



**Cisco**

## **Exam Questions 300-415**

Implementing Cisco SD-WAN Solutions (ENSDWI)

### NEW QUESTION 1

Which two hardware platforms support Cisco IOS XE SD-WAN images? (Choose two.)

- A. ISR4000 series
- B. ISR9300 series
- C. vEdge-1000 series
- D. ASR9000 series
- E. ASR1000 series

**Answer:** AE

### NEW QUESTION 2

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 3

How is the scalability of the Manage increased in Cisco SD-WAN Fabric?

- A. Increase the bandwidth of the WAN link connected to the vManage
- B. Increase licensing on the vManage
- C. Deploy more than one vManage controllers on different physical server
- D. Deploy multiple vManage controllers in a cluster

**Answer:** D

### NEW QUESTION 4

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 5

An engineer is troubleshooting a certificate issue on vEdge. Which command is used to verify the validity of the certificates?

- A. show control local-properties
- B. show control summary
- C. show certificate installed
- D. show certificate status

**Answer:** A

### NEW QUESTION 6

			PEER			PEER			CONTROLLER			GROUP STATE
PEER TYPE	PEER PROTOCOL	PEER SYSTEM ID	SITE IP	DOMAIN ID	PEER PRIVATE IP	PRIVATE PORT	PEER PUBLIC IP	PUBLIC PORT	LOCAL	COLOR		
UPTIME	ID											
vbond	dtls	-	0	0	1.3.25.25	12346	1.3.25.25	12346	gold	connect	0	
vbond	dtls	-	0	0	1.3.25.25	12346	1.3.25.25	12346	silver	connect	0	

Refer to the exhibit. An engineer is troubleshooting a control connection issue. What does “connect” mean in this show control connections output?

- A. Control connection is down
- B. Control connection is up
- C. Control connection attempt is in progress
- D. Control connection is connected

**Answer:** C

#### NEW QUESTION 7

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 8

Which two services are critical for zero touch provisioning on- boarding? (Choose two.)

- A. EMAIL
- B. SNMP
- C. AAA
- D. DHCP
- E. DNS

**Answer:** DE

#### NEW QUESTION 9

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 10

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 10

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 15

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 17

Refer to the exhibit. Which configuration change is needed to configure the tloc-extention 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 19

DRAG DROP

Drag and drop the policies from the left onto the correct policy types on the right.

- A. Mastered
- B. Not Mastered

Answer: A

#### NEW QUESTION 24

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 26

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 30

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 34

DRAG DROP

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

- A. Mastered
- B. Not Mastered

**Answer:** A



#### NEW QUESTION 36

When VPNs are grouped to create destination zone, how many zones can a VPN be part of?

- A. two
- B. four
- C. one
- D. three

**Answer:** C

#### NEW QUESTION 39

At which layer does the application-aware firewall block applications on a WAN Edge?

- A. 3
- B. 5
- C. 2
- D. 7

**Answer:** D

#### NEW QUESTION 44

What is a benefit of the application- aware firewall?

- A. It blocks traffic by MTU of the packet
- B. It blocks encrypted traffic
- C. It blocks traffic by application
- D. It blocks traffic by MAC address

**Answer:** C

#### NEW QUESTION 47

```
policy
  policer ccnp
    rate 1000000
    burst 15000
    exceed drop
  !
  access-list acl-guest
    sequence 1
      match
        source-ip 172.16.10.0/24
        destination-ip 172.16.20.0/24
        destination-port 20
        protocol 6
      !
      action accept
        policer ccnp
      !
    !
  !
  default-action drop
```

Refer to the exhibit. Which QoS treatment results from this configuration after the access list acl-guest is applied inbound on the vpn1 interface?

- A. A TCP packet sourcing from 172.16.10.1 and destined to 172.16.20.1 is dropped
- B. A UDP packet sourcing from 172.16.20.1 and destined to 172.16.10.1 is accepted
- C. A UDP packet sourcing from 172.16.10.1 and destined to 172.16.20.1 is dropped
- D. A TCP packet sourcing from 172.16.20.1 and destined to 172.16.10.1 is accepted

**Answer:** C

#### NEW QUESTION 51

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 54

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}}`
- C. `http://vmanage_IP_address/api-call/system/device/{{model}}`
- D. `https://vmanage_IP_address/api-call/system/device/{{model}}`

**Answer:** A

#### NEW QUESTION 57

Which logs verify when a device was upgraded?

- A. ACL
- B. Email
- C. SNMP
- D. Audit

**Answer:** D

#### NEW QUESTION 59

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