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Implementing Cisco SD-WAN Solutions (ENSDWI)

Cisco 300-415

Version Demo

Total Demo Questions: 15

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Topic Break Down

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QUESTION NO: 1

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

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

ANSWER: D

QUESTION NO: 2

An enterprise has several sites with multiple VPNs that are isolated from each other. A new requirement came where users in VPN 73 must be able to talk to users in VPN 50. Which configuration meets this requirement?

```
policy
control-policy Route_Leaking
sequence 1
match route
vpn-list VPN_73
prefix-list _AnyIpv4PrefixList
action accept
export-to vpn-list VPN_50
sequence 11
match route
vpn-list VPN_50
prefix-list _AnyIpv4PrefixList
action accept
export-to vpn-list VPN_73
default-action accept
```

```
policy
control-policy Route_Leaking
sequence 1
match route
VPN_73
prefix-list _AnyIpv4PrefixList
export-to VPN_50
sequence 11
match route
VPN_50
prefix-list _AnyIpv4PrefixList
export-to VPN_73
default-action accept
```

```
● policy
  control-policy Route_Leaking
  sequence 1
  match route
    VPN_ALL
  prefix-list _AnyIpv4PrefixList
  action accept
  export-to VPN_ALL

● policy
  control-policy Route_Leaking
  sequence 1
  match route
    VPN_50 VPN_73
  prefix-list _AnyIpv4PrefixList
  action accept
  export-to VPN_73 VPN_50
```

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

ANSWER: A

QUESTION NO: 3

An engineer must apply the configuration for certificate installation to vBond Orchestrator and vSmart Controller. Which configuration accomplishes this task?

vpn 0
interface eth1
ip address 199.1.1.1/28
tunnel-interface
allow-service sshd
allow-service netconf
no shutdown

vpn 512
interface eth1
ip address 199.1.1.1/28
tunnel-interface
allow-service sshd
allow-service netconf

vpn 0
interface eth1
ip address 199.1.1.1/28
tunnel-interface
allow-service sshd
allow-service ntp

vpn 512
interface eth1
ip address 199.1.1.1/28
tunnel-interface
allow-service netconf
no allow-service ntp
no allow-service stun

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

ANSWER: A

QUESTION NO: 4 - (DRAG DROP)

DRAG DROP

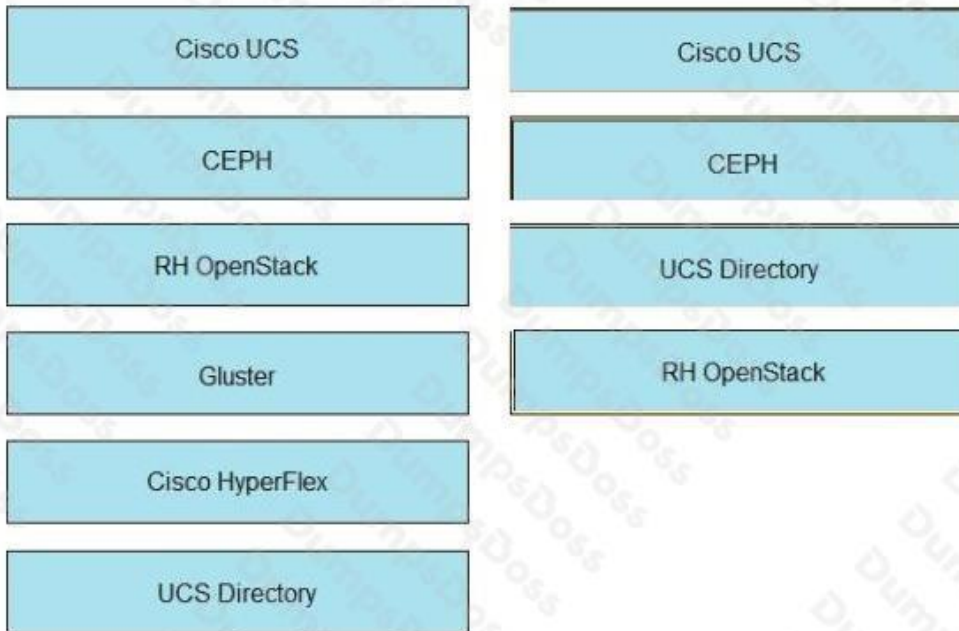
Drag and drop the components from the left onto the corresponding Cisco NFV Infrastructure Building Blocks on the right.
Not all options are used.

Select and Place:

Answer Area

Cisco UCS	Compute
CEPH	Storage
RH OpenStack	Management
Gluster	Virtualized Infrastructure
Cisco HyperFlex	
UCS Directory	

ANSWER:

Answer Area**Explanation:****QUESTION NO: 5**

Which TCP Optimization feature is used by WAN Edge to prevent unnecessary retransmissions and large initial TCP window sizes to maximize throughput and achieve a better quality?

- A. SEQ
- B. SYN
- C. RTT
- D. SACK

ANSWER: D**Explanation:**

TCP Optimization

The Cisco SD-WAN TCP Optimization feature uses **TCP Selective Acknowledgement (SACK)** to prevent unnecessary retransmissions and large initial TCP window sizes in order to maximize throughput and achieve a better quality of experience.

QUESTION NO: 6

A Cisco SD-WAN customer has a requirement to calculate the SHA value for files as they pass through the device to see the returned disposition and determine if the file is good, unknown, or malicious.

The customer also wants to perform real-time traffic analysis and generate alerts when threats are detected. Which two Cisco SD-WAN solutions meet the requirements? (Choose two.)

- A. Cisco Threat Grid
- B. Cisco Trust Anchor Module
- C. Cisco AMP
- D. Cisco Secure Endpoint
- E. Cisco Snort IPS

ANSWER: A C

QUESTION NO: 7

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: A E

Explanation:

Reference: https://www.cisco.com/c/en/us/solutions/collateral/enterprise-networks/sd-wan/white_paper-c11-741071.html

QUESTION NO: 8 - (DRAG DROP)

DRAG DROP

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

Select and Place:

strict hub-and-spoke topology

perform shaping on traffic

service firewall insertion

prefer voice and video via MPLS link

Control Policy

Data Policy

ANSWER:

strict hub-and-spoke topology

perform shaping on traffic

service firewall insertion

prefer voice and video via MPLS link

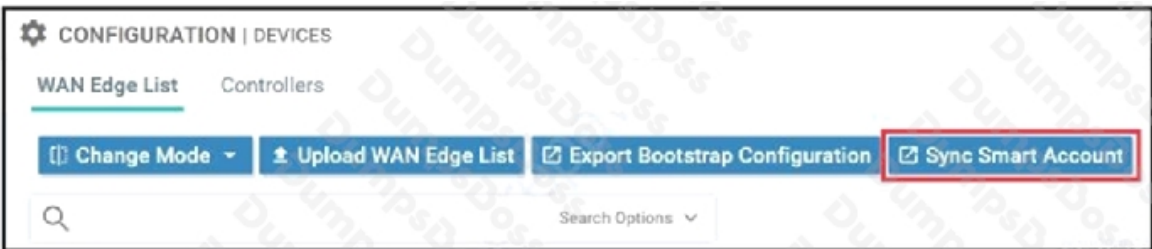

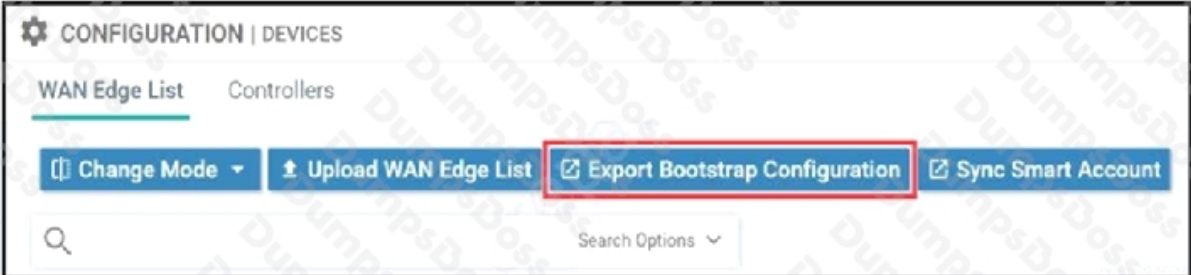
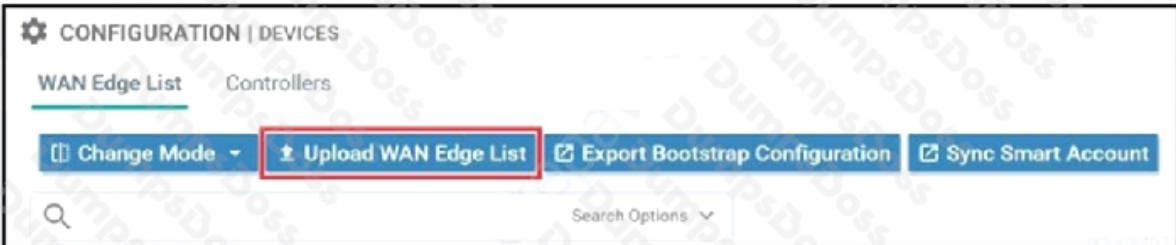
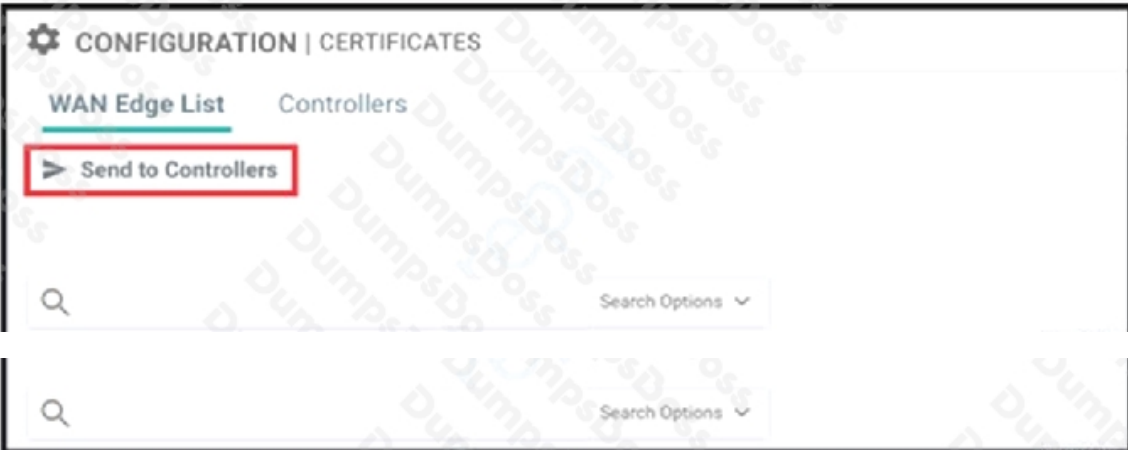
Control Policy

Data Policy

Explanation:

QUESTION NO: 9

An administrator must deploy the controllers using the On-Prem method while vManage can access the PnP portal from inside. How are the two WAN Edge authorized allowed lists to be made available to vManage? (Choose two.)

- A. 
- B. 
- C. 
- D. 
- E. 

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

ANSWER: A D

QUESTION NO: 10

What are the two protocols redistributed into OMP? (Choose two.)

- A. OSPF
- B. RSVP
- C. LDP
- D. RIP
- E. EIGRP

ANSWER: A E

QUESTION NO: 11

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: C D

Explanation:

Reference: https://sdwan-docs.cisco.com/Product_Documentation/vManage_Help/Release_18.2/Maintenance/Software_Repository

QUESTION NO: 12

An engineer is adding a tenant with location ID 399533345 in vManage. What is the maximum number of alphanumeric characters that is accepted in the tenant name filed?

- A. 64
- B. 128
- C. 256
- D. 8

ANSWER: B**Explanation:**

In the Add Tenant window:

- a. Enter a name for the tenant. It can be up to 128 characters and can contain only alphanumeric characters.

QUESTION NO: 13

A customer has MPLS and Internet as the TLOC colors. An engineer must configure controllers with the Internet and not with MPLS. Which configuration achieve this requirement on vManage?

- A.

```
vpn 0
interface eth1
ip address 10.50.0.1/24
tunnel-interface
color default
```
- B.

```
vpn 0
interface eth1
ip address 10.50.0.1/24
tunnel-interface
color biz-internet
```
- C.

```
vpn 0
interface eth1
ip address 10.50.0.1/24
tunnel-interface
color public-internet
```



```
D. vpn 0
   interface eth1
   ip address 10.50.0.1/24
   tunnel-interface
   color mpls
```

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

ANSWER: A

QUESTION NO: 14

Which Cisco SD-WAN component facilitates the initial communication between WAN Edge devices to join the fabric?

- A. WAN Edge Router
- B. vSmart Controller
- C. vManage
- D. vBond Orchestrator

ANSWER: D

QUESTION NO: 15

Which two products are used to deploy Cisco WAN Edge Router virtual platforms? (Choose two.)

- A. Sun Enterprise M4000 Server running Sun Solaris
- B. Sun SPARC Node running AIX
- C. Cisco UCS
- D. HP ProLiant DL380 Generation 10 running HP-UX
- E. Cisco ENCS 5000 Series

ANSWER: C E

Explanation:

Reference: <https://www.cisco.com/c/en/us/products/collateral/routers/5400-enterprise-network-compute-system/datasheet-c78-738512.html>

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