



300-415^{Q&As}

Implementing Cisco SD-WAN Solutions (ENSDWI)

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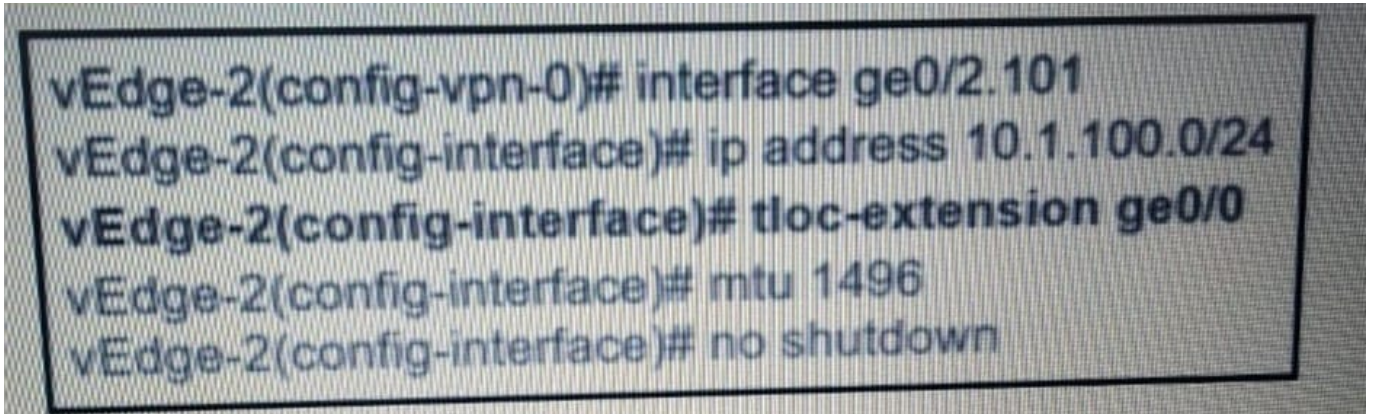




QUESTION 1

Refer to the exhibit.

```
vEdge-2(config-vpn-0)#interface ge0/2.101vEdge-2(config-interface)#ip address 10.1.100.0/24vEdge-2(config-interface)#tloc-extension ge0/0vEdge-2(config-interface)#mtu 1496vEdge-2(config-interface)#no shutdown
```



What binding is created using the tloc-extension command?

- A. between ge0/2.101 of port-type transport and ge0/0 of port-type service
- B. between ge0/2.101 of port-type service and ge0/0 of port-type service
- C. between ge0/2.101 of port-type service and ge0/0 of port-type transport
- D. between ge0/2.101 of port-type transport and ge0/0 of port-type transport

Correct Answer: D

QUESTION 2

PEER PRIVATE IP	PEER PRIVATE PORT	PEER PUBLIC IP	PEER PUBLIC PORT	REMOTE COLOR	STATE	LOCAL ERROR
10.0.2.73	23456	10.0.2.73	23456	default	trying	DCONFALL

Refer to the exhibit. Cisco SD-WAN is deployed with controllers hosted in a data center. All branches have WAN Edge devices with dual connections to the data center: one via Internet and the other using MPLS. Three branches out of 20 have issues with their control connections on MPLS circuit. The local error refers to Control Connection Failure. Which action resolves the issue?

- A. Update the system IP on vManage and then resend it to the controllers.



- B. Rectify any issues with the underlay routing configuration.
- C. Match the TLOC color on the controllers and all WAN Edge devices.
- D. Math certificates for the DTLS connection and Root CA must be installed first on WAN Edge devices.

Correct Answer: B

QUESTION 3

Refer to the exhibit.

```
policy
lists
!
  tloc-list dc-preference-east
  tloc 100.100.100.100 color mpls
encap ipsec preference 200
  tloc 101.101.101.101 color mpls
encap ipsec preference 400
!
site-list sites-region-west
site-id 1-20
!
site-list sites-region-east
site-id 21-40
!
site-list dc-sites
site-id 100-101

control-policy adv-dc-preference-west
sequence 10
match route
site-list dc-sites
!
action accept
set
  tloc-list dc-preference-east
!

!
  default-action accept
!
control-policy adv-dc-preference-east
sequence 10
match route
site-list dc-sites
!
action accept
set
  tloc-list dc-preference-east
!

!
  default-action accept
!

!
apply-policy
site-list sites-region-west
control-policy adv-dc-preference-west
out
!
site-list sites-region-east
control-policy adv-dc-preference-east
out
!
!
```



A customer wants to implement primary and secondary Cisco SD-WAN overlay routing for prefixes that are advertised for both data centers. The east data center (TLOC 101.101.101.101) is primary for east sites, and the west data center (TLOC 100.100.100.100) is primary for west sites. Which configuration change achieves this objective?



A.

```
lists
  tloc-list dc-preference-west
  tloc 100.100.100.100 color mpls encap ipsec preference 400
  tloc 101.101.101.101 color mpls encap ipsec preference 200

control-policy adv-dc-preference-west
  sequence 10
  match route
    site-list dc-sites
  !
  action accept
  set
    tloc-list dc-preference-west
  !
  !
  !
default-action accept
```

B.

```
lists
  tloc-list dc-preference-west
  tloc 100.100.100.100 color mpls encap ipsec preference 200
  tloc 101.101.101.101 color mpls encap ipsec preference 400

control-policy adv-dc-preference-west
  sequence 10
  match route
    site-list dc-sites
  !
  action accept
  set
    tloc-list dc-preference-west
  !
  !
  !
default-action accept
```

C.

```
tloc-list dc-preference-east
  tloc 100.100.100.100 color mpls encap ipsec preference 400
  tloc 101.101.101.101 color mpls encap ipsec preference 200
```

D.

```
control-policy adv-dc-preference-west
  sequence 10
  match route
    site-list dc-sites
  !
  action accept
  set
    tloc-list dc-preference-west
  !
  !
  !
default-action accept
```

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

Correct Answer: A
Explanation

Explanation/Reference:
Preference 400 is preferred over 200



Preference 400 is preferred over 200

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

Correct Answer: A

QUESTION 4

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

The screenshot shows the Network Monitor interface for a WAN Tunnel on a vEdge Cloud device. The left sidebar lists various monitoring categories, with 'WAN' selected. The main area displays 'Tunnel Endpoints' for a 'public-internet' tunnel. The table below shows the configuration details for the tunnels.

Tunnel Endpoints	Protocol	State	Jitter (ms)	Loss (%)	FEC Loss
public-internet	--	--	--	--	--
<input checked="" type="checkbox"/> vEdge1:public-internet-vEdge2:public-internet	IPSEC	↑	--	--	--
<input checked="" type="checkbox"/> vEdge1:public-internet-vEdge3:public-internet	IPSEC	↑	--	--	--
<input checked="" type="checkbox"/> vEdge1:public-internet-vEdge4:public-internet	IPSEC	↑	--	--	--
<input checked="" type="checkbox"/> vEdge1:public-internet-vEdge5:public-internet	IPSEC	↑	--	--	--

- A. 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
- B. 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



- C. **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**
- 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

Correct Answer: C


QUESTION 5

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. 


CONFIGURATION | POLICIES [Localized Policy](#) > Route Policy

+ Add Route Policy (Add and Configure a Route Policy)
- B. 

CONFIGURATION | POLICIES [Centralized Policy](#) > Application Aware Routing Policy

Choose a tab and add Traffic rules under the selected type


[Application Aware Routing](#) Traffic Data Cflowd

+ Add Policy (Create an application-aware routing policy)
- C. 


CONFIGURATION | POLICIES [Localized Policy](#) > Forwarding Class/QoS

Add and Configure a QoS Map

[QoS Map](#) Policy Rewrite

+ Add QoS Map (Add and Configure QoS Map)
- D. 

CONFIGURATION | POLICIES [Localized Policy](#) > Access Control List Policy

+ Add Access Control List Policy **+ Add Device Access Policy**
- E. 

CONFIGURATION | POLICIES [Centralized Policy](#) > Data Policy

Choose a tab and add Traffic rules under the selected type

Application Aware Routing [Traffic Data](#) Cflowd

+ Add Policy (Create a data policy)

A. Option A

B. Option B



C. Option C

D. Option D

E. Option E

Correct Answer: CD

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