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➢ **Vendor: Cisco**

➢ **Exam Code: 300-415**

➢ **Exam Name: Implementing Cisco SD-WAN Solutions (ENSDWI)**

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QUESTION 33
An engineer is troubleshooting a vEdge router and identifies a "DCONFAIL ?DTLS connection failure" message. What is the problem?

A. memory issue
B. certificate mismatch
C. organization mismatch
D. connectivity issue

Answer: D
Explanation:
https://community.cisco.com/t5/networking-documents/sd-wan-routers-troubleshoot-control-connections/ta-p/3813237#toc-hId-340740870

QUESTION 34
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
Explanation:
https://www.cisco.com/c/en/us/support/docs/routers/sd-wan/214509-troubleshoot-control-connections.html

QUESTION 35
Refer to the exhibit. An engineer is troubleshooting a control connection issue.
What does "connect" mean in this show control connections output?

PEER TYPE	PEER PROTOCOL	PEER SYSTEM IP	SITE ID	DOMAIN ID	PEER PRIVATE IP	PEER PRIVATE PORT	PEER PUBLIC IP	PEER PUBLIC PORT	CONTROLLER LOCAL COLOR	STATE	GROUP 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

A. Control connection is down

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

Answer: C
Explanation:
https://community.cisco.com/t5/networking-documents/sd-wan-routers-troubleshoot-control-connections/ta-p/3813237

QUESTION 36
A vEdge platform is sending VRRP advertisement messages every 10 seconds. Which value configures the router back to the default timer?

A. 2 seconds
B. 5 seconds
C. 1 second
D. 3 seconds

Answer: C
Explanation:
https://sdwan-docs.cisco.com/Product_Documentation/vManage_Help/Release_18.3/Configuration/Templates/VPN_Interface_Ethernet

QUESTION 37
Which OSPF command makes the WAN Edge router a less preferred exit from a site with a dual WAN Edge design?

A.
```
vpn vpn-id
   router
      ospf
         max-metric
```
B.
```
vpn vpn-id
   router
      ospf
         area number
            nssa
               no-summary
```
C.
```
vpn vpn-id
   router
      ospf
         area number
            range prefix/length
```
D.
```
vpn vpn-id
   router
      ospf
         area number
            range prefix/length
```

Answer: C

QUESTION 38
Drag and Drop Question
Drag and drop the devices from the left onto the correct functions on the right.

vSmart	establishes a secured data plane
vManage	first point of authentication
vEdge	single pane of glass
vBond	enforces control policies

Answer:

	vEdge
	vBond
	vManage
	vSmart

Explanation:
https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2019/pdf/LTRCRS-3550.pdf slide 8

QUESTION 39
Drag and Drop Question
Drag and drop the vManage policy configuration procedures from the left onto the correct definitions on the right.

Create groups of interest	Create the network structure to which the policy applies
Configure traffic rules	Create lists that group together related items that an engineer can call in the match or action components of a policy
Configure topology	Associate a policy with sites and VPNs in the overlay network
Apply policies to sites and VPNs	Create the match and action conditions of a policy

Answer:

Explanation:
https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/policies/vedge/policies-book/data-policies.html

QUESTION 40
Drag and Drop Question
Drag and drop the policies from the left onto the correct policy types on the right.

Answer:

QUESTION 41
Drag and Drop Question

Drag and drop the actions from the left into the correct sequence on the right to create a data policy to direct traffic to the Internet exit.

Apply data policy	Step 1
Enable NAT functionality	Step 2
Create centralized data policy	Step 3
Identify VPN and match criteria	Step 4

Answer:

Create centralized data policy

Identify VPN and match criteria

Enable NAT functionality

Apply data policy

Explanation:
https://www.cisco.com/c/en/us/td/docs/routers/sdwan/configuration/policies/vedge/policies-book/vEdge-as-NAT-device.html

QUESTION 42
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: D

QUESTION 43
Which statement about VRRP is true?

A. It supports load balancing.
B. It can be configured with HSRP on a switch or switch stack.
C. It supports IPv4 and IPv6.
D. It supports encrypted authentication.

Answer: B

QUESTION 44
Where does the Cisco V-Edge Router perform QOS traffic classification?

A. Per VPN
B. Per vEdge
C. Egress interface
D. Ingress interface

Answer: D

QUESTION 45
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
Explanation:
https://sdwan-
docs.cisco.com/Product_Documentation/Software_Features/Release_18.4/07Policy_Applications/02Service_Chaining/
Service_Chaining_Configuration_Examples

QUESTION 46
Which attributes are configured to uniquely identify and represent a TLOC route?

A. system IP address, link color, and encapsulation
B. origin, originator, and preference
C. site ID, tag, and VPN
D. firewall, IPS, and application optimization

Answer: A
Explanation:
https://sdwan-
docs.cisco.com/Product_Documentation/Software_Features/Release_18.2/03Routing/01Unicast_Overlay_Routing_Ov
erview#TLOC_Routes

QUESTION 47
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
Explanation:
https://sdwan-
docs.cisco.com/Product_Documentation/Software_Features/Release_18.2/03Routing/01Unicast_Overlay_Routing_Ov
erview#OMP_Route_Advertisements

QUESTION 48
Which command displays BFD session summary information per TLOC on vEdge routers?

A. show bfd tloc-summary-list

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https://www.braindump2go.com/300-415.html

B. show bfd history
C. show bfd summary
D. show bfd sessions

Answer: A
Explanation:
https://www.cisco.com/c/en/us/td/docs/routers/sdwan/command/sdwan-cr-book/sdwan-cr-book_chapter_0100.html#wp5111537210