300-415^{Q&As}

Implementing Cisco SD-WAN Solutions (ENSDWI)

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QUESTION 1

An administrator is configuring the severity level on the vManage NMS for events that indicate that an action must be taken immediately. Which severity level must be configured?

A. warning

B. error

C. critical

D. alert

Correct Answer: D

QUESTION 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?

A. 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

B. policy
    control-policy Route_Leaking
     sequence 1
     match route
      VPN_50 VPN_73
      prefix-list_AnyIpv4PrefixList
      action accept
      export-to VPN_73 VPN_50

C. policy
    control-policy Route_Leaking
     sequence 1
     match route
      VPN_ALL
      prefix-list_AnyIpv4PrefixList
      action accept
      export-to VPN_ALL

D. 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

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: A

Reference: https://www.ciscolive.com/c/dam/r/ciscolive/latam/docs/2018/pdf/BRKCRS-2186.pdf

QUESTION 3

Which website allows access to visualize the geography screen from vManager using the internet?

A. *.globalstreetmaps.org

B. *.fullstreetmaps.org

C. *.callstreetmaps.org

D. *.openstreetmaps.org

Correct Answer: D

QUESTION 4

A network administrator is configuring a centralized control policy based on match action pairs for multiple conditions. Which order must be configured to prefer Prefix List over TLOC and TLOC over Origin?

A. highest to lowest sequence number

B. nonsequential order

C. deterministic order

D. lowest to highest sequence number

Correct Answer: D

A centralized control policy consists of a series of numbered (ordered) sequences of match-action pairs that are evaluated in order, from lowest sequence number to highest sequence number. When a route or TLOC matches the match conditions, the associated action or actions are taken and policy evaluation on that packets stops. Keep this process in mind as you design your policies to ensure that the desired actions are taken on the items subject to policy.

If a route or TLOC matches no parameters in any of the sequences in the policy configure, it is, by default, rejected and discarded.

QUESTION 5

An engineer is configuring a data policy for IPv4 prefixes for a single WAN Edge device on a site with multiple WAN Edge devices.

How is this policy added using the policy configuration wizard?

A. In vBond orchestrator, select the configure --> policies screen, select the localized policy tab, and click add policy.

B. In vManage NMS, select the configure --> policies screen, select the localized policy tab, and click add policy.

C. In vSmart controller, select the configure --> policies screen, select the localized policy tab, and click add policy.

D. In vManage NMS, select the configure --> policies screen, select the centralized policy tab, and click add policy.

Correct Answer: B

QUESTION 6

An administrator must configure an ACL for traffic coming in from the service-side VPN on a specific WAN device with circuit ID 391897770. Which policy must be used to configure this ACL?

A. local data policy

B. central data policy

C. app-aware policy

D. central control policy

Correct Answer: A

https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/policies/vedge/policies-book/control-policies.html#c_Localized_Control_Policy_12226.xml

QUESTION 7

Which feature delivers traffic to the Cisco Umbrella SIG cloud from a Cisco SD-WAN domain?

A. L2TPv3 tunnel

B. IPsec tunnel

C. local umbrella agent

D. source NAT

Correct Answer: C

QUESTION 8

Refer to the exhibit.

PEER TYPE	PEER PROTOCOL	PEER SYSTEM IP	SITE ID	DOMAIN ID	PEER PRIVATE IP	PRIVATE PEER PORT	PUBLIC IP	PUBLIC PORT LOCAL COLOR	STATE	LOCAL REMOTE REPEAT ERROR ERROR COUNT
vbond dtls	-		0	0	209.165.200.230	12346	209.165.200.230	12346 biz-internet	tear_down	CTORGNMMIS NOERR 14
vbond dtls	-		0	0	209.165.201.137	12346	209.165.201.137	12346 biz-internet	tear_down	CTORGNMMIS NOERR 13

An engineer is getting a CTORGNMMIS error on a controller connection. Which action resolves this issue?

A. Configure a valid certificate on vSMART.

B. Configure a valid organization name.

C. Configure a valid serial number on the WAN Edge.

D. Configure a valid product ID.

Correct Answer: B

Reference: https://community.cisco.com/t5/networking-documents/sd-wan-routers-troubleshoot-control-connections/ta-p/3813237
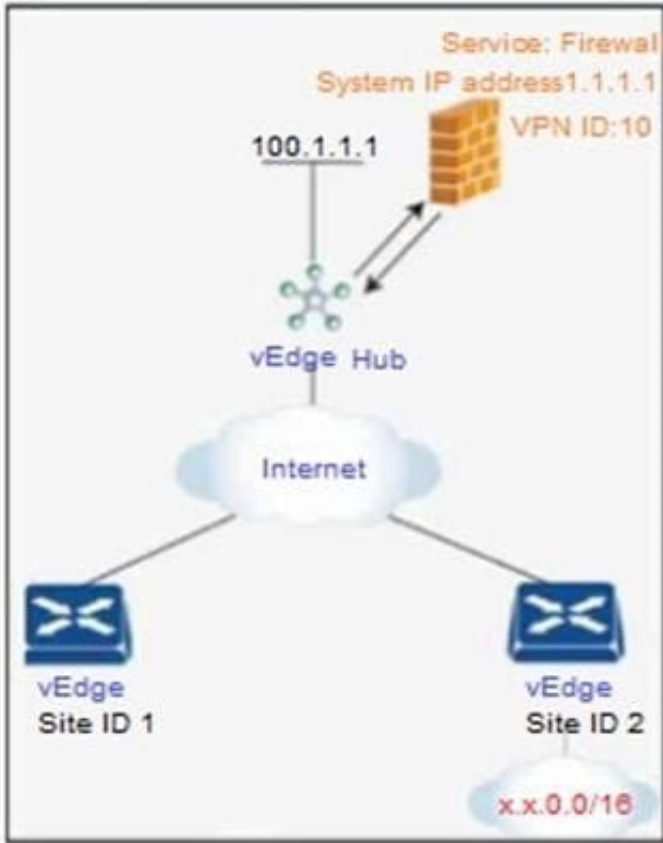
QUESTION 9

Which two services are critical for zero touch provisioning onboarding? (Choose two)

A. EMAIL

B. SNMP

C. AAA

D. DHCP

E. DNS

Correct Answer: DE

QUESTION 10

Refer to the exhibit.

An engineer is configuring service chaining. Which set of configurations is required for all traffic from Site ID 1 going toward Site ID 2 to get filtered through the firewall on the hub site?

A.

```
vpn 10
  service FW address 1.1.1.1
  policy
    lists
      site-list firewall-service
      site-id 1
  control-policy firewall-service
    sequence 10
      match route
        site-id 2
      action accept
        site service FW vpn 20
      default-action accept
  apply-policy
    site-list firewall-sites control-policy firewall-service out
```

B.

```
vpn 10
  service FW address 1.1.1.1
  policy
    lists
      site-list firewall-sites
      site-id 1
  control-policy firewall-service
    sequence 10
      match route
        site-id 2
      action accept
        site service FW vpn 10
      default-action accept
  apply-policy
    site-list firewall-sites control-policy firewall-service out
```

C.

```
vpn 20
  service FW address 1.1.1.1
policy
  lists
    site-list firewall-sites
    site-id 1
control-policy firewall-service
  sequence 10
    match route
      site-id 2
    action accept
      site service FW vpn 20
    default-action accept
apply-policy
  site-list firewall-sites control-policy firewall-service out
```

D.

```
vpn 10
  service FW address 1.1.1.2
policy
  lists
    site-list firewall-sites
    site-id 1
control-policy firewall-service
  sequence 10
    match route
      site-id 2
    action accept
      site service FW vpn 10
    default-action accept
apply-policy
  site-list firewall-sites control-policy firewall-service out
```

A. Option A

B. Option B

C. Option C

D. Option D

Correct Answer: B

https://sdwandocs.cisco.com/Product_Documentation/Software_Features/SDWAN_Release_16.3/07Policy_Applications/02Service_Chaining/Service_Chaining_Configuration_Examples

QUESTION 11

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:

shows if the route was chosen to enter the routing table or not	system ID
ENCAPSULATION	attribute of WAN link
COLOR	type of tunnel being used
TLOC IP	TLOC route status

Correct Answer:

	TLOC IP
	COLOR
	ENCAPSULATION
	shows if the route was chosen to enter the routing table or not

QUESTION 12

Which attribute is used to tie all the controllers together by vManage?

A. vManage system-ip

B. region ID

C. organization name

D. secure device ID

Correct Answer: C

QUESTION 13

What is a restriction when configuring a tunnel interface?

A. Up to six tunnel interfaces are configurable on a vSmart.

B. It is manually assigned when using vManage feature templates.

C. It must be configured for the interface under all VPNs.

D. Up to six tunnel interfaces are configurable on a WAN Edge.

Correct Answer: B

QUESTION 14

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

Correct Answer: AE

QUESTION 15

How many concurrent sessions does a vManager REST API have before it invalidates the least recently used session if the maximum concurrent session number is reached?

A. 150

B. 200

C. 250

D. 300

Correct Answer: C

In a Cisco SD-WAN environment, vManage REST API has a maximum concurrent session limit of 250. If this limit is reached, the least recently used session is invalidated.

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