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Implementing Cisco SD-WAN Solutions (300-415 ENSDWI)

Cisco 300-415

Version Demo

Total Demo Questions: 15

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Topic Break Down

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QUESTION NO: 1

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: 2

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: 3

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: 4

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: 5

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

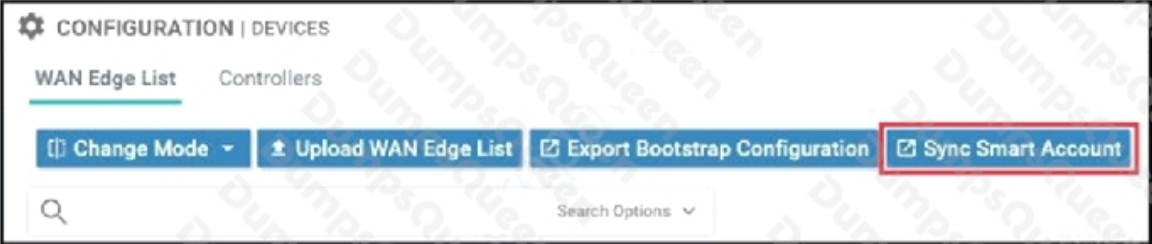
Explanation:


In the Add Tenant window:

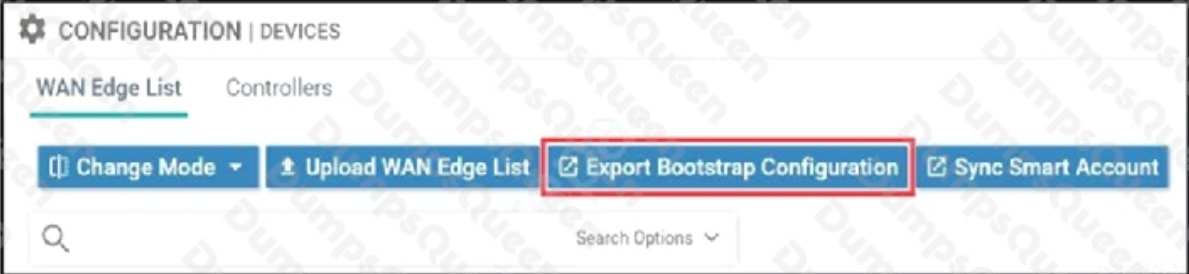
- a. Enter a name for the tenant. It can be up to 128 characters and can contain only alphanumeric characters.

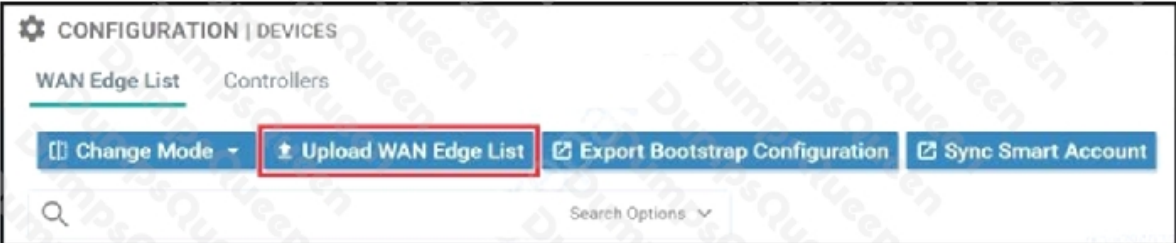
QUESTION NO: 6

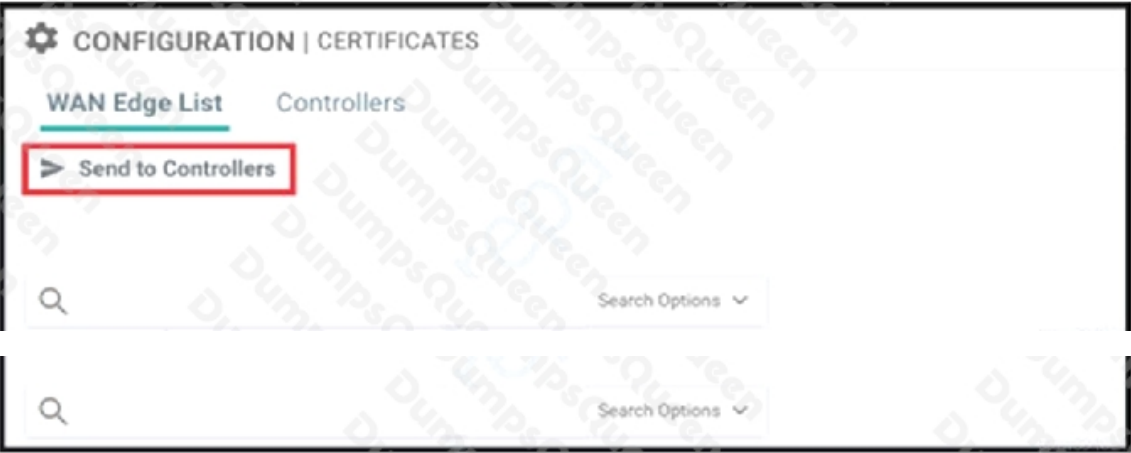
An administrator must deploy the controllers using the On-Prem method while vManage can access the PnP portal from inside. How are the two WAN Edge authorized allowed lists to be made available to vManage? (Choose two.)

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: 7 - (DRAG DROP)

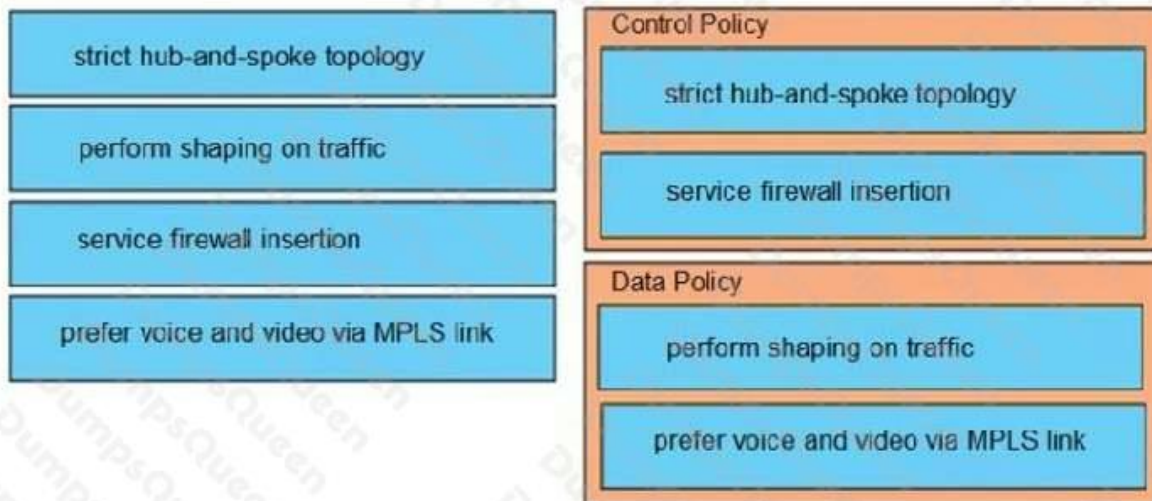
DRAG DROP

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

Select and Place:

The interface consists of two main columns. The left column contains four blue rectangular boxes, each with a policy description: 'strict hub-and-spoke topology', 'perform shaping on traffic', 'service firewall insertion', and 'prefer voice and video via MPLS link'. The right column contains two orange rectangular boxes. The top one is labeled 'Control Policy' and the bottom one is labeled 'Data Policy'. Each of these orange boxes contains two yellow rectangular slots, indicating where the policies from the left should be dropped.

ANSWER:



Explanation:

QUESTION NO: 8

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>

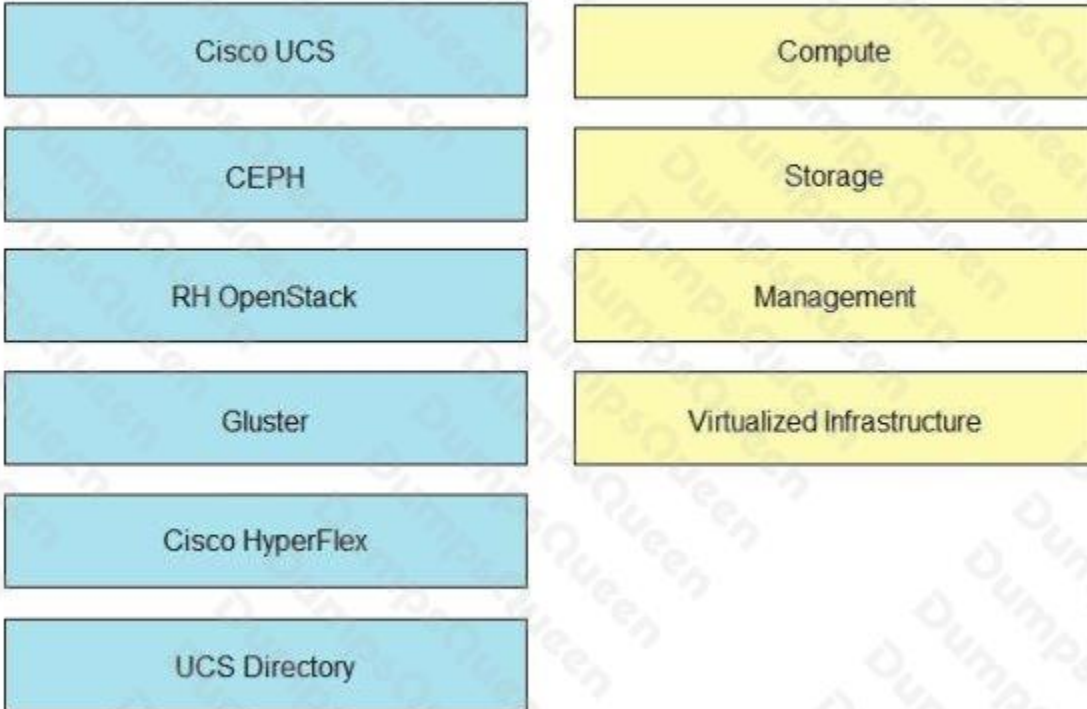
QUESTION NO: 9 - (DRAG DROP)

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.

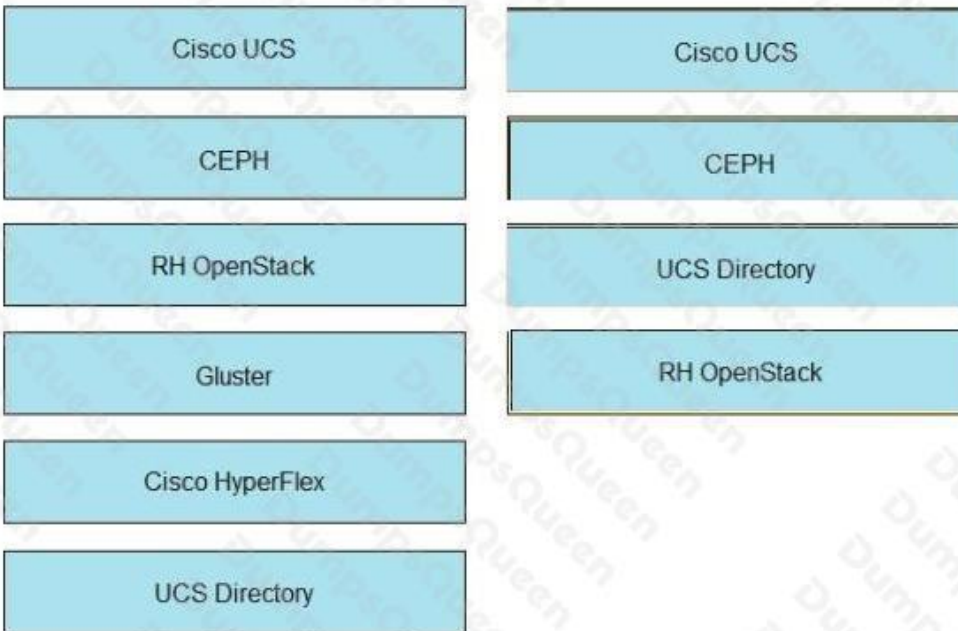
Select and Place:

Answer Area



ANSWER:

Answer Area



Explanation:

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

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: 12

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: 13

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
A. tunnel-interface
 allow-service sshd
 allow-service netconf
 no shutdown

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

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

vpn 512
interface eth1
ip address 199.1.1.1/28
D. 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: 14

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: 15

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