300-415^{Q&As}

Implementing Cisco SD-WAN Solutions (ENSDWI)

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QUESTION 1

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?

A.
```
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
```

B.
```
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 public-internet restrict
   encapsulation ipsec
```

C.
```
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
```

D.
```
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
```
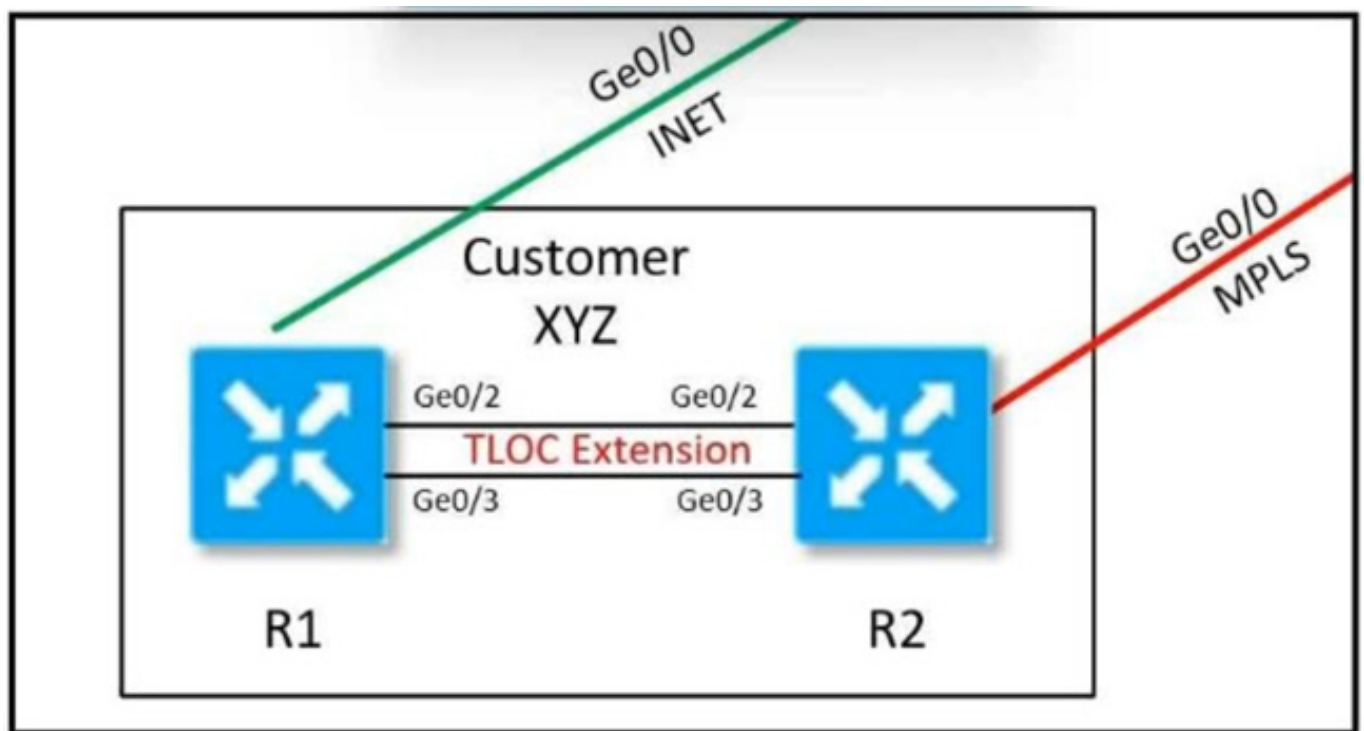
A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

QUESTION 2

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 interlaces 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

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
```

B.

```
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
```

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

R2
interface ge0/2
  ip address 43.43.43.1/30

interface ge0/3
  ip address 34.34.34.1/30
```

D.

```
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 ge0/2
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

QUESTION 3

A Cisco SD-WAN customer has a requirement to calculate the SHA value for files as they pass through the device to see the returned disposition and determine if the file is good, unknown, or malicious. The customer also wants to perform real-time traffic analysis and generate alerts when threats are detected. Which two Cisco SD-WAN solutions meet the requirements? (Choose two.)

A. Cisco Threat Grid

B. Cisco Trust Anchor Module

C. Cisco AMP

D. Cisco Secure Endpoint

E. Cisco Snort IPS

Correct Answer: CE

QUESTION 4

Which set of platforms must be in separate VMs as of release 16.1?

A. vManage and vSmart

B. vSmart and WAN Edge

C. vBond and vSmart

D. WAN Edge and vBond

Correct Answer: C

QUESTION 5

A vEdge platform is sending VRRP advertisement messages every 10 seconds. Which value configures the router back to the default timer?

A. 2 seconds

B. 5 seconds

C. 1 second

D. 3 seconds

Correct Answer: C

Reference: https://sdwan-docs.cisco.com/Product_Documentation/vManage_Help/Release_18.3/Configuration/Templates/VPN_Interface_Ethernet