

## 300-415 Dumps

### Implementing Cisco SD-WAN Solutions (ENSDWI)

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**NEW QUESTION 1**

Which component of the Cisco SD-WAN architecture oversees the control plane of overlay network to establish, adjust, and maintain the connections that form the Cisco SD-WAN fabric?

- A. APIC-EM
- B. vSmart
- C. vManage
- D. vBond

**Answer:** B

**NEW QUESTION 2**

What is a default protocol for control plane connection?

- A. HTTPS
- B. TLS
- C. IPsec
- D. DTLS

**Answer:** D

**NEW QUESTION 3**

DRAG DROP

Drag and drop the devices from the left onto the correct functions on the right.

Select and Place:

- A. Mastered
- B. Not Mastered

**Answer:** A

**NEW QUESTION 4**

Which component of the Cisco SD-WAN control plane architecture should be located in a public Internet address space and facilitates NAT-traversal?

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

**Answer:** C

**NEW QUESTION 5**

Refer to the exhibit. What does the BFD value of 8 represent?

- A. dead timer of BFD session
- B. poll-interval of BFD session
- C. hello timer of BFD session
- D. number of BFD sessions

**Answer:** D

**NEW QUESTION 6**

What are the two advantages of deploying cloud-based Cisco SD-WAN controllers? (Choose two.)

- A. centralized control and data plane
- B. infrastructure as a service
- C. management of SLA
- D. centralized raid storage of data
- E. distributed authentication policies

**Answer:** AC

**NEW QUESTION 7**

Which two image formats are supported for controller codes? (Choose two.)

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

**Answer:** BD

**NEW QUESTION 8**

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

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

**Answer:** C

**NEW QUESTION 9**

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 10**

DRAG DROP

Drag and drop the vManage policy configuration procedures from the left onto the correct definitions on the right.

Select and Place:

- A. Mastered
- B. Not Mastered

**Answer:** A

**NEW QUESTION 10**

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

**Answer:** C

**NEW QUESTION 14**

When redistribution is configured between OMP and BGP at two Data Center sites that have Direct Connection Interlink, which step avoids learning the same routes on WAN Edge routers of the DCs from LAN?

- A. Set down-bit on Edge routers on DC1
- B. Define different VRFs on both DCs
- C. Set OMP admin distance lower than BGP admin distance
- D. Set same overlay AS on both DC WAN Edge routers

**Answer:** BD

**NEW QUESTION 18**

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

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

**Answer:** C

**NEW QUESTION 22**

Which type of route advertisement of OMP can be verified?

- A. Origin, TLOC, and VPN
- B. Origin, TLOC, and service
- C. OMP, VPN, and origin
- D. OMP, TLOC, and service

**Answer:** D

**NEW QUESTION 25**

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 27**

Which configuration allows users to reach YouTube from a local Internet breakout?

- A. `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`
- `vpn 10`  
`ip route 0.0.0.0/0 vpn 0`
- B. `VPN 10`  
`ip route 0.0.0.0/0 vpn 0`
- B.

```

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

```

Answer: C

#### NEW QUESTION 32

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 34

Two sites have one WAN Edge each. Each WAN Edge has two public TLOCs with no restrict configured. There is full reachability between the TLOCs. How many data tunnels are formed on each Edge router?

- A. 6
- B. 2
- C. 4
- D. 8

**Answer:** A

#### NEW QUESTION 39

In which VPN is the NAT operation on an outgoing interface configured for direct Internet access?

- A. 512
- B. 10
- C. 1

**Answer:** A

#### NEW QUESTION 41

Which command verifies a policy that has been pushed to the vEdge router?

- A. vSmart# show running-config policy
- B. vEdge# show running-config data policy
- C. vSmart# show running-config apply policy
- D. vEdge# show policy from-vsmart

**Answer:** D

#### NEW QUESTION 42

DRAG DROP

Drag and drop the actions from the left into the correct sequence on the right to create a data policy to direct traffic to the Internet exit. Select and Place:

- A. Mastered
- B. Not Mastered

**Answer:** A

#### NEW QUESTION 47

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 48

When the VPN membership policy is being controlled at the vSmart controller, which policy disallows VPN 1 at sites 20 and 30?

- A.



```
apply-policy
site-list 20-30
vpn-membership disallow-vpn 1
!
!
policy
lists
site-list 20-30
site-id 20
site-id 30
!
vpn-list VPN 1
vpn 10
vpn 20
!
!
vpn-membership disallow-vpn 1
sequence 10
match
vpn-list VPN 1
!
action reject
!
!
default-action accept
```

B.

```
policy
lists
site-list 20-30
site-id 20
site-id 30
!
prefix-list drop-list
ip-prefix 10.200.1.0/24
!
!
control-policy drop-unwanted-routes
sequence 10
match route
prefix-list drop-list
!
action reject
!
!
default-action accept
```

C.

```
apply-policy
  site-list 20-30
    vpn-membership disallow-vpn1
  !
!
policy
  lists
    site-list 20-30
      site-id 20
      site-id 30
    !
  !
  vpn-membership disallow-vpn1
    sequence 10
      match vpn-id 1
      action reject
    !
  !
  default-action accept
```

D. 

```
policy
  lists
    site-list BP-Sites
      site-id 10
      site-id 20
    vpn-list All-BPs
      vpn 100
      vpn 101
    vpn-list Enterprise-BP
      vpn 200
  control-policy import-BPs-to-Enterprise
    sequence 10
      match route
      vpn-list All-BPs
    !
    action accept
    export-to vpn-list Enterprise-BP
  !
  !
  !
  default-action accept
```

**Answer:** C

#### NEW QUESTION 51

Which platforms are managed by a single vManage dashboard?

- A. ISR4351, ASR1002HX, vEdge2000, vEdge Cloud
- B. ISR4321, ASR1001, Nexus, ENCS
- C. ISR4321, ASR1001, ENCS, ISRV
- D. ISR4351, ASR1009, vEdge2000, CSR1000v

**Answer:** C

#### NEW QUESTION 53

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 57**

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

- A. System Status
- B. Troubleshooting
- C. Real Time
- D. Events

**Answer:** B

**NEW QUESTION 61**

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 62**

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 66**

Which protocol is used to measure loss, latency, jitter, and liveliness of the tunnel between WAN Edge router peers?

- A. OMP
- B. NetFlow
- C. BFD
- D. IP SLA

**Answer:** C

**NEW QUESTION 67**

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