
policy
  lists
    site-list firewall-sites
      site-id 1
  control-policy firewall-service
    sequence 10
      match route
        site-id 2
      action accept
      set service FW vpn 10
    default-action accept
  apply-policy
    site-list firewall-sites control-policy firewall-service out
```

NEW QUESTION 208

What is the result during a WAN Edge software upgrade process if the version of the WAN Edge software is higher than the one running on a controller device?

- A. The upgrade button is greyed out
- B. The upgrade proceeds with no warning message.
- C. The upgrade fails with a warning message
- D. The upgrade proceeds with a warning message

Answer: D

NEW QUESTION 209

Which secure tunnel type should be used to connect one WAN Edge router to other WAN Edge routers?

- A. TLS
- B. DTLS
- C. SSL VPN
- D. IPsec

Answer: D

NEW QUESTION 210

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: B

Explanation:

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.

NEW QUESTION 211

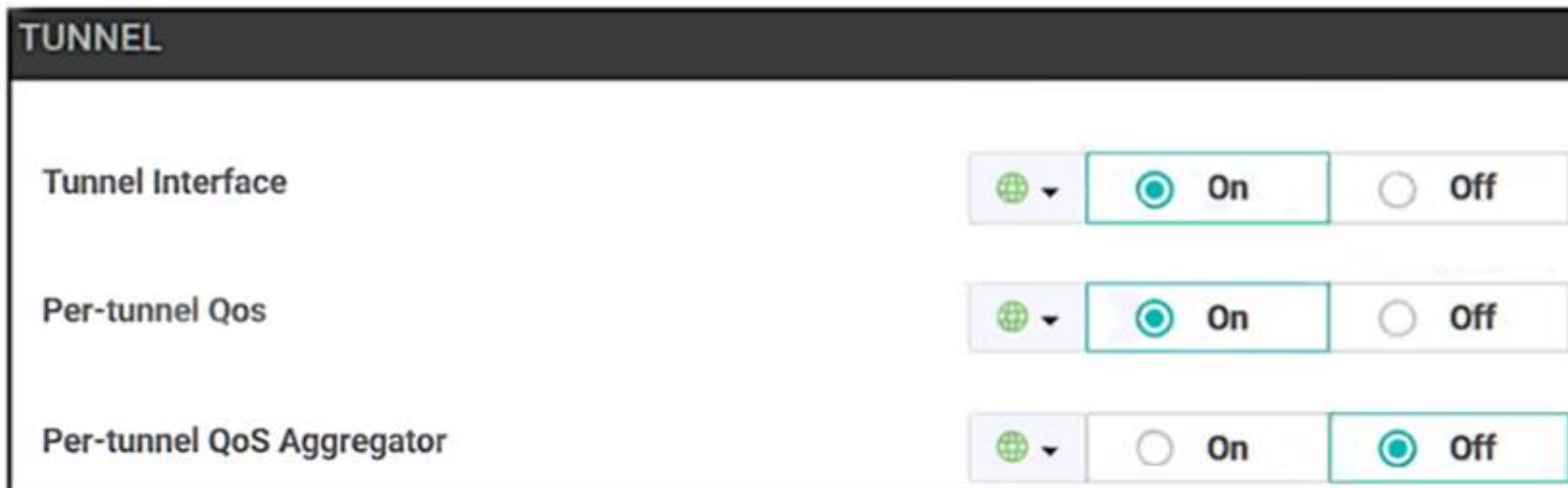
Which destination UDP port is used by WAN Edge router to make a DTLS connection with vBond Orchestrator?

- A. 12343
- B. 12345
- C. 12346
- D. 12347

Answer: C

NEW QUESTION 214

Refer to the exhibit



TUNNEL	
Tunnel Interface	<input checked="" type="radio"/> On <input type="radio"/> Off
Per-tunnel Qos	<input checked="" type="radio"/> On <input type="radio"/> Off
Per-tunnel QoS Aggregator	<input type="radio"/> On <input checked="" type="radio"/> Off

A user has selected the options while configuring a VPN Interface Ethernet feature template What is the required configuration parameter the user must set in this template for this feature to function?

- A. The "IP MTU" field must be increased from the default value of 1500 to support the additional overhead.
- B. The "Shaping Rate (Kbps)" field must be configured with a value
- C. The "Adaptive QoS" field must be set to "on"
- D. The "Bandwidth Downstream" field must be configured with a value

Answer: B

NEW QUESTION 215

What are the two functions of vSmart? (Choose two)

- A. It orchestrates connectivity between WAN Edge routers using policies to create network topology
- B. It ensures that valid WAN Edge routers can build the control pane connectivity
- C. It uses TLOCs to uniquely identify the circuit interface to control plane and data plane information
- D. It validates that the WAN Edge trying to join the overlay is authorized to join.
- E. It builds control plane connections with WAN Edge routers using ILS or ULS

Answer: DE

NEW QUESTION 216

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: B413:A88D:76G7::4
ip address 10.20.24.15/24
no shutdown
access-list acl1 out
!

```

Which configuration completes this task?

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

Answer: D

NEW QUESTION 217

Refer to the exhibit.

PEER TYPE	PEER PROTOCOL	PEER SYSTEM IP	SITE ID	DOMAIN ID	PEER PRIVATE IP	PEER PRIVATE PORT
vsmart	dtls	10.1.1.8	1	0	1.1.1.1	12447
vmanage	dtls	10.1.1.7	1	1	2.2.2.2	12647
vmanage	dtls	10.1.1.7	1	1	2.2.2.2	12867
LOCAL						
LOCAL COLOR	STATE	ERROR	ERROR	UNIT		
gold	up	LISFD	NOERR	45		
gold	up	LISFD	NOERR	70		
gold	up	LISFD	NOERR	69		





An engineer is troubleshooting a control connection issue on a WAN Edge device that shows socket errors. The packet capture shows some ICMP packets dropped between the two devices. Which action resolves the issue?

- A. Recover the vManage controller that is down m a high availability cluster
- B. Change the system IP or restart the VWN Edge 4 the system IP is changed
- C. Remove IP duplication in the network and configure a unique IP address
- D. Recover vBond or wart for the controller to reload which could be caused by a reset

Answer: C

NEW QUESTION 219

Refer to the exhibit

Address Family	 <input checked="" type="radio"/> On <input type="radio"/> Off
Address Family	 <input type="text" value="ipv4-unicast"/>
Maximum Number of Prefixes	<input checked="" type="checkbox"/> <input type="text"/>
Route Policy In	<input checked="" type="checkbox"/> <input type="radio"/> On <input checked="" type="radio"/> Off
Route Policy Out	 <input checked="" type="radio"/> On <input type="radio"/> Off
Policy Name	 <input type="text" value="eBGP_Community_Policy"/>

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?

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 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)

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

Answer: D

NEW QUESTION 223

Drag and drop the steps from the left into the sequence on the right for a WAN Edge router after powering on for zero touch provisioning.

Router contacts a DNS service.	1
Router establishes a connection to vBond.	2
Router contacts a DHCP server.	3
Router connects to the ZTP server.	4

- A. Mastered
- B. Not Mastered

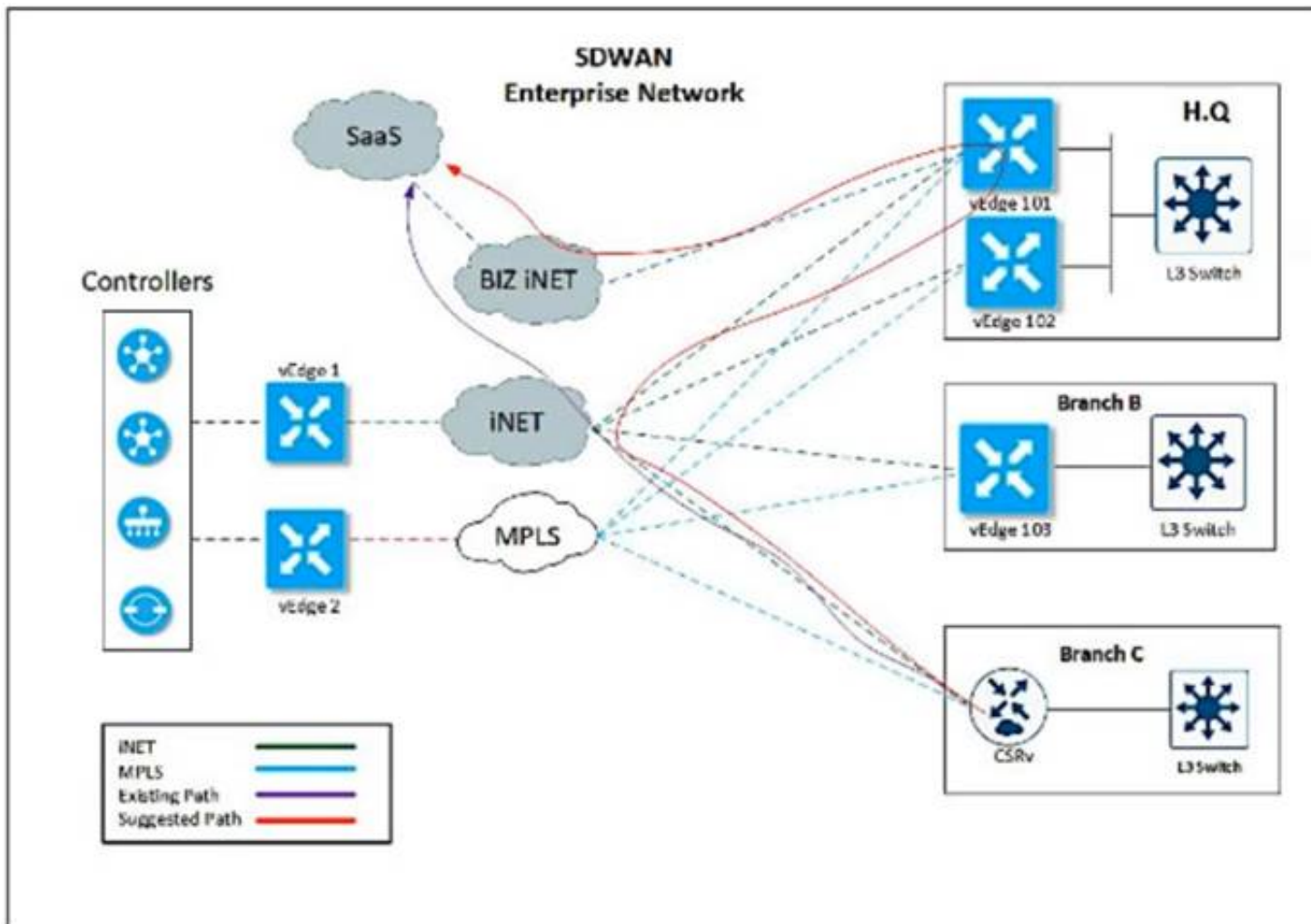
Answer: A

Explanation:

Router contacts a DNS service.	Router contacts a DHCP server.
Router establishes a connection to vBond.	Router contacts a DNS service.
Router contacts a DHCP server.	Router connects to the ZTP server.
Router connects to the ZTP server.	Router establishes a connection to vBond.

NEW QUESTION 225

Refer to the exhibit.



An enterprise decides to use the Cisco SD-WAN Cloud onRamp for SaaS feature and utilize H.Q site Biz iNET to reach SaaS Cloud for branch C. currently reaching SaaS Cloud directly. Which role must be assigned to devices at both sites in vManage Cloud Express for this solution to work?

- A. H.Q to be added as Gateway and Branch as DIA.
- B. Branch to be added as Client Sites and H.Q as DIA.
- C. Branch to be added as DIA and H.Q as Client Site.
- D. H.Q to be added as Gateway and Branch as Client Site.

Answer: B

NEW QUESTION 227

How is the software managed in Cisco SD-WAN?

- A. Software upgrade operation in the group must include vManag
- B. vBon
- C. and vSmart.
- D. Software downgrades are unsupported for vManage
- E. Software images must be uploaded to vManage through HTTP or FTP.
- F. Software images must be transferred through VPN 512 or VPN 0 of vManage.

Answer: A

NEW QUESTION 228

Which issue triggers the Cisco Umbrella resolver to toward DNS requests to the intelligent proxy? Which issue triggers the Cisco Umbrella resolver to toward DNS requests to the intelligent proxy?

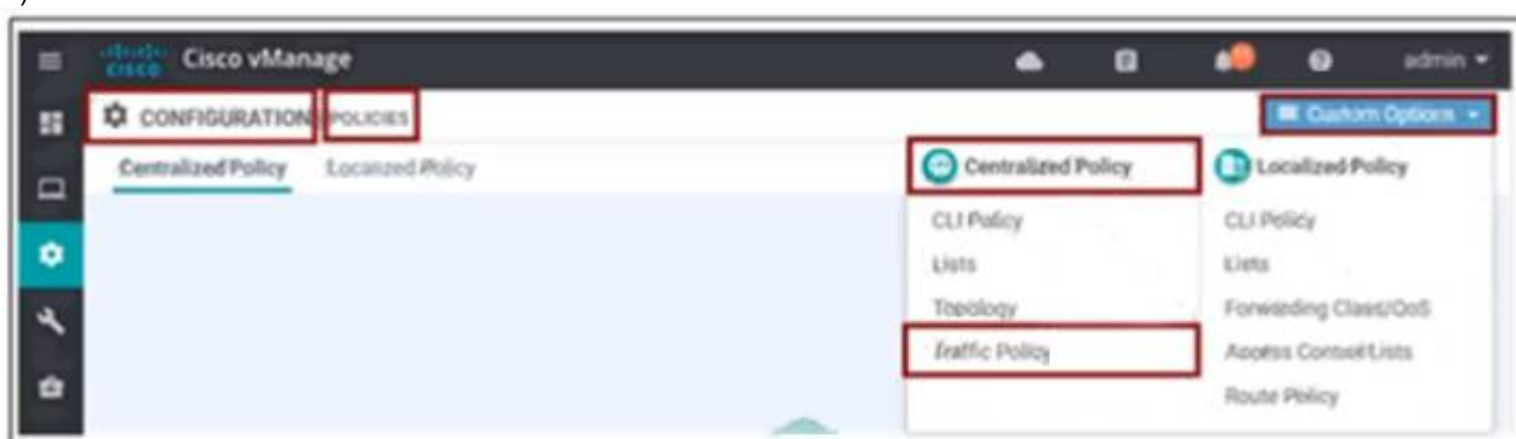
- A. A domain is nonexistent.
- B. A domain is block-listed.
- C. A domain is locally reachable.
- D. A domain is grey-listed.

Answer: D

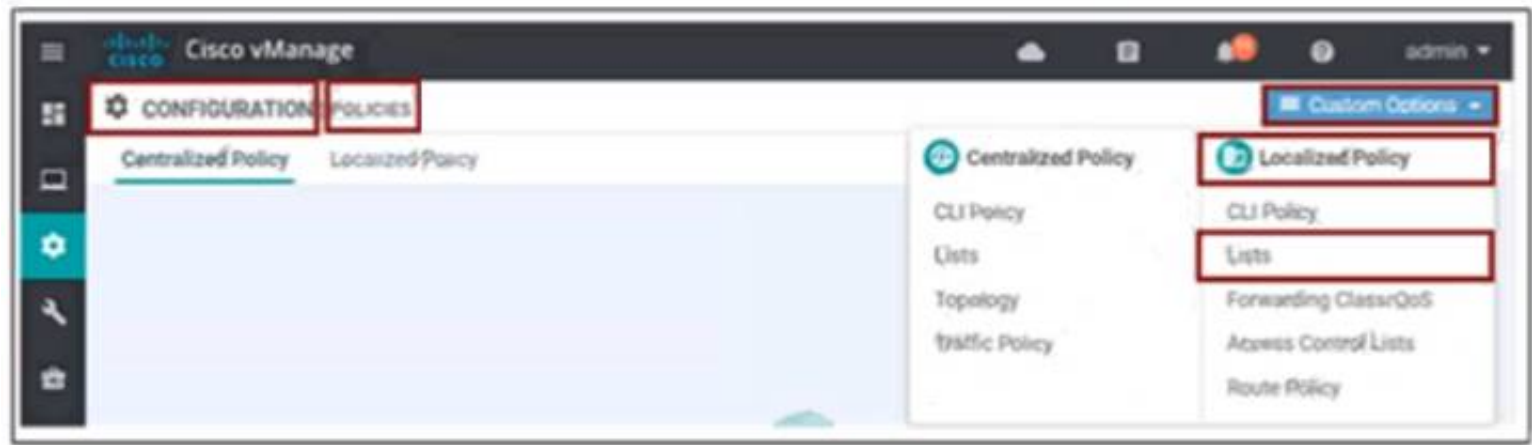
NEW QUESTION 233

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

Answer: D

NEW QUESTION 237

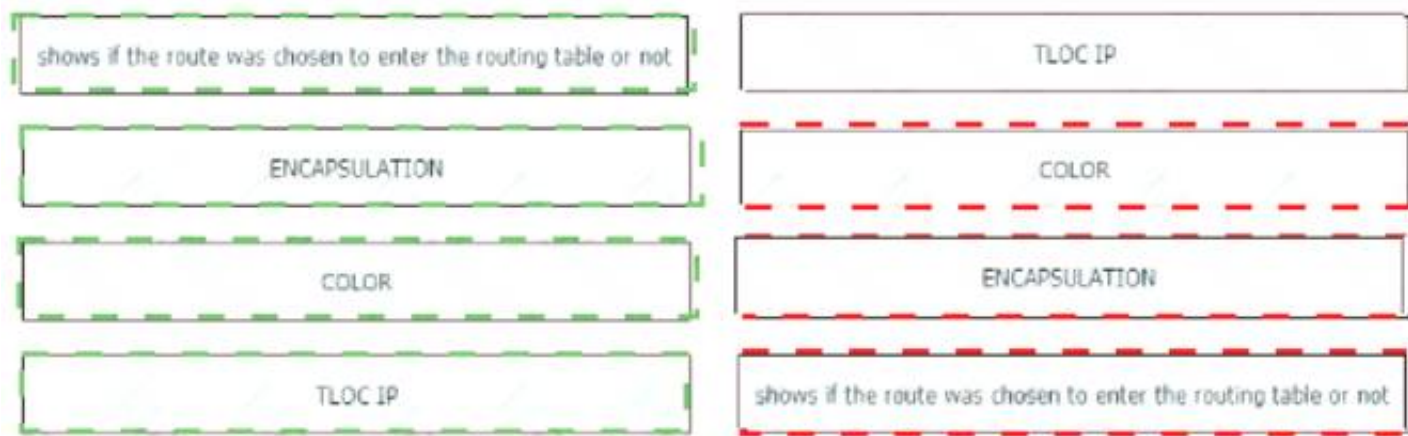
Drag and drop the route verification output from show omp tllocs from the left onto the correct explanations on the right.

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:



NEW QUESTION 242

Which multicast component is irrelevant when defining a multicast replicator outside the local network without any multicast sources or receivers?

- A. PIM interfaces
- B. TLOC
- C. overlay BFD
- D. OMP

Answer: A

NEW QUESTION 247

A WAN Edge device has several service VPNs with no routing protocol configured in the service VPNs The device must be configured so that all connected routes are visible in OMP for VPN 10 Which configuration meets the requirement?

A)

```
vpn 10
name "Service VPN 10"
omp
 redistribute connected
```

B)

```
omp
no shutdown
 graceful-restart
 advertise connected
```

C)

```
omp
no shutdown
 graceful-restart
 redistribute connected
```

D)

```
vpn 10
name "Service VPN 10"
omp
 advertise connected
```

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

Answer: D

NEW QUESTION 249

Drag and drop the definitions from the left to the configuration on the right.

matching condition that allows traffic flow between two zones	destination zone
grouping of VPNs where the data traffic flows originate	firewall policy
container that associates forwarding and blocking decisions	source zone
grouping of VPNs where the data traffic flows terminate	zone pair

- A. Mastered
 B. Not Mastered

Answer: A

Explanation:

- **Source zone**—A grouping of VPNs where the data traffic flows originate.
- **Destination zone**—A grouping of VPNs where the data traffic flows terminate. A VPN can be part of only one zone
- **Zone-based firewall policy**—A data policy, similar to a localized data policy, that defines the conditions that the data traffic flow from the source zone must match to allow the flow to continue to the destination zone. Zone-based firewalls can match IP prefixes, IP ports, and protocols TCP, UDP, and ICMP. Matching flows can be accepted or dropped, and the packet headers can be logged. Nonmatching flows are dropped by default.
- **Zone pair**—A container that associates a source zone with a destination zone and that applies a zone-based firewall policy to the traffic that flows between zones.

Service Chaining

Traffic Flow Monitoring with Cflow

NEW QUESTION 254

Which device information is required on PNP/ZTP to support the zero-touch onboarding process?

- A. serial and chassis numbers
 B. interface IP address
 C. public DNS entry
 D. system IP address

Answer: A

Explanation:

<https://www.cisco.com/c/dam/en/us/td/docs/solutions/CVD/SDWAN/sd-wan-wan-edge-onboarding-deploy-guid>

NEW QUESTION 255

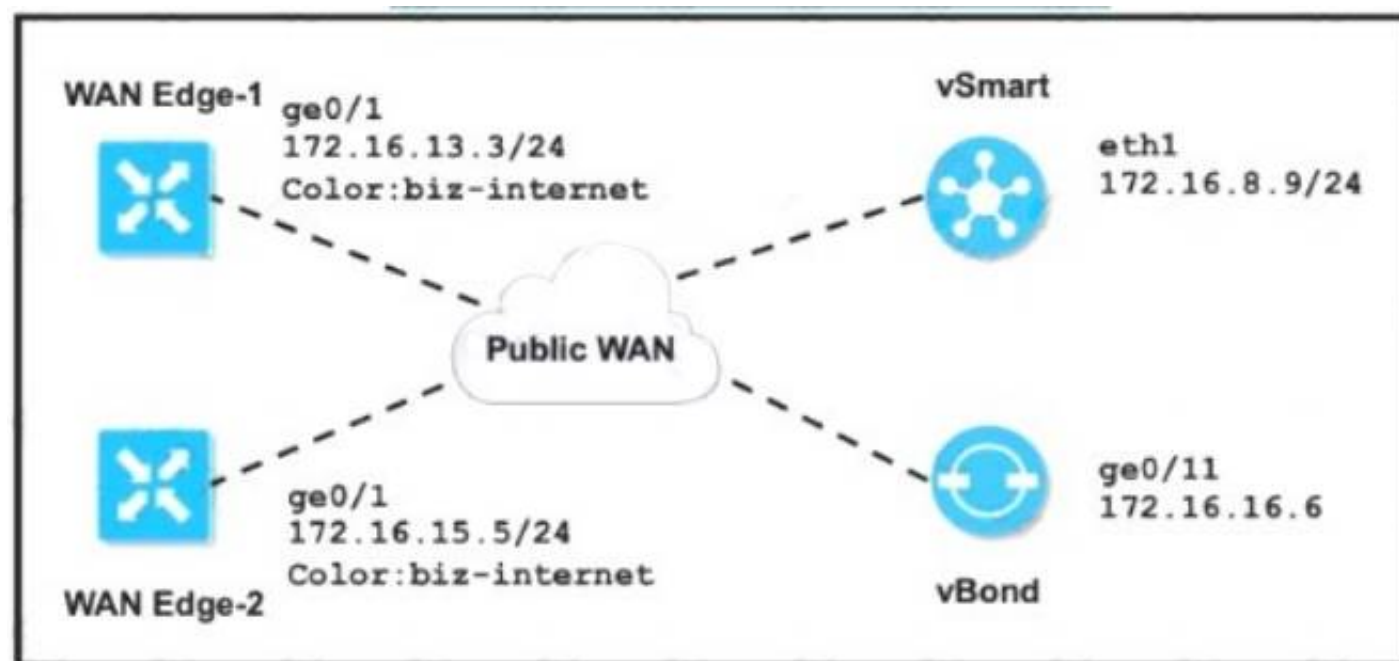
What is the procedure to upgrade all Cisco SD-WAN devices to a recent version?

- A. The upgrade is performed for a group of WAN Edge devices first to ensure data-plane availability when other controllers are updated.
 B. The upgrade is performed first on vManage, then on WAN Edge devices, then on vBond and finally on vSmart. The reboot must start from WAN Edge devices.
 C. Upgrade and reboot are performed first on vManage then on vBond then on vSmart and finally on the Cisco WAN Edge devices.
 D. and finally on the Cisco WAN Edge devices.
 E. Upgrade and reboot are performed first on vBond then on vSmart and finally on the Cisco WAN Edge devices.
 F. then on vSmart and finally on the Cisco WAN Edge devices.
 G. and finally on the Cisco WAN Edge devices.

Answer: C

NEW QUESTION 256

Refer to the exhibit.



The tunnel interface configuration on both WAN Edge routers is:

```

vpn 0
interface ge0/1
tunnel-interface
encapsulation ipsec
color biz-internet
allow-service dhcp
allow-service dns
allow-service icmp
no allow-service sshd
no allow-service ntp
no allow-service stun
!
no shutdown
  
```

Which configuration for WAN Edge routers will connect to the Internet?

- ☐ vpn 0
interface ge0/1
ip address 172.16.15.5/24
!
ip route 0.0.0.0/0 172.16.13.1
- ☐ vpn 0
interface ge0/1
ip address 172.16.13.3/24
!
ip route 0.0.0.0/0 172.16.13.1
- ☐ vpn 0
interface ge0/1
ip address 172.16.13.3/24
!
ip route 0.0.0.0/0 172.16.8.1
- ☐ vpn 0
interface ge0/1
ip address 172.16.15.5/24
!
ip route 0.0.0.0/0 172.16.8.1

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

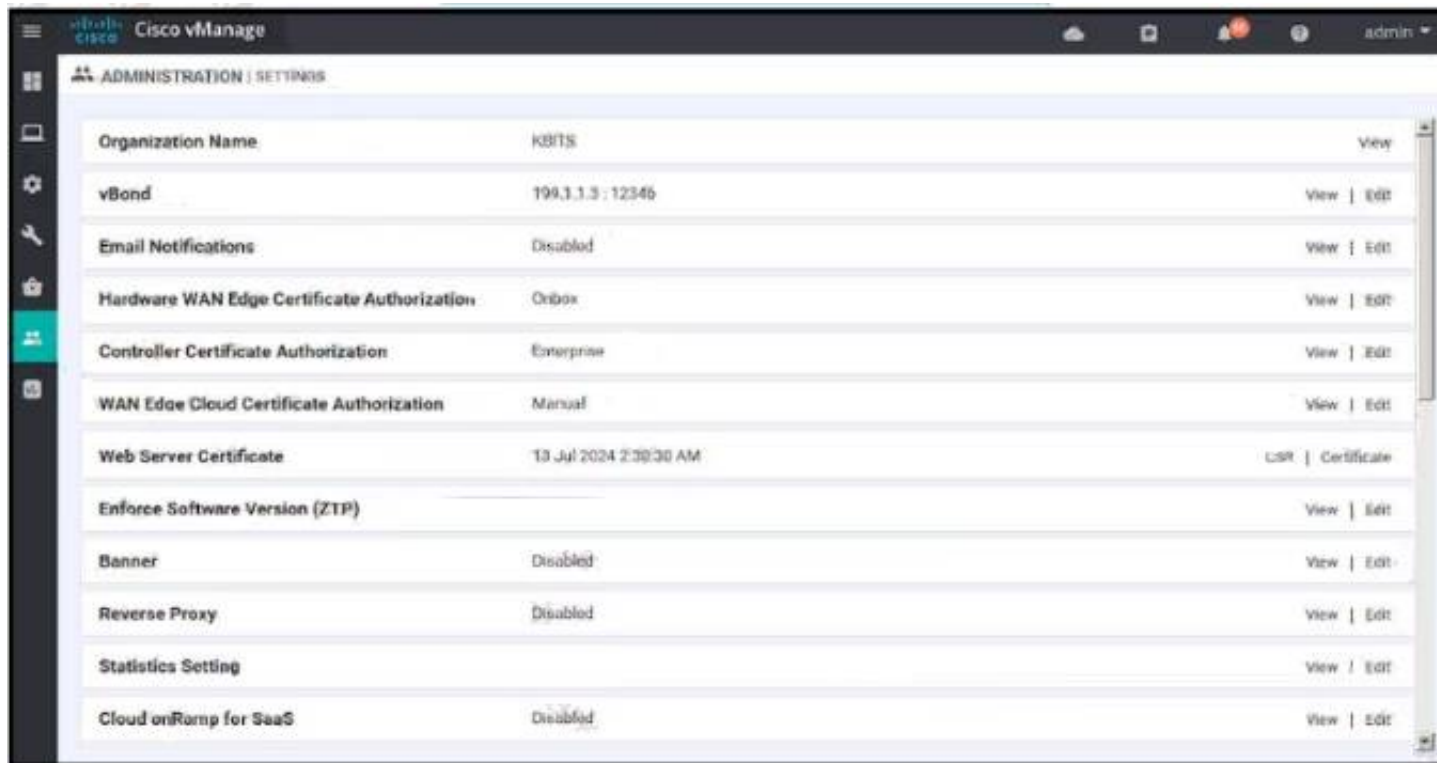
Answer: B

Explanation:

https://sdwan-docs.cisco.com/Product_Documentation/Software_Features/SD-WAN_Release_16.3/02System_a

NEW QUESTION 260

Refer to the exhibit.



Which two configurations are needed to get the WAN Edges registered with the controllers when certificates are used? (Choose two)

- A. Generate a CSR manually within vManage server
- B. Generate a CSR manually on the WAN Edge
- C. Request a certificate manually from the Enterprise CA server
- D. Install the certificate received from the CA server manually on the WAN Edge
- E. Install the certificate received from the CA server manually on the vManage

Answer: AE

Explanation:

<https://www.cisco.com/c/dam/en/us/td/docs/solutions/CVD/SDWAN/cisco-sd-wan-certificates-deploy-2020aug>.

NEW QUESTION 264

Which device should be configured with the service chain IP address to route intersite traffic through a firewall?

- A. vSmart
- B. firewall
- C. spoke WAN Edge
- D. hub WAREdge

Answer: A

NEW QUESTION 269

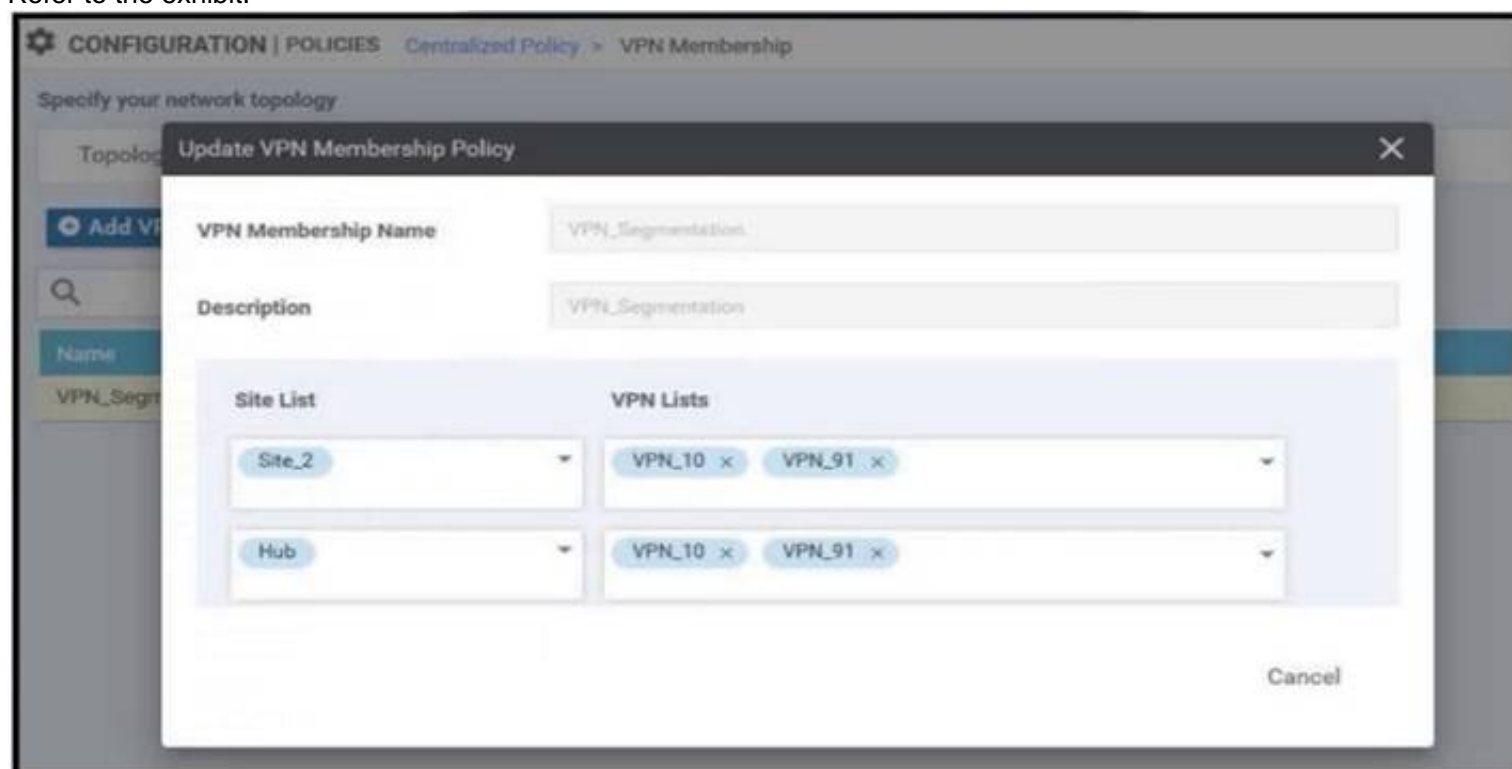
Which SD-WAN component is configured to enforce a policy to redirect branch-to-branch traffic toward a network service such as a firewall or IPS?

- A. vBond
- B. WAN Edge
- C. vSmart
- D. Firewall

Answer: C

NEW QUESTION 271

Refer to the exhibit.



An enterprise has hub and spoke topology where it has several VPNs. An engineer must allow users in VPN91 to reach users in VPN92 and VPN10 to reach VPN91 and VPN92. Which configuration meets these requirements?

A)

Route

Sequence Rule

Drag and drop to re-arrange rules

1

Match Conditions

VPN List: VPN_91

VPN Id

Actions

Accept

Export To: VPN_92

2

Match Condition

VPN List: VPN_92

VPN Id

Actions

Accept

Export To: VPN_91

3

Match Condition

VPN List: VPN_91_and_VPN_92

VPN Id

Actions

Accept

Export To: VPN_10

B)

Route

Sequence Rule

Drag and drop to re-arrange rules

1

Match Conditions

VPN List: VPN_10

VPN Id

Actions

Accept

Export To: VPN_91_and_VPN_92

2

Match Conditions

VPN List: All_9X_VPNs

VPN Id

Actions

Accept

Export To: All_9X_VPNs

3

Match Conditions

VPN List: VPN_91_and_VPN_92

VPN Id

Actions

Accept

Export To: VPN_10

C)

Route

Sequence Rule

Drag and drop to re-arrange rules

1

Match Conditions

VPN List: VPN_10

VPN Id

Actions

Accept

Export To: VPN_91_and_VPN_92

2

Match Conditions

VPN List: VPN_91_and_VPN_92

VPN Id

Actions

Accept

Export To: VPN_91_and_VPN_92

3

Match Conditions

VPN List: VPN_91_and_VPN_92

VPN Id

Actions

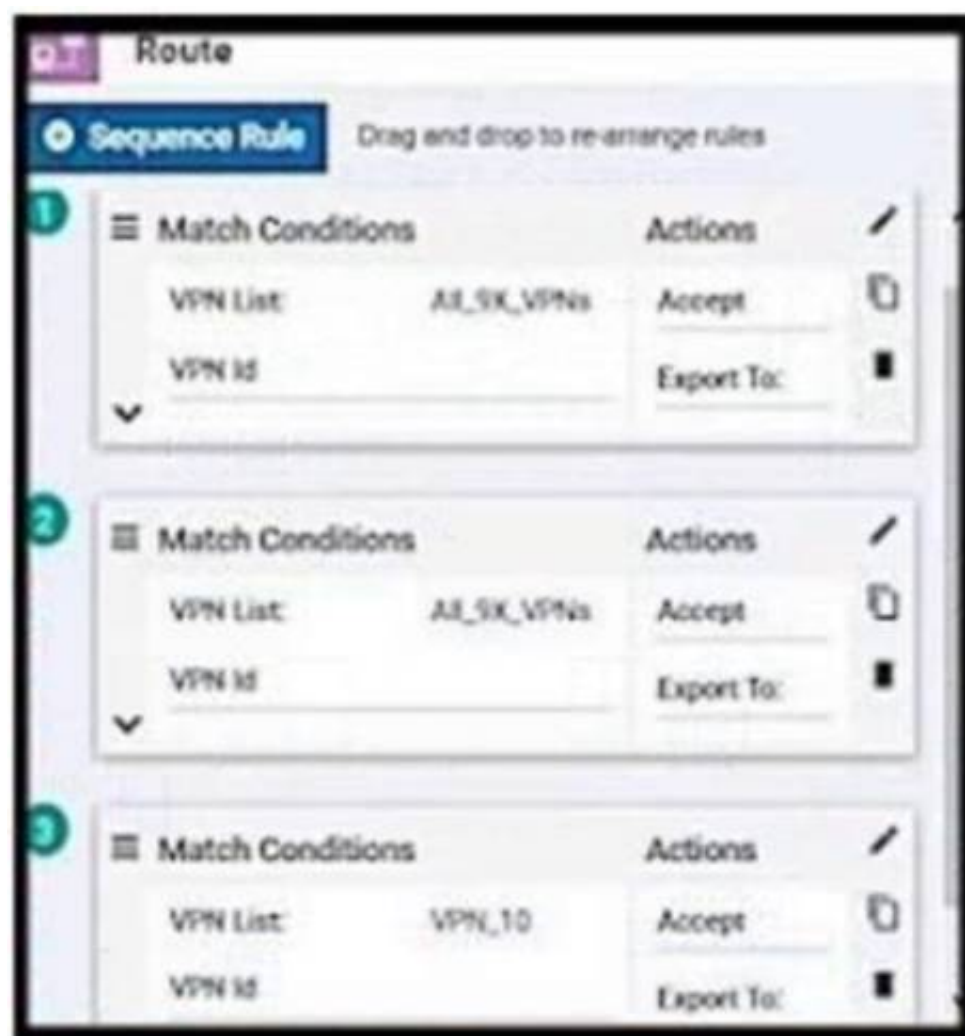
Accept

Export To: VPN_10

D)

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

Answer: C

NEW QUESTION 272

What is the order of operations for software upgrades of Cisco SD-WAN nodes'?

- A. vBond vManage vSmart WAN Edge
- B. vManage vBond WAN Edg
- C. vSmart
- D. vManage vSmart, vBond, WAN Edge
- E. vManage vBond vSraart WAN Edge

Answer: D

NEW QUESTION 275

Which type of lists are used to group related items via an application-aware routing policy under the policy lists command hierarchy on vSmart controllers?

- A. data prefix, sh
- B. and VPN
- C. OSCP value, application, and VPN
- D. data prefix, application, and SLA class
- E. DSCP value, site, and VPN

Answer: C

NEW QUESTION 278

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