



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

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 Cisco SD-WAN WAN Edge platform supports LTE and Wi-Fi?

- A. ISR 1101
- B. ASR 1001
- C. CSR 1000v
- D. vEdge 2000

Answer: A

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

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 7

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 8

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 9

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 10

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 10

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 14

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 15

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 18

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 19

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 24

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 27

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 30

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 33

Which scheduling method is configured by default for the eight queues in the cloud vEdge router?

- A. weighted round robin
- B. priority queue
- C. low latency queue
- D. weighted random early detection

Answer: A

NEW QUESTION 36

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 39

```
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 41

Which software security feature is supported by the Cisco ISR 4451 router?

- A. IPsec/GRE cloud proxy
- B. reverse proxy
- C. Enterprise Firewall with Application Awareness
- D. Cloud Express service

Answer: C

NEW QUESTION 44

Which hardware component is involved in the Cisco SD-WAN authentication process for ISR platforms?

- A. ZTP
- B. OTPC
- C. SUDI
- D. TPMD

Answer: C

NEW QUESTION 45

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

- A. 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 46

When software is upgraded on a vManage NMS, which two image-adding options store images in a local vManage software repository? (Choose two.)

- A. To be downloaded over an ICMP connection
- B. To be downloaded over a SNMP connection
- C. To be downloaded over a control plane connection
- D. To be downloaded over an out-of-band connection
- E. To be downloaded over a SMTP connection

Answer: CD

NEW QUESTION 51

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 52

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