QUESTION 319
In cisco SD_WAN, which protocol is used to measure link quality?
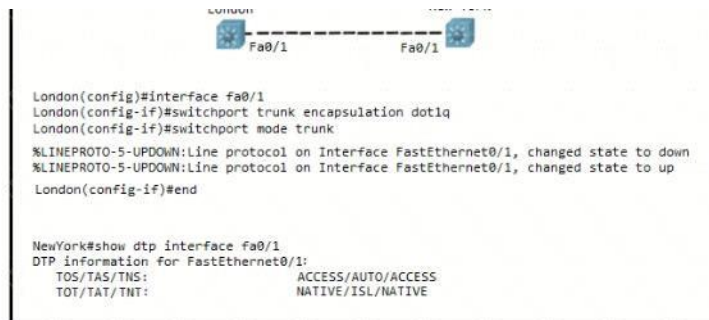
A. OMP
B. BFD
C. RSVP
D. IPsec

Correct Answer: B
Explanation:
The BFD (Bidirectional Forwarding Detection) is a protocol that detects link failures as part of the Cisco SD-WAN (Viptela) high availability solution, is enabled by default on all vEdge routers, and you cannot disable it.

QUESTION 320
Refer to the exhibit. Communication between London and New York is down Which to resolve this issue?


```
London(config)#interface fa0/1
London(config-if)#switchport trunk encapsulation dot1q
London(config-if)#switchport mode trunk
%LINEPROTO-5-UPDOWN:Line protocol on Interface FastEthernet0/1, changed state to down
%LINEPROTO-5-UPDOWN:Line protocol on Interface FastEthernet0/1, changed state to up
London(config-if)#end


NewYork#show dtp interface fa0/1
DTP information for FastEthernet0/1:
  TOS/TAS/TNS:              ACCESS/AUTO/ACCESS
  TOT/TAT/TNT:              NATIVE/ISL/NATIVE
```

A.
```
NewYork(config)#int f0/1
NewYork(config)#switchport trunk encap dot1q
NewYork(config)#end
NewYork#
```

B.
```
NewYork(config)#int f0/1
NewYork(config)#switchport mode trunk
NewYork(config)#end
NewYork#
```

C.
```
NewYork(config)#int f0/1
NewYork(config)#switchport nonegotiate
NewYork(config)#end
NewYork#
```

D.
```
NewYork(config)#int f0/1
NewYork(config)#switchport mode dynamic desirable
NewYork(config)#end
NewYork#
```

Correct Answer: A
Explanation:
https://learningnetwork.cisco.com/s/question/0D53i00000Ksyty/tostastns-tottattnt

QUESTION 321
In a three-tier hierarchical campus network design, which action is a design best-practice for the core layer?

A. provide QoS prioritization services such as marking, queueing, and classification for critical

network traffic
B. provide redundant Layer 3 point-to-point links between the core devices for more predictable and faster convergence
C. provide advanced network security features such as 802. IX, DHCP snooping, VACLs, and port security
D. provide redundant aggregation for access layer devices and first-hop redundancy protocols such as VRRP

Correct Answer: B

QUESTION 322
Which protocol is used to encrypt control plane traffic between SD-WAN controllers and SD-WAN endpoints?

A. DTLS
B. IPsec
C. PGP
D. HTTPS

Correct Answer: A
Explanation:
DTLS protocol is used to encrypt control plane traffic between vSmart (controllers) and other SD-WAN endpoints.
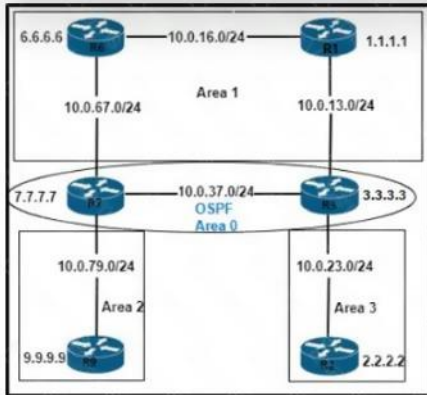

QUESTION 323
What are two characteristics of VXLAN? (Choose two)

A. It uses VTEPs to encapsulate and decapsulate frames.
B. It has a 12-bit network identifier
C. It allows for up to 16 million VXLAN segments
D. It lacks support for host mobility
E. It extends Layer 2 and Layer 3 overlay networks over a Layer 2 underlay.

Correct Answer: AC

QUESTION 324
Refer to the exhibit. An engineer must prevent the R6 loopback from getting into Area 2 and Area 3 from Area 0 Which action must the engineer take?

A. Apply a fitter list inbound on R2 and R9
B. Apply a filter list outbound on R3 and R7
C. Apply a filter list outbound on R7 only.
D. Apply a filter list inbound on R3 and R7

Correct Answer: B
Explanation:
This question asks to prevent route advertised into Area 2 and Area 3 only. It does not ask to prevent route advertised into Area 0 so applying a filter list outbound on R3 and R7 would best fit the requirement.

QUESTION 325
A company plans to implement intent-based networking in its campus infrastructure. Which design facilities a migrate from a traditional campus design to a programmer fabric designer?

A. Layer 2 access
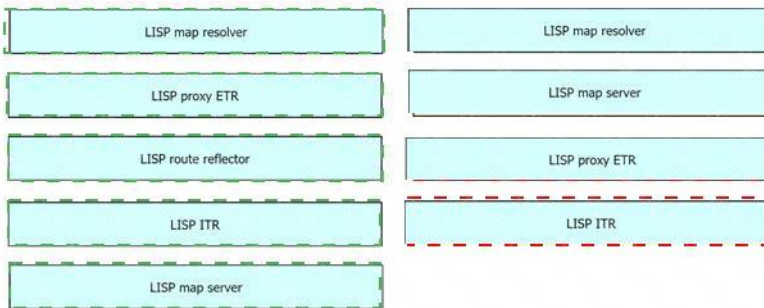B. three-tier
C. two-tier
D. routed access

Correct Answer: C

QUESTION 326
DRAG DROP
Drag and drop the LISP components from the left onto the function they perform on the right. Not all options are used.

Correct Answer:

LISP map resolver	LISP map resolver
LISP proxy ETR	LISP map server
LISP route reflector	LISP proxy ETR
LISP ITR	LISP ITR
LISP map server	

QUESTION 327
Refer to the exhibit. The connecting between SW1 and SW2 is not operational. Which two actions resolve the issue? (Choose two)

```
SW1# show interfaces gigabitethernet 0/0 switchport
Name: Gi0/0
Switchport: Enabled
Administrative Mode: dynamic auto
Operational Mode: trunk
Administrative Trunking Encapsulation: dot1q
Operational Trunking Encapsulation: dot1q
Negotiation of Trunking: Off
Access Mode VLAN: 1 (default)
Trunking Native Mode VLAN: 99 (NATIVE)
Administrative Native VLAN tagging: enabled
Voice VLAN: none
...output omitted...

SW2# show interfaces gigabitethernet 0/1 switchport
Name: Gi0/1
Switchport: Enabled
Administrative Mode: dynamic auto
Operational Mode: trunk
Administrative Trunking Encapsulation: negotiate
Operational Trunking Encapsulation: dot1q
Negotiation of Trunking: On
Access Mode VLAN: 1 (default)
Trunking Native Mode VLAN: 99 (NATIVE)
Administrative Native VLAN tagging: enabled
Voice VLAN: none
...output omitted...
```

PC1   PC4
Vlan200   Vlan200
Ge0/1   Ge0/2
SW1 Ge0/0   Ge0/1 SW2
Ge0/2   Ge0/0
Vlan100   Vlan100
PC3   PC2

A. configure switchport mode access on SW2
B. configure switchport nonegotiate on SW2
C. configure switchport mode trunk on SW2
D. configure switchport nonegotiate on SW1
E. configure switchport mode dynamic desirable on SW2

Correct Answer: CE

QUESTION 328
Refer to the exhibit. A network engineer is enabling logging to a local buffer, to the terminal and to a syslog server for all debugging level logs filtered by facility code 7. Which command is needed to complete this configuration snippet?

```
logging buffered discriminator Disc1
logging monitor discriminator Disc1
logging host 10.1.55.237 discriminator Disc1
```

A. logging buffered debugging
B. logging discriminator Disc1 severity includes 7
C. logging buffered discriminator Disc1 debugging
D. logging discriminator Disc1 severity includes 7 facility includes fac7

Correct Answer: D

QUESTION 329
Which measure is used by an NTP server to indicate its closeness to the authoritative time source?

A. latency
B. hop count
C. time zone
D. stratum

Correct Answer: D

QUESTION 330
A customer has a wireless network deployed within a multi-tenant building. The network provides client access, location-based services, and is monitored using Cisco DNA Center. The security department wants to locate and track malicious devices based on threat signatures. Which feature is required for this solution?

A. Cisco aWIPS policies on the WLC
B. Cisco aWIPS policies on Cisco DNA Center
C. malicious rogue rules on the WLC
D. malicious rogue rules on Cisco DNA Center

Correct Answer: B

QUESTION 331
Which three elements determine Air Time efficiency? (Choose three)

A. evert-driven RRM
B. data rate (modulation density) or QAM
C. channel bandwidth
D. number of spatial streams and spatial reuse
E. RF group leader
F. dynamic channel assignment

Correct Answer: BCD