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VCEûp

350-401

Implementing and Operating Cisco Enterprise Network Core Technologies

Exam A

QUESTION 1 Which function does a fabric edge node perform in an SD-Access deployment?

A. Connects endpoints to the fabric and forwards their traffic.
B. Encapsulates end-user data traffic into LISP.
C. Connects the SD-Access fabric to another fabric or external Layer 3 networks.
D. Provides reachability between border nodes in the fabric underlay.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 2
Refer to the exhibit.

```
R1# sh run | begin line con
line con 0
   exec timeout 0 0
   privilege level 15
   logging synchronous
   stopbits 1
line aux o
   exec timeout 0 0
   privilege level 15
   logging synchronous
   stopbits 1
line vty 0 4
   password 7 045802150C2E
   login
line vty 5 15
   password 7 045802150C2E
   login
1
end


R1# sh run | include aaa | enable
no aaa new-model
R1#
```

Which privilege level is assigned to VTY users?

A. 1
B. 7

C. 13
D. 15

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 3

What is the difference between a RIB and a FIB?

A. The FIB is populated based on RIB content.
B. The RIB maintains a minor image of the FIB.
C. The RIB is used to make IP source prefix-based switching decisions.
D. The FIB is where all IP routing information is stored.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 4 Which requirement for an Ansible-
managed node is true?

A. It must have an SSH server running.
B. It must be a Linux server or a Cisco device.
C. It must support ad hoc commands.
D. It must have an Ansible Tower installed.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 5 A client device fails to see the enterprise SSID, but other client devices are connected to it.

What is the cause of this issue?

A. The client has incorrect credentials stored for the configured broadcast SSID.
B. The hidden SSID was not manually configured on the client.
C. The broadcast SSID was not manually configured on the client.
D. The client has incorrect credentials stored for the configured hidden SSID.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
QUESTION 6 Which two descriptions of FlexConnect mode for Cisco APs are true?
(Choose two.)

A. APs that operate in FlexConnect mode cannot detect rogue APs.
B. When connected to the controller, FlexConnect APs can tunnel traffic back to the controller. C. FlexConnect mode is used when the APs are set up in a mesh environment and used to bridge between each other.
C. FlexConnect mode is a feature that is designed to allow specified CAPWAP-enabled APs to exclude themselves from managing data traffic between dents and infrastructure.
D. FlexConnect mode is a wireless solution for branch office and remote office deployments.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/td/docs/wireless/controller/7-2/configuration/guide/cg/cg_flexconnect.html

QUESTION 7 Which OSPF network types are compatible and allow communication through the two
peering devices?

A. point-to-multipoint to nonbroadcast
B. broadcast to nonbroadcast
C. point-to-multipoint to broadcast
D. broadcast to point-to-point

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.freeccnaworkbook.com/workbooks/ccna/configuring-ospf-network-types

QUESTION 8 Which NGFW mode blocks flows
crossing the firewall?

A. tap
B. inline
C. passive
D. inline tap

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/security/firepower-ngfw/200924-configuring-firepower-threat-defense-int.html

QUESTION 9 Which statement about route targets is true when
using VRF-Lite?

A. Route targets control the import and export of routes into a customer routing table.
B. When BGP is configured, route targets are transmitted as BGP standard communities.
C. Route targets allow customers to be assigned overlapping addresses.
D. Route targets uniquely identify the customer routing table.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
QUESTION 10 How does Cisco TrustSec enable more flexible access controls for dynamic networking environments
and data centers?

A. uses flexible NetFlow
B. assigns a VLAN to the endpoint
C. classifies traffic based on advanced application recognition
D. classifies traffic based on the contextual identity of the endpoint rather than its IP address

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/products/collateral/security/identity-services-engine/at_a_glance_c45-726831.pdf

QUESTION 11
Refer to the exhibit.

```
R1#debug ip ospf hello
R1#debug condition interface Fa0\1
        Condition 1 Set
```

Which statement about the OPSF debug output is true?

A. The output displays OSPF hello messages which router R1 has sent or received on interface Fa0/1.
B. The output displays OSPF messages which router R1 has sent or received on all interfaces.
C. The output displays OSPF messages which router R1 has sent or received on interface Fa0/1.
D. The output displays OSPF hello and LSACK messages which router R1 has sent or received.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 12
Which LISP infrastructure device provides connectivity between non-LISP sites and LISP sites by receiving non-LISP traffic with a LISP site destination?

A. PITR
B. map resolver
C. map server
D. PETR

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/td/docs/solutions/Enterprise/Data_Center/DCI/5-0/LISPmobility/DCI_LISP_Host_Mobility/LISPmobile_2.html

QUESTION 13
Which two protocols are used with YANG data models? (Choose two.)
A. TLS
B. RESTCONF
C. SSH
D. NETCONF
E. HTTPS

Correct Answer: BD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 14 Which HTTP status code is the correct response for a request with an incorrect password applied to a REST API session?

A. HTTP Status Code: 200 B.
HTTP Status Code: 302 C.
HTTP Status Code: 401
D. HTTP Status Code: 504

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://developer.mozilla.org/en-US/docs/Web/HTTP/Status/401

QUESTION 15 The login method is configured on the VTY lines of a router with these parameters.

• The first method for authentication is TACACS
• If TACACS is unavailable, login is allowed without any provided credentials

Which configuration accomplishes this task? A.

```
R1#sh run | include aaa
aaa new-model
aaa authentication login telnet group tacacs+ none
aaa session-id common

R1#sh run | section vty
line vty 0 4

R1#sh run | include username
R1#
```

R1#**sh run | include aaa**
aaa new-model
aaa authentication login default group tacacs+
aaa session-id common

R1#**sh run | section vty**
line vty 0 4
  transport input none
R1#
R1#**sh run | include aaa**
aaa new-model
aaa authentication login VTY group tacacs+ none
aaa session-id common

R1#**sh run | section vty**
line vty 0 4
  password 7 02050D480809

R1#**sh run | include username**
R1#
R1#**sh run | include aaa**
aaa new-model
aaa authentication login default group tacacs+ none
aaa session-id common

R1#**sh run | section vty**
line vty 0 4
  password 7 02050D480809

R1#**sh run | include username**
R1#

B. C.

D.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 16 Which statement about
multicast RPs is true?

A. RPs are required only when using protocol independent multicast dense mode.
B. RPs are required for protocol independent multicast sparse mode and dense mode.
C. By default, the RP is needed periodically to maintain sessions with sources and receivers.
D. By default, the RP is needed only to start new sessions with sources and receivers.
Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/td/docs/ios/solutions_docs/ip_multicast/White_papers/rps.html

QUESTION 17
To increase total throughput and redundancy on the links between the wireless controller and switch, the customer enabled LAG on the wireless controller.

Which EtherChannel mode must be configured on the switch to allow the WLC to connect?

A. Active
B. Passive
C. On
D. Auto

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://community.cisco.com/t5/wireless-mobility-documents/lag-link-aggregation/ta-p/3128669

QUESTION 18 Which feature does Cisco TrustSec use to provide scalable, secure communication
throughout a network?

A. security group tag ACL assigned to each port on a switch

B. security group tag number assigned to each user on a switch

C. security group tag number assigned to each port on a network

D. security group tag ACL assigned to each router on a network

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/solutions/collateral/borderless-networks/trustsec/C07-730151-00_overview_of_trustSec_og.pdf

QUESTION 19 An engineer configures a WLAN with fast transition enabled. Some legacy clients fail to connect
to this WLAN.

Which feature allows the legacy clients to connect while still allowing other clients to use fast transition based on their OUIs?

A. over the DS

B. 802.11k

C. adaptive R

D. 802.11v

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 20
Which exhibit displays a valid JSON file?

```json
{
    "hostname": "edge_router_1"
    "interfaces": {
        "GigabitEthernet1/1"
        "GigabitEthernet1/2"
        "GigabitEthernet1/3"
    }
}
{
    "hostname": "edge_router_1",
    "interfaces": {
        "GigabitEthernet1/1",
        "GigabitEthernet1/2",
        "GigabitEthernet1/3",
    },
}
{
    "hostname": "edge_router_1"
    "interfaces": [
        "GigabitEthernet1/1"
        "GigabitEthernet1/2"
        "GigabitEthernet1/3"
    ]
}
{
    "hostname": "edge_router_1",
    "interfaces": [
        "GigabitEthernet1/1",
        "GigabitEthernet1/2",
        "GigabitEthernet1/3"
    ]
}
```

A.

B.

C.

D.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 21
A network administrator is implementing a routing configuration change and enables routing debugs to track routing behavior during the change. The logging output on the terminal is interrupting the command typing process.
Which two actions can the network administrator take to minimize the possibility of typing commands incorrectly? (Choose two.)

A. Configure the **logging synchronous** global configuration command.
B. Configure the **logging synchronous** command under the vty.
C. Increase the number of lines on the screen using the **terminal length** command.
D. Configure the logging delimiter feature.
E. Press the TAB key to reprint the command in a new line.

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 22 Which two pieces of information are necessary to compute
SNR? (Choose two.)

A. transmit power
B. noise floor
C. EIRPD. RSSI
E. antenna gain

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:
Reference: https://community.cisco.com/t5/wireless-mobility-documents/snr-rssi-eirp-and-free-space-path-loss/ta-p/3128478

QUESTION 23 Which statements are used for error
handling in Python?

A. try/catch
B. catch/release
C. block/rescue
D. try/except

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 24 What are two benefits of virtualizing the server with the use of VMs in a data center environment?
(Choose two.)

A. reduced rack space, power, and cooling requirements
B. smaller Layer 2 domain
C. increased security
D. speedy deployment
E. reduced IP and MAC address requirements

Correct Answer: AD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 25 Which two steps are required for a complete Cisco DNA Center
upgrade? (Choose two.)

A. automation backup
B. system update
C. golden image selection
D. proxy configuration
E. application updates

Correct Answer: AB
Section: (none)
Explanation

Explanation/Reference:

QUESTION 26 What is a benefit of data modeling
languages like YANG?

A. They create more secure and efficient SNMP OIDs.
B. They provide a standardized data structure, which results in configuration scalability and consistency.
C. They enable programmers to change or write their own applications within the device operating system.
D. They make the CLI simpler and more efficient.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 27
Refer to the exhibit.

Name is Bob Johnson
Age is 75
is alive

Favorite foods are:
• Cereal
• Mustard
• Onions

What is the JSON syntax that is formed from the data?

A. {Name: Bob Johnson, Age: 75, Alive: true, Favorite Foods: [Cereal, Mustard, Onions]}
B. {"Name": "Bob Johnson", "Age": 75, "Alive": true, "Favorite Foods": ["Cereal", "Mustard", "Onions"]}
C. {'Name': 'Bob Johnson', 'Age': 75, 'Alive': True, 'Favorite Foods': 'Cereal', 'Mustard', 'Onions'}
D. {"Name": "Bob Johnson", "Age": Seventyfive, "Alive": true, "Favorite Foods": ["Cereal", "Mustard", "Onions"]}

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 28
Based on this interface configuration, what is the expected state of OSPF adjacency?

```
R1:
interface GigabitEthernet0/1
   ip address 192.0.2.1 255.255.255.252
   ip ospf 1 area 0
   ip ospf hello-interval 2
   ip ospf cost 1
end

R2:
interface GigabitEthernet0/1
   ip address 192.0.2.2 255.255.255.252
   ip ospf 1 area 0
   ip ospf cost 500
end
```

A. 2WAY/DROTHER on both routers
B. not established
C. FULL on both routers
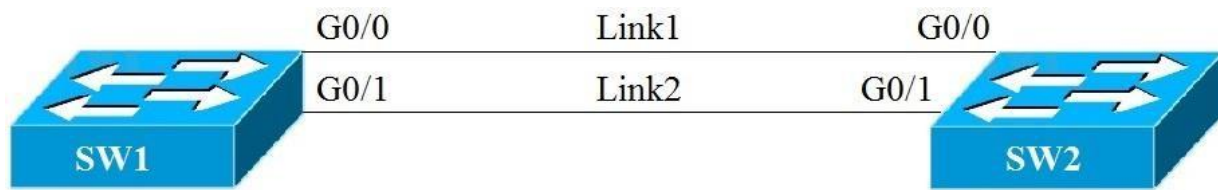D. FULL/BDR on R1 and FULL/BDR on R2

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 29
Refer to the exhibit.

```
SW2#show spanning-tree

   VLAN0001

      Spanning tree enabled protocol ieee

      Root ID    Priority    32769
                 Address     5000.0005.0000
                 Cost        4
                 Port        1 (GigabitEthernet0/0)
                 Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

      Bridge ID  Priority    32769 (priority 32769 sys-id-ext 1)
                 Address     5000.0006.0000
                 Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec
                 Aging Time  300 sec

Interface         Role  Sts  Cost  Prio.libr  Type
--------------    ----  ---  ----  --------   -------------------

Gi0/0             Root  FWD  4     128.1      P2p
Gi0/1             Alto  BLW  4     32.2       P2p
```

Link1 is a copper connection and Link2 is a fiber connection. The fiber port must be the primary port for all forwarding. The output of the **show spanning-tree** command on SW2 shows that the fiber port is blocked by spanning tree. An engineer enters the **spanning-tree port-priority 32** command on G0/1 on SW2, but the port remains blocked.

Which command should be entered on the ports that are connected to Link2 to resolve the issue?

A. Enter **spanning-tree port-priority 4** on SW2.
B. Enter **spanning-tree port-priority 32** on SW1.
C. Enter **spanning-tree port-priority 224** on SW1.
D. Enter **spanning-tree port-priority 64** on SW2.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 30 Which JSON
syntax is valid?

A. {"switch": "name": "dist1", "interfaces": ["gig1", "gig2", "gig3"]}
B. {/"switch/": {/"name/": "dist1", /"interfaces/": ["gig1", "gig2", "gig3"]}}
C. {"switch": {"name": "dist1", "interfaces": ["gig1", "gig2", "gig3"]}}
D. {'switch': ('name': 'dist1', 'interfaces': ['gig1', 'gig2', 'gig3'])}

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 31 What are two common sources of interference for Wi-Fi
networks? (Choose two.)

A. LED lights
B. radar
C. fire alarm
D. conventional oven
E. rogue AP

Correct Answer: AE
Section: (none)
Explanation

Explanation/Reference:

QUESTION 32 When using TLS for syslog, which configuration allows for secure and reliable transportation of messages to
its default port?

A. logging host 10.2.3.4 vrf mgmt transport tcp port 514
B. logging host 10.2.3.4 vrf mgmt transport udp port 514
C. logging host 10.2.3.4 vrf mgmt transport tcp port 6514
D. logging host 10.2.3.4 vrf mgmt transport udp port 6514

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://tools.ietf.org/html/rfc5425

QUESTION 33 Which behavior can be expected when the HSRP version is
changed from 1 to 2?

A. No changes occur because the standby router is upgraded before the active router.
B. No changes occur because version 1 and 2 use the same virtual MAC OUI.
C. Each HSRP group reinitializes because the virtual MAC address has changed.
D. Each HSRP group reinitializes because the multicast address has changed.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 34 Which protocol does REST API rely on to secure the
communication channel?

A. HTTP
B. SSH
C. HTTPS
D. TCP

Correct Answer: C

Section: (none)
Explanation

Explanation/Reference:

QUESTION 35
Refer to this output.

R1# *Feb 14 37:09:53.129: %LINEPROTO-5-UPDOWN: Line protocol on Interface GigabitEthernet0/1, changed state to up

What is the logging severity level?

A. notification
B. emergency
C. critical
D. alert

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 36
Refer to the exhibit.

```
R1#show ip bgp
BGP table version is 32, local router ID is 192.168.101.5
Status codes: S suppressed, d damped, h history, *valid, > best, i - internal,
              r RIB-failure, S Stale, m multipath, b backup-path, f RT-Filter,
              x best-external, a additional-path, c RIB-compressed,
Origin codes: i - IGP, e - EGP, ? - incomplete
RPKI validation codes: V valid, I invalid, N Not found
     Network          Next Hop          Metric   LocPrf   Weight   Path
*    192.168.102.0    192.168.101.18      80                   0   64517i
*                     192.168.101.14      80        80         0   64516i
*                     192.168.101.10                           0   64515 64515i
*>                    192.168.101.2                        32768   64513i
*                     192.168.101.6                 80         0   64514 64514i
```

Which IP address becomes the active next hop for 192.168.102.0/24 when 192.168.101.2 fails?

A. 192.168.101.10
B. 192.168.101.14
C. 192.168.101.6
D. 192.168.101.18

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 37

Which PAgP mode combination prevents an EtherChannel from forming?

A. auto/desirable
B. desirable/desirable
C. desirable/auto
D. auto/auto

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.omnisecu.com/cisco-certified-network-associate-ccna/etherchannel-pagp-and-lacp-modes.php

QUESTION 38 If a VRRP master router fails, which router is selected as the new
master router?

A. router with the lowest priority
B. router with the highest priority
C. router with the highest loopback address
D. router with the lowest loopback address

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 39 Which QoS component alters a packet to change the way that traffic is treated
in the network?

A. policing
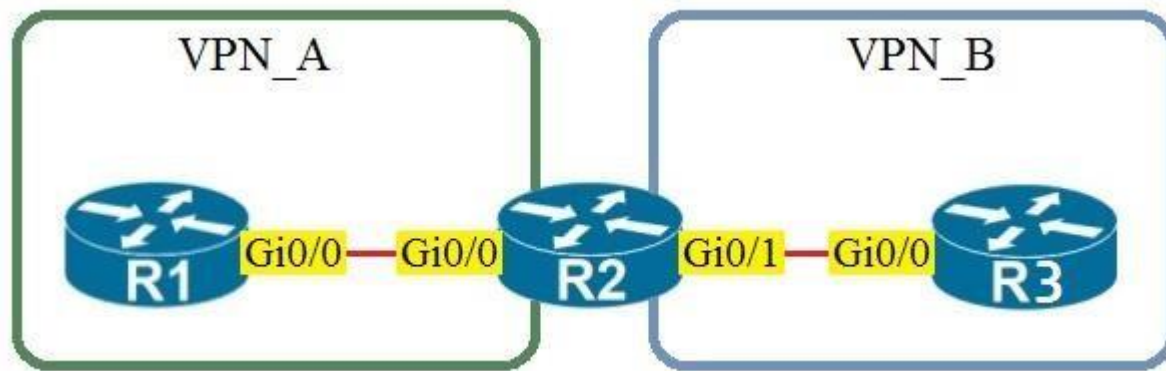B. classification
C. marking
D. shaping

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 40
Refer to the exhibit.

Assuming that R1 is a CE router, which VRF is assigned to Gi0/0 on R1?

A. default VRF
B. VRF VPN_A
C. VRF VPN_B
D. management VRF

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 41
Refer to the exhibit.

Based on the configuration in this WLAN security setting, which method can a client use to authenticate to the network?

A. text string
B. username and password
C. RADIUS token
D. certificate

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 42 Which two mechanisms are available to secure
NTP? (Choose two.)

A. IPsec
B. IP prefix list-based
C. encrypted authentication
D. TACACS-based authentication
E. IP access list-based

Correct Answer: CE
Section: (none)
Explanation
Explanation/Reference:

QUESTION 43
Which technology provides a secure communication channel for all traffic at Layer 2 of the OSI model?

A. SSL
B. Cisco TrustSec
C. MACsec
D. IPsec

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 44
Refer to the exhibit.

```
Extended IP access list EGRESS
10 permit ip 10.0.0.0.0.0.0.255 any
!
<Output Omitted>
!
interface GigabitEthernet0/0
ip address 209.165.200.225  255.255.255.0
ip access-group EGRESS out
duplex auto
speed auto
media-type rj45
!
```

An engineer must block all traffic from a router to its directly connected subnet 209.165.200.0/24. The engineer applies access control list EGRESS in the outbound direction on the GigabitEthernet0/0 interface of the router. However, the router can still ping hosts on the 209.165.200.0/24 subnet.

Which explanation of this behavior is true?

A. Access control lists that are applied outbound to a router interface do not affect traffic that is sourced from the router.
B. After an access control list is applied to an interface, that interface must be shut and no shut for the access control list to take effect.
C. Only standard access control lists can block traffic from a source IP address.
D. The access control list must contain an explicit deny to block traffic from the router.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 45
Which two methods are used by an AP that is trying to discover a wireless LAN controller? (Choose two.)
A. Cisco Discovery Protocol neighbor
B. querying other APs

C. DHCP Option 43
D. broadcasting on the local subnet
E. DNS lookup CISCO-DNA-PRIMARY.localdomain

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/wireless/5500-series-wireless-controllers/119286-lap-notjoin-wlc-tshoot.html#backinfo

QUESTION 46 Which IP SLA operation requires the IP SLA responder to be configured on
the remote end?

A. UDP jitter
B. ICMP jitter
C. TCP connect
D. ICMP echo

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst4500/12-2/46sg/configuration/guide/Wrapper-46SG/swipsla.pdf

QUESTION 47
Which statement explains why Type 1 hypervisor is considered more efficient than Type2 hypervisor?

A. Type 1 hypervisor is the only type of hypervisor that supports hardware acceleration techniques.
B. Type 1 hypervisor relies on the existing OS of the host machine to access CPU, memory, storage, and network resources.
C. Type 1 hypervisor runs directly on the physical hardware of the host machine without relying on the underlying OS.
D. Type 1 hypervisor enables other operating systems to run on it.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 48
A client with IP address 209.165.201.25 must access a web server on port 80 at 209.165.200.225. To allow this traffic, an engineer must add a statement to an access control list that is applied in the inbound direction on the port connecting to the web servers.

Which statement allows this traffic?

A. permit tcp host 209.165.200.225 lt 80 host 209.165.201.25
B. permit tcp host 209.165.201.25 host 209.165.200.225 eq 80C. permit tcp host 209.165.200.225 eq 80 host 209.165.201.25
D. permit tcp host 209.165.200.225 host 209.165.201.25 eq 80

Correct Answer: D
Section: (none)
Explanation
Explanation/Reference:

QUESTION 49 In OSPF, which LSA type is responsible for pointing to
the ASBR router?

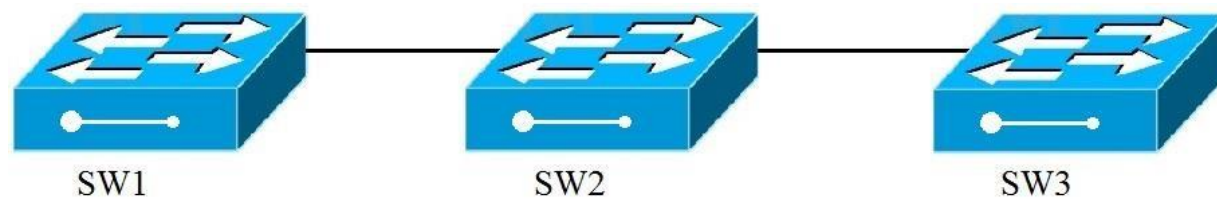A. type 1
B. type 2
C. type 3
D. type 4

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 50
Refer to the exhibit.

VLANs 50 and 60 exist on the trunk links between all switches. All access ports on SW3 are configured for VLAN 50 and SW1 is the VTP server.

Which command ensures that SW3 receives frames only from VLAN 50?

A. SW1(config)#**vtp mode transparent**
B. SW3(config)#**vtp mode transparent**
C. SW2(config)#**vtp pruning**
D. SW1(config)#**vtp pruning**

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.orbit-computer-solutions.com/vtp-pruning/

QUESTION 51 Which statement about a fabric
access point is true?

A. It is in local mode and must be connected directly to the fabric edge switch.
B. It is in local mode and must be connected directly to the fabric border nodeC. It is in FlexConnect mode and must be connected directly to the fabric border node.
D. It is in FlexConnect mode and must be connected directly to the fabric edge switch.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/td/docs/solutions/CVD/Campus/sda-sdg-2019oct.html

QUESTION 52
Which First Hop Redundancy Protocol maximizes uplink utilization and minimizes the amount of configuration that is necessary?

A. GLBP
B. HSRP v2C. VRRP
D. HSRP v1

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 53 Which standard access control entry permits traffic from odd-numbered hosts in the
10.0.0.0/24 subnet?

A. permit 10.0.0.0 0.0.0.1
B. permit 10.0.0.1 0.0.0.254
C. permit 10.0.0.1 0.0.0.0
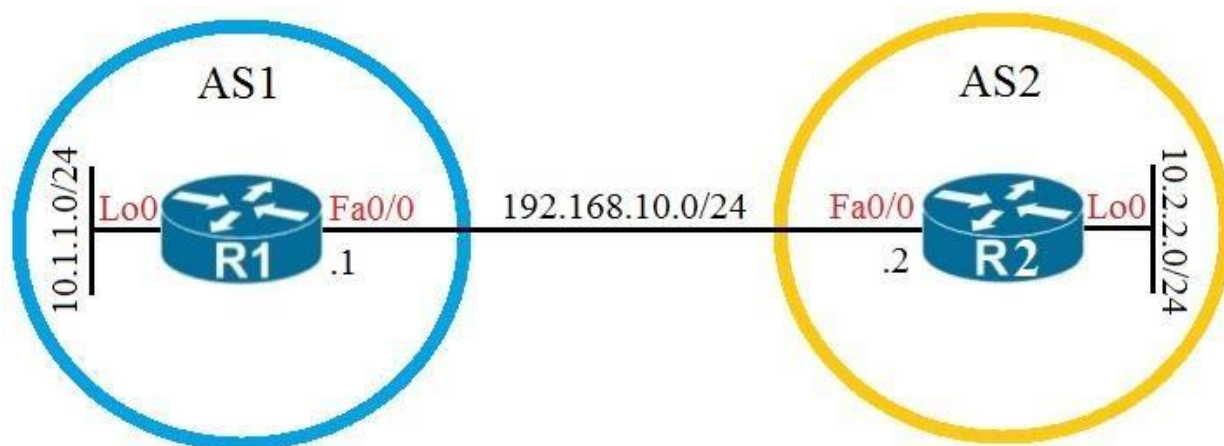D. permit 10.0.0.0 255.255.255.254

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 54
Refer to the exhibit.

Which configuration establishes EBGP connected neighborship between these two directly connected neighbors and exchanges the loopback network of the two routers through BGP?

A. R1(config)#**router bgp 1**
   R1(config-router)#**neighbor 192.168.10.2 remote-as 2**
   R1(config-router)#**network 10.1.1.0 mask 255.255.255.0**

   R2(config)#**router bgp 2**
   R2(config-router)#**neighbor 192.168.10.1 remote-as 1**
   R2(config-router)#**network 10.2.2.0 mask 255.255.255.0**
B. R1(config)#**router bgp 1**
   R1(config-router)#**neighbor 10.2.2.2 remote-as 2**
   R1(config-router)#**network 10.1.1.0 mask 255.255.255.0**

   R2(config)#**router bgp 2**
   R2(config-router)#**neighbor 10.1.1.1 remote-as 1**

R2(config-router)#**network 10.2.2.0 mask 255.255.255.0**

C. R1(config)#**router bgp 1**
R1(config-router)#**neighbor 192.168.10.2 remote-as 2**
R1(config-router)#**network 10.0.0.0 mask 255.0.0.0**

R2(config)#**router bgp 2**
R2(config-router)#**neighbor 192.168.10.1 remote-as 1**
R2(config-router)#**network 10.0.0.0 mask 255.0.0.0**

D. R1(config)#**router bgp 1**
R1(config-router)#**neighbor 10.2.2.2 remote-as 2**
R1(config-router)#**neighbor 10.2.2.2 update-source |o0** R1(config-
router)#**network 10.1.1.0 mask 255.255.255.0**

R2(config)#**router bgp 2**
R2(config-router)#**neighbor 10.1.1.1 remote-as 1**
R2(config-router)#**neighbor 10.1.1.1 update-source |o0**
R2(config-router)#**network 10.2.2.0 mask 255.255.255.0**

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 55
Refer to the exhibit.

Antenna Azimuth Plane Pattern

Antenna Elevation Plane Pattern

Which type of antenna do the radiation patterns present?

A. Yagi
B. patch
C. omnidirectional
D. dipole

Correct Answer: B

Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/products/collateral/wireless/aironet-antennas-accessories/prod_white_paper0900aecd806a1a3e.html

QUESTION 56 Which method creates an EEM applet policy that is registered with EEM and runs on
demand or manually?

A. event manager applet ondemand event
    none
    action 1.0 syslog priority critical msg 'This is a message from ondemand'
B. event manager applet ondemand action 1.0 syslog priority critical msg
'This is a message from ondemand' C. event manager applet ondemand
event register
    action 1.0 syslog priority critical msg 'This is a message from ondemand'
D. event manager applet ondemand event manual action 1.0 syslog priority
critical msg 'This is a message from ondemand'

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 57
An engineer is configuring local web authentication on a WLAN. The engineer chooses the Authentication radio button under the Layer 3 Security options for Web Policy.

Which device presents the web authentication for the WLAN?

A. ISE server
B. RADIUS server
C. anchor WLC
D. local WLC

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 58 Which controller is the single plane of management for
Cisco SD-WAN?

A. vBond
B. vSmart
C. vManage
D. vEdge

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/dam/en/us/td/docs/solutions/CVD/SDWAN/CVD-SD-WAN-Design-2018OCT.pdf

QUESTION 59 A network is being migrated from IPv4 to IPv6 using a dual-stack approach. Network management is already 100%
IPv6 enabled.

In a dual-stack network with two dual-stack NetFlow collectors, how many flow exporters are needed per network device in the flexible NetFlow configuration?

A.   1
B.   2
C. 4
D. 8

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 60
DRAG DROP

Drag and drop the descriptions from the left onto the correct QoS components on the right.

Select and Place:

Answer Area

	Traffic Policing
causes TCP retransmissions when traffic is dropped	
buffers excessive traffic	
introduces no delay and jitter	
	Traffic Shaping
introduces delay and jitter	
drops excessive traffic	
typically delays, rather than drops traffic	

Correct Answer:

Answer Area

causes TCP retransmissions when traffic is dropped	**Traffic Policing**
buffers excessive traffic	causes TCP retransmissions when traffic is dropped
introduces no delay and jitter	introduces delay and jitter
introduces delay and jitter	drops excessive traffic
drops excessive traffic	**Traffic Shaping**
typically delays, rather than drops traffic	buffers excessive traffic
	introduces no delay and jitter
	typically delays, rather than drops traffic

Section: (none)
Explanation

Explanation/Reference:

QUESTION 61 Which statement about TLS is true when using RESTCONF to write configurations on
network devices?

A. It is used for HTTP and HTTPS requests.
B. It requires certificates for authentication.
C. It is provided using NGINX acting as a proxy web server.
D. It is not supported on Cisco devices.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b_166_programmability_cg/b_166_programmability_cg_chapter_01011.html

QUESTION 62
Which reason could cause an OSPF neighborship to be in the EXSTART/EXCHANGE state?

A. mismatched OSPF link costs
B. mismatched OSPF network type
C. mismatched areas
D. mismatched MTU size

Correct Answer: D
Section: (none)

Explanation
Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/ip/open-shortest-path-first-ospf/13684-12.html#neighbors

QUESTION 63 Which LISP device is responsible for publishing EID-to-RLOC
mappings for a site?

A. ETR
B. MR
C. ITR
D. MS

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/products/collateral/ios-nx-os-software/locator-id-separation-protocol-lisp/white_paper_c11-652502.html

QUESTION 64 Which method does the enable secret password option use to encrypt
device passwords?

A. MD5
B. PAP
C. CHAP
D. AES

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/security-vpn/remote-authentication-dial-user-service-radius/107614-64.html

QUESTION 65 Which statement about agent-based versus agentless configuration
management tools is true?

A. Agentless tools use proxy nodes to interface with slave nodes.
B. Agentless tools require no messaging systems between master and slaves.
C. Agent-based tools do not require a high-level language interpreter such as Python or Ruby on slave nodes.
D. Agent-based tools do not require installation of additional software packages on the slave nodes.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 66 Which statement about Cisco Express
Forwarding is true?

A. The CPU of a router becomes directly involved with packet switching decisions.
B. It uses a fast cache that is maintained in a router data plane.
C. It maintains two tables in the data plane: the FIB and adjacency table.
D. It makes forwarding decisions by a process that is scheduled through the IOS scheduler.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 67
Refer to the exhibit.

```
access-list 1 permit 10.1.1.0 0.0.0.31
ip nat pool CISCO 209.165.201.1. 209.165.201.30 netmask 255.255.255.224
ip nat inside source list 1 pool CISCO
```

What are two effects of this configuration? (Choose two.)

A. It establishes a one-to-one NAT translation.
B. The 209.165.201.0/27 subnet is assigned as the outside local address range.
C. The 10.1.1.0/27 subnet is assigned as the inside local addresses.
D. Inside source addresses are translated to the 209.165.201.0/27 subnet.
E. The 10.1.1.0/27 subnet is assigned as the inside global address range.

Correct Answer: CD
Section: (none)
Explanation

Explanation/Reference:

QUESTION 68 When configuring WPA2 Enterprise on a WLAN, which additional security component configuration is required?

A. PKI server
B. NTP server
C. RADIUS server
D. TACACS server

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/wireless/4400-series-wireless-lan-controllers/100708-wpa-uwn-config.html#conf

QUESTION 69 What is the structure of a
JSON web token?

A. three parts separated by dots: header, payload, and signature
B. three parts separated by dots: version, header, and signature
C. header and payload
D. payload and signature

Correct Answer: A
Section: (none)
Explanation

QUESTION 70 A response code of 404 is received while using the REST API on Cisco DNA Center to

POST to this URI: /dna/intent/api/v1/template-programmer/project

What does the code mean?

A. The POST/PUT request was fulfilled and a new resource was created. Information about the resource is in the response body.
B. The request was accepted for processing, but the processing was not completed.
C. The client made a request for a resource that does not exist.
D. The server has not implemented the functionality that is needed to fulfill the request.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/td/docs/cloud-systems-management/application-policy-infrastructure-controller-enterprise-module/1-2-x/config-guide/b_apic-em_config_guide_v_1-2-x/b_apic-em_config_guide_v_1-2x_chapter_01001.html

QUESTION 71 What is a benefit of deploying an on-premises infrastructure versus a cloud
infrastructure deployment?

A. ability to quickly increase compute power without the need to install additional hardware
B. less power and coding resources needed to run infrastructure on-premises
C. faster deployment times because additional infrastructure does not need to be purchasedD. lower latency between systems that are physically located near each other

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 72
A customer has several small branches and wants to deploy a Wi-Fi solution with local management using CAPWAP.

Which deployment model meets this requirement?

A. local mode
B. autonomous
C. SD-Access wireless
D. Mobility Express

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 73 Which two operations are valid for
RESTCONF? (Choose two.)

A. PULL
B. PUSH
C. PATCH

D. REMOVE
E. ADD
F. HEAD

Correct Answer: CF
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/prog/configuration/166/b_166_programmability_cg/b_166_programmability_cg_chapter_01011.html

QUESTION 74
Refer to the exhibit.

Clients > Detail

< Back   Apply   Link Test   Remove

Client Properties

MAC Address	00:09:ef:95:07:bd
IP Address	192.100.101.100
Client Type	Regular
User Name	
Port Number	29
Interface	Staff
VLAN ID	1602
CCX Version	Not Supported
E2E Version	Not Supported
Mobility Role	Anchor
Mobility Peer IP Address	172.22.253.20.
Policy Manager State	LUN
Management Frame Protection	No
UpTime (Sec)	3710
Power Save Mode	OFF
Current TxRateSet	
Data RateSet	5.5,11.0,6.6,9.0,12.0,19.0,24.0,26.6,40.0,51.6

AP Properties

AP Address	3c:ce:73:1b:33:39
AP Name	172.22.253.20
AP Type	Mobile
WLAN Profile	Staff
Status	Associated
Association ID	0
802.11 Authentication	Open System
Reason Code	1
Status Code	0
CF Pollable	Not Implemented
CF Poll Request	Not Implemented
Short Preamble	Implemented
PBCC	Not Implemented
Channel Agility	Not Implemented
Timeout	0
WEP State	WEP Enable

The WLC administrator sees that the controller to which a roaming client associates has Mobility Role Anchor configured under Clients > Detail.

Which type of roaming is supported?

A. indirect
B. Layer 3 intercontrollerC. intracontroller
D. Layer 2 intercontroller

Correct Answer: D
Section: (none)
Explanation

QUESTION 75 In which part of the HTTP message is the content
type specified?

A. HTTP method
B. body
C. header
D. URI

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://developer.mozilla.org/en-US/docs/Web/HTTP/Headers/Content-Type

QUESTION 76 Which statement about
VXLAN is true?

A. VXLAN encapsulates a Layer 2 frame in an IP-UDP header, which allows Layer 2 adjacency across router boundaries.
B. VXLAN uses the Spanning Tree Protocol for loop prevention.
C. VXLAN extends the Layer 2 Segment ID field to 24-bits, which allows up to 4094 unique Layer 2 segments over the same network.
D. VXLAN uses TCP as the transport protocol over the physical data center network.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 77
DRAG DROP

Drag and drop the characteristics from the left onto the correct infrastructure deployment types on the right.

Select and Place:

Answer Area

On Premises

customizable hardware, purpose-built systems

easy to scale and upgrade

more suitable for companies with specific regulatory or security requirements

Cloud

resources can be over or underutilized as requirements vary

requires a strong and stable internet connection

built-in, automated data backups and recovery

Correct Answer:

Answer Area

On Premises

customizable hardware, purpose-built systems

more suitable for companies with specific regulatory or security requirements

resources can be over or underutilized as requirements vary

Cloud

easy to scale and upgrade

requires a strong and stable internet connection

built-in, automated data backups and recovery

Option boxes (left):

- customizable hardware, purpose-built systems
- easy to scale and upgrade
- more suitable for companies with specific regulatory or security requirements
- resources can be over or underutilized as requirements vary
- requires a strong and stable internet connection
- built-in, automated data backups and recovery

Section: (none)
Explanation

Explanation/Reference:

QUESTION 78 Which statement about Cisco
EAP-FAST is true?

A. It requires a client certificate.
B. It is an IETF standard.
C. It does not require a RADIUS server certificate.
D. It operates in transparent mode.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/wireless/4400-series-wireless-lan-controllers/99791-eapfast-wlc-rad-config.html

QUESTION 79
What do Cisco DNA southbound APIs provide?

A. interface between the controller and the consumer
B. RESTful API interface for orchestrator communication
C. interface between the controller and the network devices
D. NETCONF API interface for orchestrator communication

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 80
Which DNS lookup does an access point perform when attempting CAPWAP discovery?

A. CISCO-CONTROLLER.local
B. CAPWAP-CONTROLLER.local
C. CISCO-CAPWAP-CONTROLLER.local
D. CISCO-DNA-CONTROLLER.local

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:
Reference: http://www.revolutionwifi.net/revolutionwifi/2010/11/capwap-controller-discovery-process_23.html

QUESTION 81 Which TCP setting is tuned to minimize the risk of fragmentation on a GRE/IP tunnel?

A. MSS B.
MTU
C. MRU
D. window size

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 82
DRAG DROP

Drag and drop the characteristics from the left onto the correct routing protocol types on the right.

Select and Place:

Answer Area

	OSPF
supports unequal path load balancing	
link state routing protocol	
distance vector routing protocol	
metric based on delay and reliability by default	**EIGRP**
makes it easy to segment the network logically	
constructs three tables as part of its operation: neighbor table, topology table, and routing table	

Correct Answer:

Answer Area

supports unequal path load balancing
link state routing protocol
distance vector routing protocol
metric based on delay and reliability by default
makes it easy to segment the network logically
constructs three tables as part of its operation: neighbor table, topology table, and routing table

OSPF

link state routing protocol
makes it easy to segment the network logically
constructs three tables as part of its operation: neighbor table, topology table, and routing table

EIGRP

supports unequal path load balancing
distance vector routing protocol
metric based on delay and reliability by default

Section: (none)
Explanation

Explanation/Reference:

QUESTION 83 Which statement about an RSPAN session
configuration is true?

A. Only one session can be configured at a time.
B. A special VLAN type must be used as the RSPAN destination.
C. A filter must be configured for RSPAN sessions.
D. Only incoming traffic can be monitored.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 84
Refer to the exhibit.

```
Extended IP access list EGRESS
10 permit ip 10.1.100.0  0.0.0.255 10.1.2.0 0.0.0.255
20 deny ip any any
```

An engineer must modify the access control list EGRESS to allow all IP traffic from subnet 10.1.10.0/24 to 10.1.2.0/24. The access control list is applied in the outbound direction on router interface GigabitEthernet 0/1.

Which configuration commands can the engineer use to allow this traffic without disrupting existing traffic flows? A.

```
config t
    ip access-list extended EGRESS
    permit ip 10.1.10.0 255.255.255.0 10.1.2.0 255.255.255.0

config t
    ip access-list extended EGRESS2
    permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255
    permit ip 10.1.100.0 0.0.0.255 10.1.2.0 0.0.0.255
    deny ip any any
    !
    interface g0/1
     no ip access-group EGRESS out
     ip access-group EGRESS2 out

config t
    ip access-list extended EGRESS
    permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255

config t
    ip access-list extended EGRESS
    5 permit ip 10.1.10.0 0.0.0.255 10.1.2.0 0.0.0.255
```

B.

C.

D.

Correct Answer: D
Section: (none)
Explanation

Explanation/Reference:

QUESTION 85 What is the role of a fusion router in an SD-
Access solution?

A. acts as a DNS server
B. provides additional forwarding capacity to the fabric
C. performs route leaking between user-defined virtual networks and shared services
D. provides connectivity to external networks
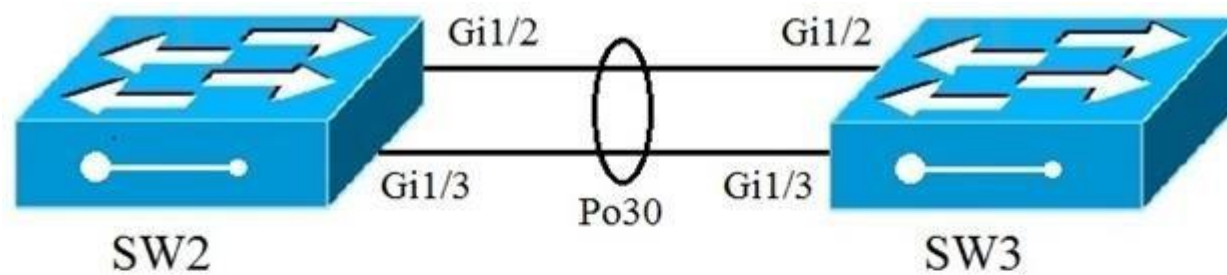
Correct Answer: C
Section: (none)
Explanation
Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/cloud-systems-management/dna-center/213525-sda-steps-to-configure-fusion-router.html#anc1

QUESTION 86
Refer to the exhibit.


```
Interface gi1/2
Channel-group 30 mode desirable
Port-channel load-balance src-ip

Interface gi1/3
Channel-group 30 mode desirable
Port-channel load-balance src-ip

Interface PortChannel 30
Switchport mode trunk
Switchport encapsulation dot1q
Switchport trunk allowed vlan 10-100
```

A port channel is configured between SW2 and SW3. SW2 is not running a Cisco operating system. When all physical connections are made, the port channel does not establish.

Based on the configuration except of SW3, what is the cause of the problem?

A. The port-channel mode should be set to auto.
B. The port channel on SW2 is using an incompatible protocol.
C. The port-channel trunk is not allowing the native VLAN.
D. The port-channel interface load balance should be set to src-mac.

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 87 What does this EEM applet
event accomplish?

"event snmp oid 1.3.6.1.3.7.0.9.5.3.1.2.9 get-type next entry-op gt entry-val 75 poll-interval 5"

A. Upon the value reaching 75%, a SNMP event is generated and sent to the trap server.
B. It reads an SNMP variable, and when the value exceeds 75%, it triggers an action.
C. It issues email when the value is greater than 75% for five polling cycles.
D. It presents a SNMP variable that can be interrogated.
Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 88 Which method displays text directly into the active console with a synchronous
EEM applet policy?

A. event manager applet boom event
   syslog pattern 'UP'
   action 1.0 syslog priority direct msg 'logging directly to console'
B. event manager applet boom event syslog pattern 'UP' action 1.0
gets 'logging directly to console' C. event manager applet boom
event syslog pattern 'UP' action 1.0 string 'logging directly to
console' D. event manager applet boom event syslog pattern 'UP'
action 1.0 puts 'logging directly to console'

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/td/docs/ios-xml/ios/eem/configuration/xe-3s/eem-xe-3s-book/eem-policy-cli.html

QUESTION 89 Which two GRE features are configured to prevent
fragmentation? (Choose two.)

A. TCP window size
B. IP MTU
C. TCP MSS
D. DF bit clear
E. MTU ignore

Correct Answer: BC
Section: (none)
Explanation

Explanation/Reference:
Reference: https://www.cisco.com/c/en/us/support/docs/ip/generic-routing-encapsulation-gre/25885-pmtud-ipfrag.html

QUESTION 90 Which action is the vSmart controller responsible for in an SD-
WAN deployment?

A. onboard vEdge nodes into the SD-WAN fabric
B. gather telemetry data from vEdge routers
C. distribute security information for tunnel establishment between vEdge routers
D. manage, maintain, and gather configuration and status for nodes within the SD-WAN fabric

Correct Answer: C
Section: (none)
Explanation
Explanation/Reference:

QUESTION 91
Which description of an SD-access wireless network infrastructure deployment is true?

A. The access point is part of the fabric overlay.
B. The wireless client is part of the fabric overlay.
C. The access point is part of the fabric underlay.
D. The WLC is part of the fabric underlay.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 92 Which feature is supported by EIGRP but is not
supported by OSPF?

A. route filtering
B. unequal-cost load balancing
C. route summarization
D. equal-cost load balancing

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 93 What is the correct EBGP path attribute list, ordered from most preferred to least preferred, that the BGP best-path
algorithm uses?

A. local preference, weight, AS path, MED B.
weight, local preference, AS path, MED C.
weight, AS path, local preference, MED

D. local preference, weight, MED, AS path

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 94 At which layer does Cisco DNA Center support
REST controls?

A. session layer
B. northbound APIs
C. EEM applets or scripts
D. YAML output from responses to API calls

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:

QUESTION 95 On which protocol or technology is the fabric data plane based in Cisco
SD-Access fabric?

A. VXLAN
B. LISP
C. Cisco TrustSec
D. IS-IS

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 96 What is the difference between the enable password and the enable secret password when service password encryption is enabled on
an IOS device?

A. The enable secret password is protected via stronger cryptography mechanisms.
B. The enable password cannot be decrypted.
C. The enable password is encrypted with a stronger encryption method.
D. There is no difference and both passwords are encrypted identically.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 97 Which access control list allows only TCP traffic with a destination port range of 22-443,
excluding port 80?

A. deny tcp any any eq 80permit
   tcp any any gt 21 lt 444
B. permit tcp any any range 22
   443deny tcp any any eq 80
C. permit tcp any any ne 80D. deny
   tcp any any ne 80 permit tcp any
   any range 22 443

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 98 Which statement describes the IP and MAC allocation requirements for virtual machines on Type
1 hypervisors?

A. Virtual machines do not require a unique IP or unique MAC. They share the IP and MAC address of the physical server.
B. Each virtual machine requires a unique IP address but shares the MAC address with the physical server.
C. Each virtual machine requires a unique IP and MAC addresses to be able to reach to other nodes.
D. Each virtual machine requires a unique MAC address but shares the IP address with the physical server.

Correct Answer: C
Section: (none)
Explanation

Explanation/Reference:

QUESTION 99 A local router shows an EBGP neighbor in
the Active state.

Which statement is true about the local router?

A. The local router is attempting to open a TCP session with the neighboring router.
B. The local router is receiving prefixes from the neighboring router and adding them in RIB-IN.
C. The local router has active prefixes in the forwarding table from the neighboring router.
D. The local router has BGP passive mode configured for the neighboring router.

Correct Answer: A
Section: (none)
Explanation

Explanation/Reference:

QUESTION 100 Which feature must be configured to allow packet capture over Layer
3 infrastructure?

A. RSPAN
B. ERSPAN
C. VSPAN
D. IPSPAN

Correct Answer: B
Section: (none)
Explanation

Explanation/Reference:
Reference: https://community.cisco.com/t5/networking-documents/understanding-span-rspan-and-erspan/ta-p/3144951