



300-415^{Q&As}

Implementing Cisco SD-WAN Solutions (ENSDWI)

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QUESTION 1

How is the software managed in Cisco SD-WAN?

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

Correct Answer: A

QUESTION 2

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. Policy access-list QoS sequence 1 match

```
destination-ip 10.0.0.0/8
```

```
!
```

```
action accept
```

```
class p1
```

C. Policy

```
qos-scheduler QOS
```

```
class p1
```

```
bandwidth-percent 20
```

```
buffer-percent 20
```

```
drops red-drop
```

D. qos-map Q_Map qos-scheduler p1

Correct Answer: A



Reference: <https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/qos/ios-xe-17/qos-book-xe/forwarding-qos.html>

QUESTION 3

Company E wants to deploy Cisco SD-WAN with controllers in AWS. The company's existing WAN is on private MPLS without Internet access to controllers in AWS. An Internet circuit is added to a site in addition to the existing MPLS circuit. Which interface template establishes BFD neighbors over both transports?



A.

TUNNEL

Tunnel Interface ☒ On ☐ Off

Color ☒ High

Restrict ☐ On ☒ Off

Groups

Border ☐ On ☒ Off

Control Connection ☒ On ☐ Off

Maximum Control Connections

vBond As Stun Server ☐ On ☒ Off

Exclude Controller Group List

vManage Connection Preference

Port Hop ☒ On ☐ Off

Low-Bandwidth Link ☐ On ☒ Off

B.

TUNNEL

Tunnel Interface ☒ On ☐ Off

Color ☒ High

Restrict ☒ On ☐ Off

Groups

Border ☐ On ☒ Off

Control Connection ☒ On ☐ Off

Maximum Control Connections

vBond As Stun Server ☐ On ☒ Off

Exclude Controller Group List

vManage Connection Preference

Port Hop ☒ On ☐ Off

Low-Bandwidth Link ☐ On ☒ Off

C.

TUNNEL

Tunnel Interface ☒ On ☐ Off

Color ☒ High

Restrict ☐ On ☒ Off

Groups

Border ☐ On ☒ Off

Control Connection ☒ On ☐ Off

Maximum Control Connections

vBond As Stun Server ☐ On ☒ Off

Exclude Controller Group List

vManage Connection Preference

Port Hop ☒ On ☐ Off

Low-Bandwidth Link ☐ On ☒ Off



A. Option A

B. Option B

C. Option C

Correct Answer: A

QUESTION 4

An engineer is configuring a data policy for packets that must be captured through the policy. Which command accomplishes this task?

A. policy > data-policy > vpn-list > sequence > default-action > drop

B. policy > data-policy > vpn-list > sequence > action

C. policy > data-policy > vpn-list > sequence > default-action > accept

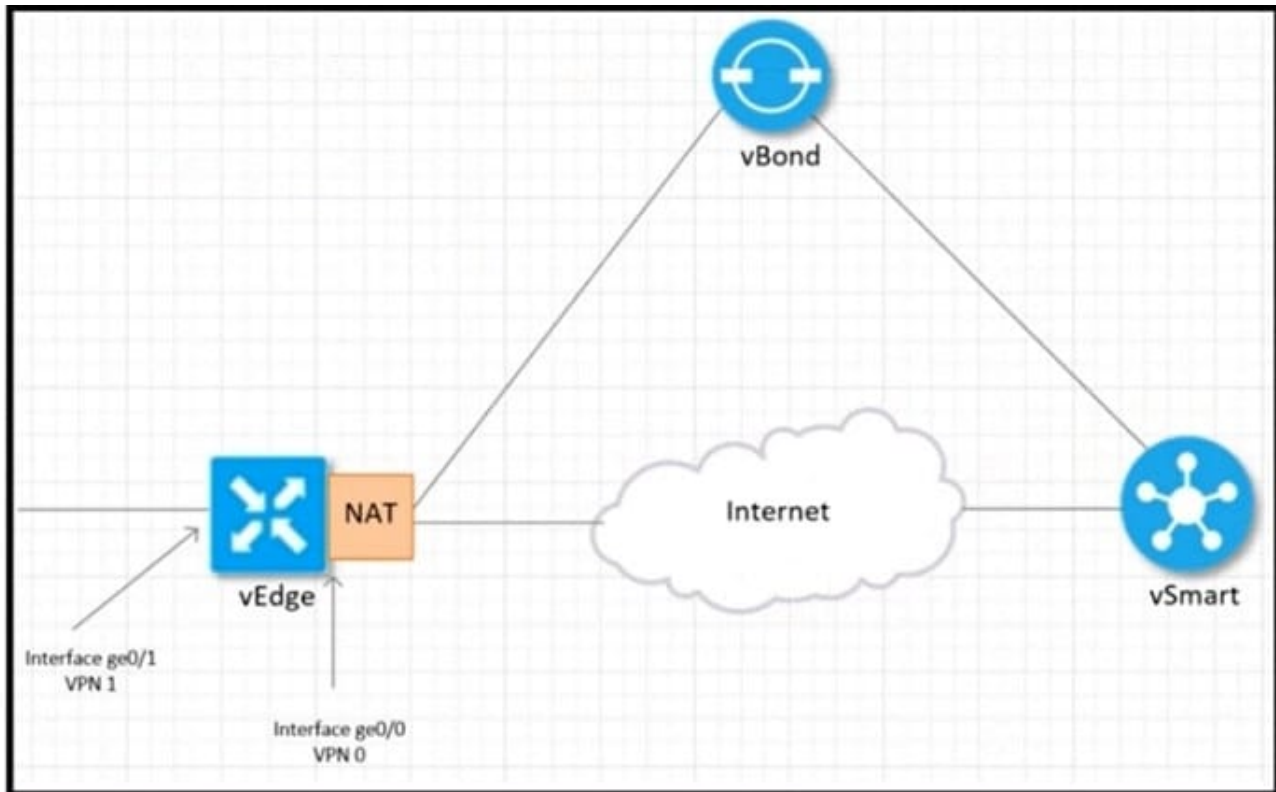
D. policy > data-policy > vpn-list > sequence > match

Correct Answer: B

<https://www.cisco.com/c/dam/en/us/td/docs/routers/sdwan/configuration/config-18-4.pdf#page=357>

QUESTION 5

Refer to the exhibit.



Which configuration sets up direct Internet access for VPN 1?



- A. **vpn 1**
no shutdown
...
vpn 0
...
ip route 0.0.0.0 vpn 1
- B. **vpn 0**
.....
interface ge0/0
nat
!
no shutdown
...
vpn 1
...
ip route 0.0.0.0/0 vpn 0
- C. **vpn 1**
.....
interface ge0/1
...
nat
!
no shutdown
...
vpn 0
...
ip route 0.0.0.0/0 vpn 1
- D. **vpn 0**
.....
interface ge0/1
...
ip nat
!
no shutdown
...
vpn 1
...
ip route 0.0.0.0/0 vpn 0

A. Option A

B. Option B

C. Option C



D. Option D

Correct Answer: B

From the link:

"Enable NAT in the transport VPN (VPN 0) on the WAN-transport-facing interface, which here is ge0/0. All traffic exiting from the Cisco vEdge device, going either to other overlay network sites or to a public network, passes through this interface.

To direct data traffic from other VPNs to exit from the Cisco vEdge device directly to a public network, enable NAT in those VPNs or ensure that those VPNs have a route to VPN 0."

In this example,

Transports VPN = 0

WAN-Transport-facing Interface = g0/0

so vpn 0 interface ge0/0 nat, then vpn 1 with a quad-0 destined for VPN0 must be correct.

Reference: <https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/policies/vedge/policies-book/vEdge-as-NAT-device.html>

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