

## Exam Questions 300-415

Implementing Cisco SD-WAN Solutions (ENSDWI)

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#### NEW QUESTION 1

An engineer is troubleshooting a vEdge router and identifies a “DCONFAIL – DTLS connection failure” message. What is the problem?

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

**Answer: D**

#### NEW QUESTION 2

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**

#### NEW QUESTION 3

Which configuration step is taken on vManage after WAN Edge list is uploaded to support the on-boarding process before the device comes online?

- A. Verify the device certificate
- B. Enable the ZTP process
- C. Set the device as valid
- D. Send the list to controllers

**Answer: C**

#### NEW QUESTION 4

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

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

**Answer: A**

#### NEW QUESTION 5

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**

#### NEW QUESTION 6

Which feature template configures OMP?

- A.
- | Section             | Parameter                             | Type   | Variable/value |
|---------------------|---------------------------------------|--------|----------------|
| Basic configuration | Number of paths advertised per prefix | Global | 16             |
|                     | Radio                                 | Global | Off            |
|                     | Static                                | Global | Off            |
- B.
- | Section | Parameter           | Type   | Variable/value |
|---------|---------------------|--------|----------------|
| Server  | Hostname/IP Address | Global | 10.4.48.13     |
|         | VPN ID              | Global | 1              |
|         | Source interface    | Global | loopback0      |
- C.

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

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

Answer: A

#### NEW QUESTION 7

Refer to the exhibit. Which configuration change is needed to configure the tloc-extension on Branch1-Edge1? A.

- 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 10.113.4.2/30  
mtu 1496  
tloc-extension ge0/2
- D. 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

Answer: D

#### NEW QUESTION 8

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. vSmart  
C. WAN Edge  
D. Firewall

Answer: B

#### NEW QUESTION 9

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

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

**Answer:** A

#### NEW QUESTION 10

A voice packet requires a latency of 50 msec. Which policy is configured to ensure that a voice packet is always sent on the link with less than a 50 msec delay?

- A. localized data
- B. centralized control
- C. localized control
- D. centralized data

**Answer:** A

#### NEW QUESTION 10

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

- A. certificates
- B. transport locations
- C. authentication headers
- D. encapsulation security payload
- E. TPM chip

**Answer:** BD

#### NEW QUESTION 15

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

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

**Answer:** A

#### NEW QUESTION 20

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

- A. Critical
- B. Medium
- C. Major
- D. Minor

**Answer:** C

#### NEW QUESTION 25

Which API call retrieves a list of all devices in the network?

- A. [https://vmanage\\_IP\\_address/dataservice/system/device/{{model}}](https://vmanage_IP_address/dataservice/system/device/{{model}})
- B. [http://vmanage\\_IP\\_address/dataservice/system/device/{{model}}](http://vmanage_IP_address/dataservice/system/device/{{model}})
- C. [http://vmanage\\_IP\\_address/api-call/system/device/{{model}}](http://vmanage_IP_address/api-call/system/device/{{model}})
- D. [https://vmanage\\_IP\\_address/api-call/system/device/{{model}}](https://vmanage_IP_address/api-call/system/device/{{model}})

**Answer:** A

#### NEW QUESTION 26

DRAG DROP

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

Select and Place:

- A. Mastered
- B. Not Mastered

**Answer:** A

#### NEW QUESTION 29

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