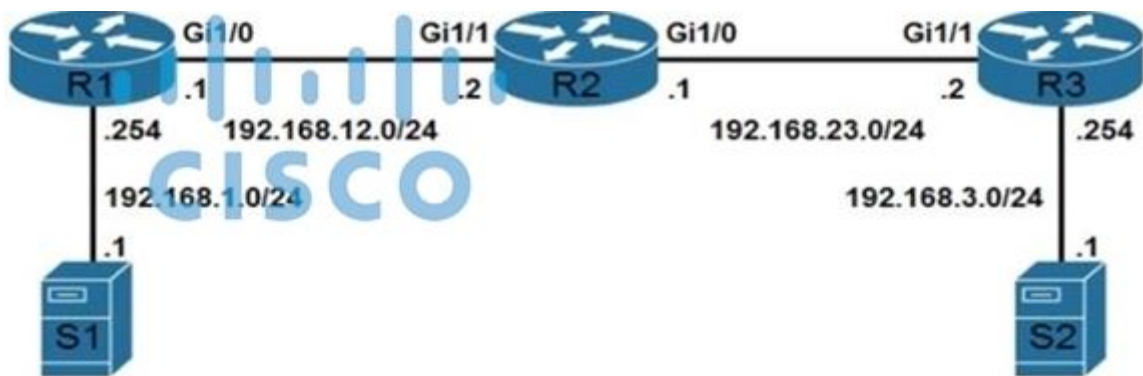


Cisco.350-401.v2022-08-08.q131

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Exam Name:	Implementing Cisco Enterprise Network Core Technologies (350-401 ENCOR)
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NEW QUESTION: 1

Refer to the exhibit.



```

> Frame 7: 106 bytes on wire (848 bytes), 106 bytes captured (848 bits) on interface 0
> Ethernet II, Src: Vmware_8e:02:44 (00:50:56:8e:02:44), Dst: CiscoInc_0b:36:d1 (00:1d:a1:8b:36:d1)
v Internet Protocol Version 4, Src: 192.168.1.1, Dst: 192.168.3.1
  0100 .... = Version: 4
  .... 0101 = Header Length: 20 bytes
  > Differentiated Services Field: 0x00 (DSCP: CS0, ECN: Not-ECT)
  Total Length: 92
  Identification: 0x03c7 (967)
  > Flags: 0x00
  Fragment offset: 0
  v Time to live: 2
    Protocol: ICMP (1)
  > Header checksum: 0x0000 [validation disabled]
  Source: 192.168.1.1
  Destination: 192.168.3.1
  [Source GeoIP: Unknown]
  [Destination GeoIP: Unknown]
v Internet Control Message Protocol
  Type: E (Echo (ping) request)
  Code: 0
  Checksum: 0xf783 [correct]
  Identifier (BE): 1 (0x0001)
  Identifier (LE): 256 (0x0100)
  Sequence number (BE): 123 (0x007b)
  Sequence number (LE): 31488 (0x7b00)
  > [No response seen]
  > Data (64 bytes)

```

Which troubleshooting a routing issue, an engineer issues a ping from S1 to S2. When two actions from the initial value of the TTL? (Choose two.)

- A. The packet reaches R3, and the TTL expires
- B. R2 replies with a TTL exceeded message
- C. R3 replies with a TTL exceeded message.
- D. The packet reaches R2 and the TTL expires
- E. R1 replies with a TTL exceeded message
- F. The packet reaches R1 and the TTL expires.

Answer: (SHOW ANSWER)

Source MAC in the capture is VMWare, MAC is Cisco. Routers first check the TTL before any further process, subtract 1 at R1. Send to R2, subtract and you have ZERO. Discard packet and reply with ICMP Time Exceeded message from that point, don't even bother checking the Route table for further processing.

NEW QUESTION: 2

An engineer must create a new SSID on a Cisco 9800 wireless LAN controller. The client has asked to use a pre-shared key for authentication Which profile must the engineer edit to achieve this requirement?

- A. Policy
- B. WLAN
- C. Flex
- D. RF

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 3

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

Answer: B,C ([LEAVE A REPLY](#))

NEW QUESTION: 4

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. SD-Access wireless
- B. Local mode
- C. Autonomous
- D. Mobility Express

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 5

Refer to the exhibit.

```
>>> netconf_data["GigabitEthernet"][0]["enabled"]
u'false'
>>> netconf_data["GigabitEthernet"][1]["enabled"]
u'true'
>>> netconf_data["GigabitEthernet"][2]["enabled"]
u'false'
>>> netconf_data["GigabitEthernet"][0]["description"]
u'my description'
```

Which Python code snippet prints the descriptions of disabled interfaces only?

```
>>> netconf_data["GigabitEthernet"][0]["enabled"]
u'false'
>>> netconf_data["GigabitEthernet"][1]["enabled"]
u'true'
>>> netconf_data["GigabitEthernet"][2]["enabled"]
u'false'
>>> netconf_data["GigabitEthernet"][0]["description"]
u'my description'
```

A)

```
for interface in netconf_data["GigabitEthernet"]:
    if interface["disabled"] != 'true':
        print(interface["description"])
```

B)

```
for interface in netconf_data["GigabitEthernet"]:
    print(interface["enabled"])
    print(interface["description"])
```

C)

```
for interface in netconf_data["GigabitEthernet"]:
    if interface["enabled"] != 'false':
        print(interface["description"])
```

D)

```
for interface in netconf_data["GigabitEthernet"]:
    if interface["enabled"] != 'true':
        print(interface["description"])
```

- A. Option
- B. Option
- C. Option
- D. Option

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 6

What does the cisco REST response indicate?

- A. Cisco DNA Center has the incorrect credentials for cat9000-1
- B. Cisco DNA Center is unable to communicate with cat9000-1
- C. Cisco DNA Center has the Incorrect credentials for cat3850-1
- D. Cisco DNA Center has the Incorrect credentials for RouterASR-1

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 7

Refer to the exhibit.

```
monitor session 1 source vlan 10 - 12 rx
monitor session 1 destination interface gigabitethernet0/1
```

An engineer must configure a SPAN session. What is the effect of the configuration?

- A. Traffic received on VLANs 10, 11, and 12 is copied and sent to Interface g0/1.
- B. Traffic received on VLANs 10 and 12 only is copied and sent to interface g0/1.
- C. Traffic sent on VLANs 10, 11, and 12 is copied and sent to interface g0/1.
- D. Traffic sent on VLANs 10 and 12 only is copied and sent to interface g0/1.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 8

.....commands or command set must be used? (Choose two.)

A)

`show quality-of-service-profile`

B)

`show ip interface brief`

C)

```
access-list 150 permit udp 10.0.1.4 0.0.0.0 host 10.0.1.2 eq snmp
class-map match-all CoPP-management
match access-group 150
policy-map CoPP-policy
class CoPP-management
  police 8000 conform-action transmit exceed-action transmit
  violate-action transmit
control-plane
Service-policy input CoPP-policy
```

D)

`show policy-map control-plane`

E)

```
access-list 150 permit udp 10.0.1.4 0.0.0.0 host 10.0.1.2 eq snmp
access-list 150 permit udp 10.0.1.4 0.0.0.0 eq snmp host 10.0.1.2
class-map match-all CoPP-management
match access-group 150
policy-map CoPP-policy
class CoPP-management
  police 8000 conform-action transmit exceed-action transmit
  violate-action drop
control-plane
Service-policy input CoPP-policy
```

- A. Option A
- B. Option C
- C. Option B
- D. Option D

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 9

A network engineer is configuring Flexible Netflow and enters these commands Sampler Netflow1 Mode random one-out-of-100 Interface fastethernet 1/0 Flow-sampler netflow1 Which are two results of implementing this feature instead of traditional Netflow? (Choose two.)

- A. The data export flow is more secure.
- B. The accuracy of the data to be analyzed is improved
- C. The number of packets to be analyzed are reduced
- D. CPU and memory utilization are reduced.
- E. Only the flows of top 100 talkers are exported

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 10

A network engineer configures a new GRE tunnel and enters the show run command. What does the output verify?

- A. The tunnel destination will be known via the tunnel interface
- B. The tunnel keepalive is configured incorrectly because they must match on both sites
- C. The tunnel will be established and work as expected
- D. The default MTU of the tunnel interface is 1500 byte.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 11

When are multicast RPs required?

- A. RPs are required only when using protocol independent multicast dense mode.
- B. By default, the RP is needed only start new sessions with sources and receivers.
- C. By default, the RP is needed periodically to maintain sessions with sources and receivers.
- D. RPs are required for protocol Independent multicast sparse mode and dense mode.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 12

What is the difference between CEF and process switching?

- A. CEF uses the FIB and the adjacency table to make forwarding decisions, whereas process switching punts each packet.
- B. Process switching is faster than CEF.
- C. CEF processes packets that are too complex for process switching to manage.
- D. CEF is more CPU-intensive than process switching.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 13

Refer to the exhibit. POSTMAN is showing an attempt to retrieve network device information from Cisco DNA Center API. What is the issue?

- A. The URI string is incorrect
- B. The token has expired.

- C. Authentication has failed
- D. The JSON payload contains the incorrect UUID

Answer: A (LEAVE A REPLY)

NEW QUESTION: 14

Refer to the exhibit.

```
Switch1#show lacp internal
Flags: S - Device is requesting Slow LACPDUs
       F - Device is requesting Fast LACPDUs
       A - Device is in Active mode           P - Device is in Passive mode

Channel group 1
LACP port      Admin   Oper   Port      Port
Port           Flags  State  Priority  Key      Key    Number  State
Gi0/0          SP    hot-sby 20        0x1     0x1    0x1     0x5
Gi0/1          SA    bndl   15        0x1     0x1    0x2     0x3C
```

An engineer attempts to bundle interface GiO/0 into the port channel, but it does not function as expected. Which action resolves the issue?

- A. Configure channel-group 1 mode active on interface GiO/0.
- B. Enable fast LACP PDUs on interface GiO/0.
- C. Configure no shutdown on interface GiO/0
- D. Set LACP max-bundle to 2 on interface Port-channeM

Answer: B (LEAVE A REPLY)

NEW QUESTION: 15

An engineer has deployed a single Cisco 5520 WLC with a management IP address of 172.16.50.5/24. The engineer must register 50 new Cisco AIR-CAP2802I-E-K9 access points to the WLC using DHCP option 43. The access points are connected to a switch in VLAN 100 that uses the 172.16.100.0/24 subnet. The engineer has configured the DHCP scope on the switch as follows:

```
Network 172.16.100.0 255.255.255.0
Default Router 172.16.100.1
Option 43 Ascii 172.16.50.5
```

The access points are failing to join the wireless LAN controller. Which action resolves the issue?

- A. configure option 43 Hex F104.AC10.3205
- B. configure dns-server 172.16.100.1
- C. configure dns-server 172.16.50.5
- D. configure option 43 Hex F104.CA10.3205

Answer: A (LEAVE A REPLY)

NEW QUESTION: 16

How cloud deployments differ from on-prem deployments?

- A. Cloud deployments are more customizable than on-premises deployments.
- B. Cloud deployments require longer implementation times than on-premises deployments
- C. Cloud deployments require less frequent upgrades than on-premises deployments.
- D. Cloud deployments have lower upfront costs than on-premises deployments.

Answer: C (LEAVE A REPLY)

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NEW QUESTION: 17

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"]}]
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C (LEAVE A REPLY)

This JSON can be written as follows:

```
{  
'switch': {  
'name': 'dist1',  
'interfaces': ['gig1', 'gig2', 'gig3']  
}  
}
```

NEW QUESTION: 18

An engineer must create an EEM script to enable OSPF debugging in the event the OSPF neighborhood goes down. Which script must the engineer apply?

```
> event manager applet ENABLE_OSPF_DEBUG
  event syslog pattern "%OSPF-5-ADJCHG: Process 5, Nbr 1.1.1.1 on Serial0/0 from LOADING to FULL'
  action 1.0 cli command "enable"
  action 2.0 cli command "debug ip ospf event"
  action 3.0 cli command "debug ip ospf adj"
  action 4.0 syslog priority informational msg "ENABLE_OSPF_DEBUG"

> event manager applet ENABLE_OSPF_DEBUG
  event syslog pattern "%OSPF-5-ADJCHG: Process 5, Nbr 1.1.1.1 on Serial0/0 from LOADING to FULL'
  action 1.0 cli command "debug ip ospf event"
  action 2.0 cli command "debug ip ospf adj"
  action 3.0 syslog priority informational msg "ENABLE_OSPF_DEBUG"

> event manager applet ENABLE_OSPF_DEBUG
  event syslog pattern "%OSPF-5-ADJCHG: Process 6, Nbr 1.1.1.1 on Serial0/0 from FULL to DOWN"
  action 1.0 cli command "enable"
  action 2.0 cli command "debug ip ospf event"
  action 3.0 cli command "debug ip ospf adj"
  action 4.0 syslog priority informational msg "ENABLE_OSPF_DEBUG"

> event manager applet ENABLE_OSPF_DEBUG
  event syslog pattern "%OSPF-5-ADJCHG: Process 5, Nbr 1.1.1.1 on Serial0/0 from FULL to DOWN"
  action 1.0 cli command "debug ip ospf event"
  action 2.0 cli command "debug ip ospf adj"
  action 3.0 syslog priority informational msg "ENABLE_OSPF_DEBUG"
```

- A. Option D
- B. Option B
- C. Option A
- D. Option C

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 19

What NTP Stratum level is a server that is connected directly to an authoritative time source?

- A. Stratum 0
- B. Stratum 1
- C. Stratum 14
- D. Stratum 15

Answer: ([SHOW ANSWER](#))

Reference:

figuration/guide/bsm/16-6-1/b-asm-xe-16-6-1-asr920/bsm-timecalendar-set.html

NEW QUESTION: 20

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

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 21

Refer to the exhibit.

```
Tunnel100 is up, line protocol is up
Hardware is Tunnel
Internet address is 192.168.200.1/24
MTU 17912 bytes, BW 100 Kbit/sec, DLY 50000 usec,
  reliability 255/255, txload 1/255, rxload 1/255
Encapsulation TUNNEL, loopback not set
Keepalive set (10 sec), retries 3
Tunnel source 209.165.202.129 (GigabitEthernet0/1)
Tunnel Subblocks:
  src-track:
    Tunnel100 source tracking subblock associated with GigabitEthernet0/1
    Set of tunnels with source GigabitEthernet0/1, 1 members (includes iterators), on interface <OK>
Tunnel protocol/transport GRE/IP
  Key disabled, sequencing disabled
  Checksumming of packets disabled
Tunnel TTL 255, Fast tunneling enabled
Tunnel transport MTU 1476 bytes
```

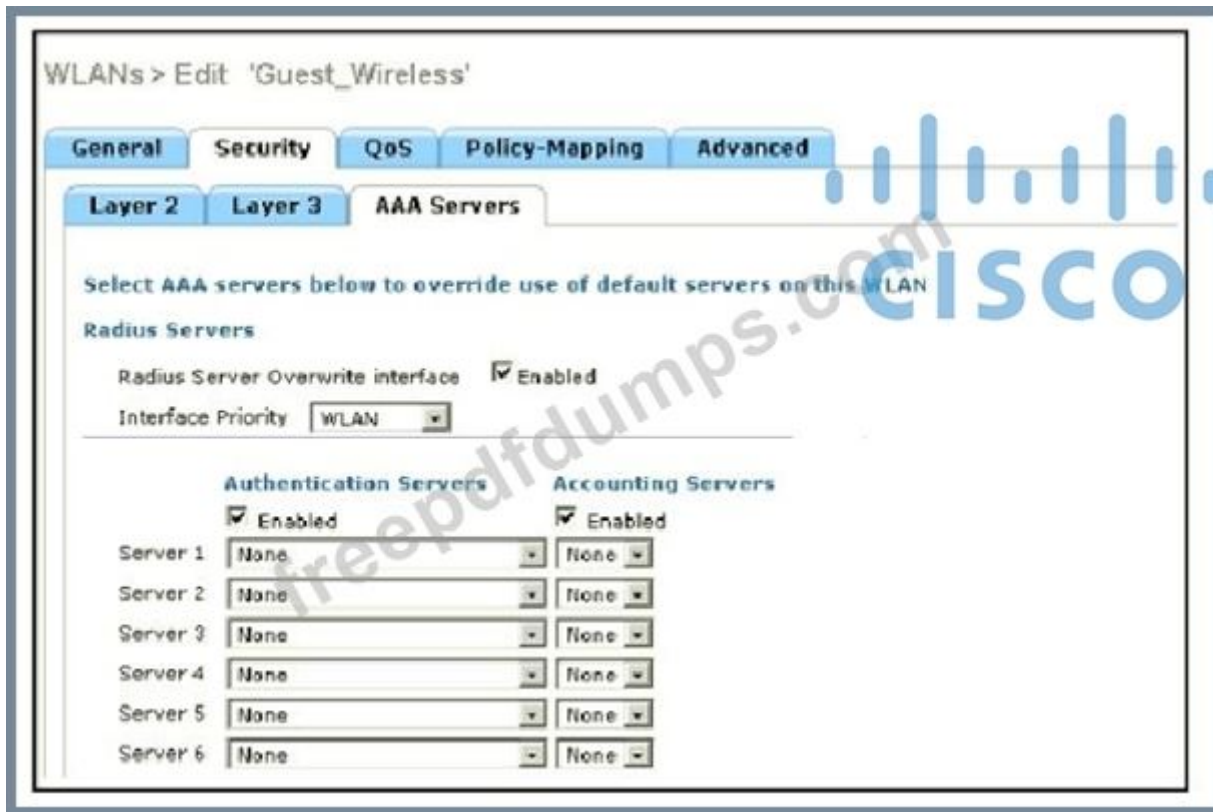
A network engineer configures a GRE tunnel and enters the show Interface tunnel command. What does the output confirm about the configuration?

- A. The tunnel mode is set to the default.
- B. The physical interface MTU is 1476 bytes.
- C. The keepalive value is modified from the default value.
- D. Interface tracking is configured.

Answer: A (LEAVE A REPLY)

NEW QUESTION: 22

Refer to the exhibit.



Assuming the WLC's interfaces are not in the same subnet as the RADIUS server, which interface would the WLC use as the source for all RADIUS-related traffic?

- A. the interface specified on the WLAN configuration
- B. any interface configured on the WLC
- C. the controller virtual interface
- D. the controller management interface

Answer: A (LEAVE A REPLY)

NEW QUESTION: 23

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

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

Answer: B (LEAVE A REPLY)

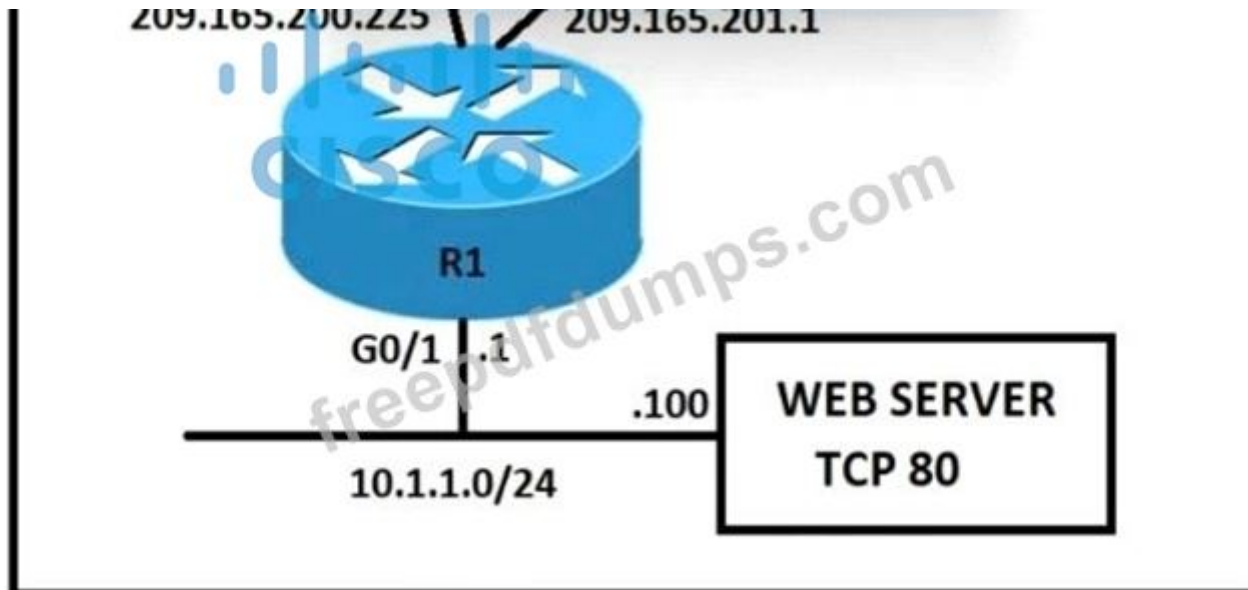
The REST API accepts and returns HTTP (not enabled by default) or HTTPS messages that contain JavaScript Object Notation (JSON) or Extensible Markup Language (XML) documents. You can use any programming language to generate the messages and the JSON or XML documents that contain the API methods or Managed Object (MO) descriptions.

Reference:

x/rest_cfg/2_1_x/b_Cisco_APIC_REST_API_Configuration_Guide/b_Cisco_APIC_REST_API_Configuration_Guide_chapter_01.html

NEW QUESTION: 24

Refer to the exhibit.



An engineer must configure static NAT on R1 to allow users HTTP access to the web server on TCP port 80. The web server must be reachable through ISP 1 and ISP 2. Which command set should be applied to R1 to fulfill these requirements?

- A. ip nat inside source static tcp 10.1.1.100 80 209.165.200.225 80 no-alias ip nat inside source static tcp 10.1.1.100 80 209.165.201.1 80 no-alias
- B. ip nat inside source static tcp 10.1.1.100 80 209.165.200.225 80 ip nat inside source static tcp 10.1.1.100 8080 209.165.201.1 8080
- C. ip nat inside source static tcp 10.1.1.100 80 209.165.200.225 80 ip nat inside source static tcp 10.1.1.100 80 209.165.201.1 80
- D. ip nat inside source static tcp 10.1.1.100 80 209.165.200.225 80 extendable ip nat inside source static tcp 10.1.1.100 80 209.165.201.1 80 extendable

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 25

Under which network conditions is an outbound QoS policy that is applied on a router WAN interface most beneficial?

- A. under network convergence condition
- B. under traffic classification and marking conditions.
- C. under all network condition
- D. under interface saturation condition

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 26

Refer to the exhibit. A network engineer troubleshoots an issue with the port channel between SW1 and SW2. which command resolves the issue?

- A)

SW1(config-if)#channel-group 10 mode desirable

B)

SW1(config-if)#channel-group 10 mode active

C)

SW2(config-if)#switchport mode trunk

D)

SW2(config-if)#channel-group 10 mode on

A. Option A

B. Option C

C. Option B

D. Option D

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 27

Which AP mode allows an engineer to scan configured channels for rogue access points?

A. sniffer

B. monitor

C. local

D. bridge

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 28

What is the difference between a RIB and a FIB?

A. The RIB is used to make IP source prefix-based switching decisions

B. The FIB is where all IP routing information is stored

C. The RIB maintains a mirror image of the FIB

D. The FIB is populated based on RIB content

Answer: D ([LEAVE A REPLY](#))

CEF uses a Forwarding Information Base (FIB) to make IP destination prefix-based switching decisions. The FIB is conceptually similar to a routing table or information base. It maintains a mirror image of the forwarding information contained in the IP routing table. When routing or topology changes occur in the network, the IP routing table is updated, and those changes are reflected in the FIB. The FIB maintains next-hop address information based on the information in the IP routing table. Because there is a one-to-one correlation between FIB entries and routing table entries, the FIB contains all known routes and eliminates the need for route cache maintenance that is associated with earlier switching paths such as fast switching and optimum switching.

Note: In order to view the Routing information base (RIB) table, use the "show ip route" command. To view the Forwarding Information Base (FIB), use the "show ip cef" command. RIB is in Control plane while FIB is in Data plane.

NEW QUESTION: 29

Which two components are supported by LISP? (Choose two.)

- A. HMAC algorithm
- B. egress tunnel router
- C. route reflector
- D. spoke
- E. Proxy ETR

Answer: B,E ([LEAVE A REPLY](#))

NEW QUESTION: 30

An engineer must enable a login authentication method that allows a user to log in by using local authentication if all other defined authentication methods fail Which configuration should be applied?

- A. aaa authentication login CONSOLE group radius local-case enable aaa
- B. authentication login CONSOLE group radius local enable none
- C. aaa authentication login CONSOLE group radius local enable
- D. aaa authentication login CONSOLE group tacacs+ local enable

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 31



Refer to the exhibit. An engineer must deny HTTP traffic from host A to host B while allowing all other communication between the hosts, drag and drop the commands into the configuration to achieve these results. Some commands may be used more than once. Not all commands are used.

```
SW1(config)# ip access-list extended DENY-HTTP
SW1(config-ext-nacl)# [ ] tcp host 10.1.1.10 host 10.1.1.20 eq www

SW1(config)# ip access-list extended MATCH_ALL
SW1(config-ext-nacl)# [ ] ip any any

SW1(config)# vlan access-map HOST-A-B 10
SW1(config-access-map)# match ip address DENY-HTTP
SW1(config-access-map)# [ ]

SW1(config)# vlan access-map HOST-A-B 20
SW1(config-access-map)# match ip address MATCH_ALL
SW1(config-access-map)# [ ]

SW1(config)# vlan filter HOST-A-B vlan 10
```

action drop action forward filter permit deny match

Answer:

```
SW1(config)# ip access-list extended DENY-HTTP
SW1(config-ext-nacl)# deny tcp host 10.1.1.10 host 10.1.1.20 eq www

SW1(config)# ip access-list extended MATCH_ALL
SW1(config-ext-nacl)# permit ip any any

SW1(config)# vlan access-map HOST-A-B 10
SW1(config-access-map)# match ip address DENY-HTTP
SW1(config-access-map)# action drop

SW1(config)# vlan access-map HOST-A-B 20
SW1(config-access-map)# match ip address MATCH_ALL
SW1(config-access-map)# action forward

SW1(config)# vlan filter HOST-A-B vlan 10
```

action drop action forward filter permit deny match

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NEW QUESTION: 32

Drag and drop characteristics of PIM dense mode from the left to the right.

builds source-based distribution trees

uses a push model to distribute multicast traffic

uses a pull model to distribute multicast traffic

uses prune mechanisms to stop unwanted multicast traffic

builds shared distribution trees

requires a rendezvous point to deliver multicast traffic

PIM Dense Mode

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Answer:



Reference:

PIM dense mode (PIM-DM) uses a push model to flood multicast traffic to every corner of the network. This push model is a brute-force method of delivering data to the receivers. This method would be efficient in certain deployments in which there are active receivers on every subnet in the network. PIM-DM initially floods multicast traffic throughout the network. Routers that have no downstream neighbors prune the unwanted traffic. This process repeats every 3 minutes.

A rendezvous point (RP) is required only in networks running Protocol Independent Multicast sparse mode (PIM-SM).

In PIM dense mode (PIM-DM), multicast traffic is initially flooded to all segments of the network. Routers that have no downstream neighbors or directly connected receivers prune back the unwanted traffic.

NEW QUESTION: 33

Which access point mode allows a supported AP to function like a WLAN client would, associating and identifying client connectivity issues?

- A. client mode
- B. SE-connect mode
- C. sensor mode
- D. sniffer mode

Answer: C (LEAVE A REPLY)

As these wireless networks grow especially in remote facilities where IT professionals may not always be onsite, it becomes even more important to be able to quickly identify and resolve potential connectivity issues ideally before the users complain or notice connectivity degradation. To address these issues we have created Cisco's Wireless Service Assurance and a new AP mode called

"sensor" mode. Cisco's Wireless Service Assurance platform has three components, namely, Wireless Performance Analytics, Real-time Client Troubleshooting, and Proactive Health Assessment. Using a supported AP or dedicated sensor the device can actually function much like a WLAN client would associating and identifying client connectivity issues within the network in real time without requiring an IT or technician to be on site.

NEW QUESTION: 34

In a Cisco SD-WAN solution, how is the health of a data plane tunnel monitored?

- A. with OMP
- B. ARP probing
- C. using BFD
- D. with IP SLA

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 35

Which two network problems indicate a need to implement QoS in a campus network? (Choose two.)

- A. excess jitter
- B. bandwidth-related packet loss
- C. port flapping
- D. duplicate IP addresses
- E. misrouted network packets

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 36

A customer wants to use a single SSID to authenticate IoT devices using different passwords. Which Layer 2 security type must be configured in conjunction with Cisco ISE to achieve this requirement?

- A. Central Web Authentication
- B. Cisco Centralized Key Management
- C. Fast Transition
- D. Identity PSK

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 37

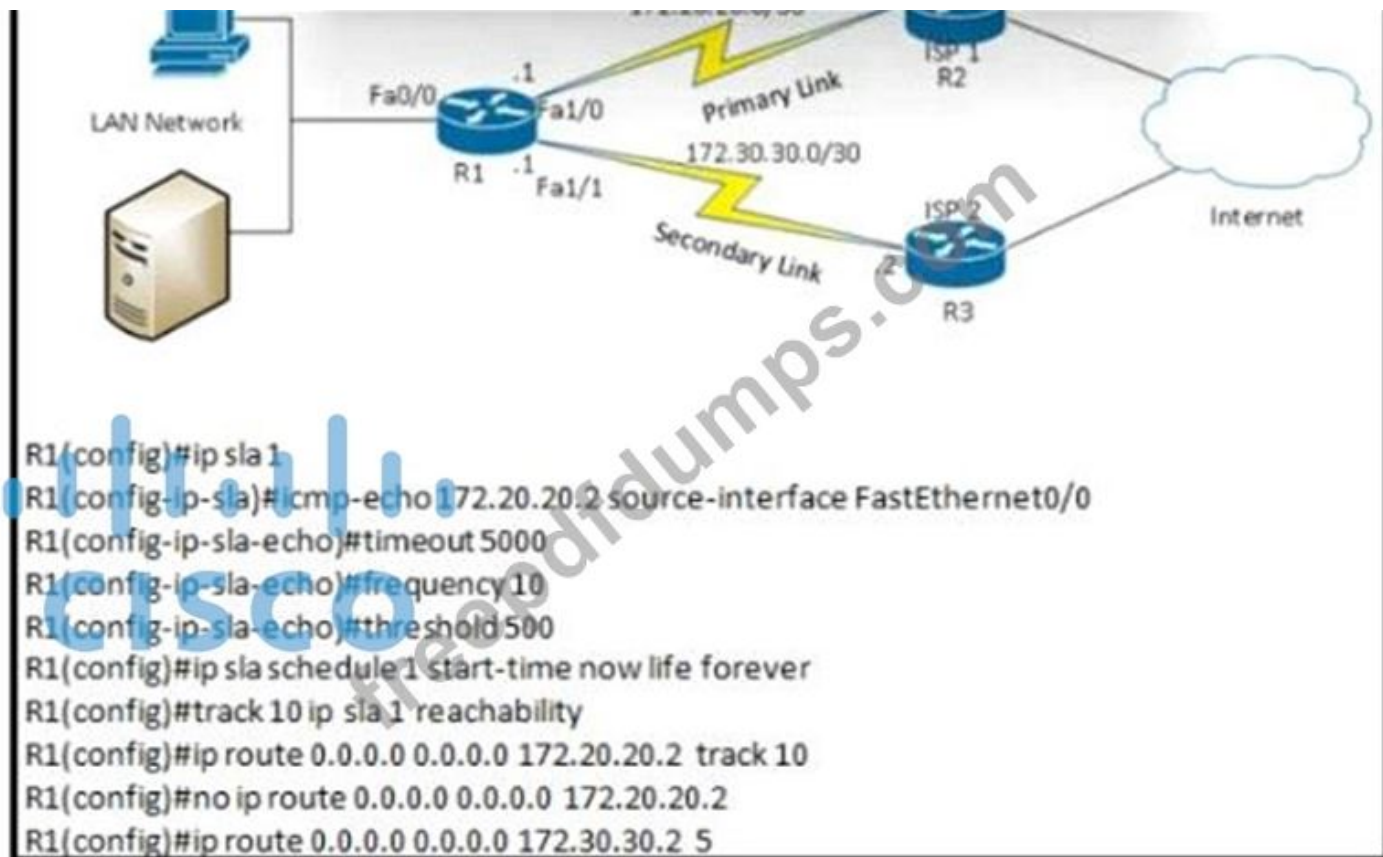
Refer to the exhibit. How was spanning-tree configured on this interface?

- A. By entering the command `spanning-tree vlan 10,20,30,40 root primary` in the interface configuration mode
- B. By entering the command `spanning-tree portfast` in the interface configuration mode
- C. By entering the command `spanning-tree portfast trunk` in the interface configuration mode.
- D. By entering the command `spanning-tree mst1 vlan 10,20,30,40` in the global configuration mode

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 38

Refer to the exhibit.



What are two reasons for IP SLA tracking failure? (Choose two)

- A. The source-interface is configured incorrectly.
- B. A route back to the R1 LAN network is missing in R2.
- C. The destination must be 172 30 30 2 for icmp-echo
- D. The threshold value is wrong
- E. The default route has the wrong next hop IP address

Answer: B,D ([LEAVE A REPLY](#))

NEW QUESTION: 39

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. local WLC
- C. RADIUS server
- D. anchor WLC

Answer: ([SHOW ANSWER](#))

"The next step is to configure the WLC for the Internal web authentication. Internal web authentication is the default web authentication type on WLCs." In step 4 of the link above, we will

configure Security as described in this question. Therefore we can deduce this configuration is for Internal web authentication.

This paragraph was taken from the link <https://www.cisco.com/c/en/us/support/docs/wireless-mobility/wlan-security/69340-web-auth-config.html#c5> :

NEW QUESTION: 40

A network engineer is enabling HTTPS access to the core switch, which requires a certificate to be installed on the switch signed by the corporate certificate authority Which configuration commands are required to issue a certificate signing request from the core switch?

A)

```
Core-Switch(config)#crypto pki enroll Core-Switch  
Core-Switch(config)#ip http secure-trustpoint Core-Switch
```

B)

```
Core-Switch(config)#crypto pki trustpoint Core-Switch  
Core-Switch(ca-trustpoint)#enrollment terminal  
Core-Switch(config)#crypto pki enroll Core-Switch
```

C)

```
Core-Switch(config)#crypto pki trustpoint Core-Switch  
Core-Switch(ca-trustpoint)#enrollment terminal  
Core-Switch(config)#ip http secure-trustpoint Core-Switch  
Core-Switch(config)#ip http secure-trustpoint Core-Switch  
Core-Switch(config)#crypto pki enroll Core-Switch
```

A. Option A

B. Option D

C. Option B

D. Option C

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 41

At which Layer does Cisco DNA Center support REST controls?

A. Northbound APIs

B. EEM applets or scripts

C. YMAL output from responses to API calls

D. Session layer

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 42

Which configuration restricts the amount of SSH that a router accepts 100 kbps?

A)

```

class-map match-all CoPP_SSH
  match access-group name CoPP_SSH
!
policy-map CoPP_SSH
  class CoPP_SSH
    police cir 10000
    exceed-action drop
!
interface GigabitEthernet0/1
  ip address 192.168.200.225 255.255.255.0
  ip access-group CoPP_SSH out
  duplex full
  speed 100
  media-type rj45
  service-policy input CoPP_SSH
!
ip access-list extended CoPP_SSH
  permit tcp any any eq 22

```

B)

```

class-map match-all CoPP_SSH
  match access-group name CoPP_SSH
!
policy-map CoPP_SSH
  class CoPP_SSH
    police cir 10000
    exceed-action drop
!
interface GigabitEthernet0/1
  ip address 192.168.200.225 255.255.255.0
  ip access-group CoPP_SSH out
  duplex full
  speed 100
  media-type rj45
  service-policy input CoPP_SSH
!
ip access-list extended CoPP_SSH
  permit tcp any any eq 22

```

C)

```

class-map match-all CoPP_SSH
  match access-group name CoPP_SSH
!
policy-map CoPP_SSH
  class CoPP_SSH
    police cir 10000
    exceed-action drop
!
control-plane
  service-policy input CoPP_SSH
!
ip access-list extended CoPP_SSH
  permit tcp any any eq 22

```

D)

```

class-map match-all CoPP_SSH
  match access-group name CoPP_SSH
!
policy-map CoPP_SSH
  class CoPP_SSH
    police cir 10000
    exceed-action drop
!
control-plane transit
  service-policy input CoPP_SSH
!
ip access-list extended CoPP_SSH
  permit tcp any any eq 22

```

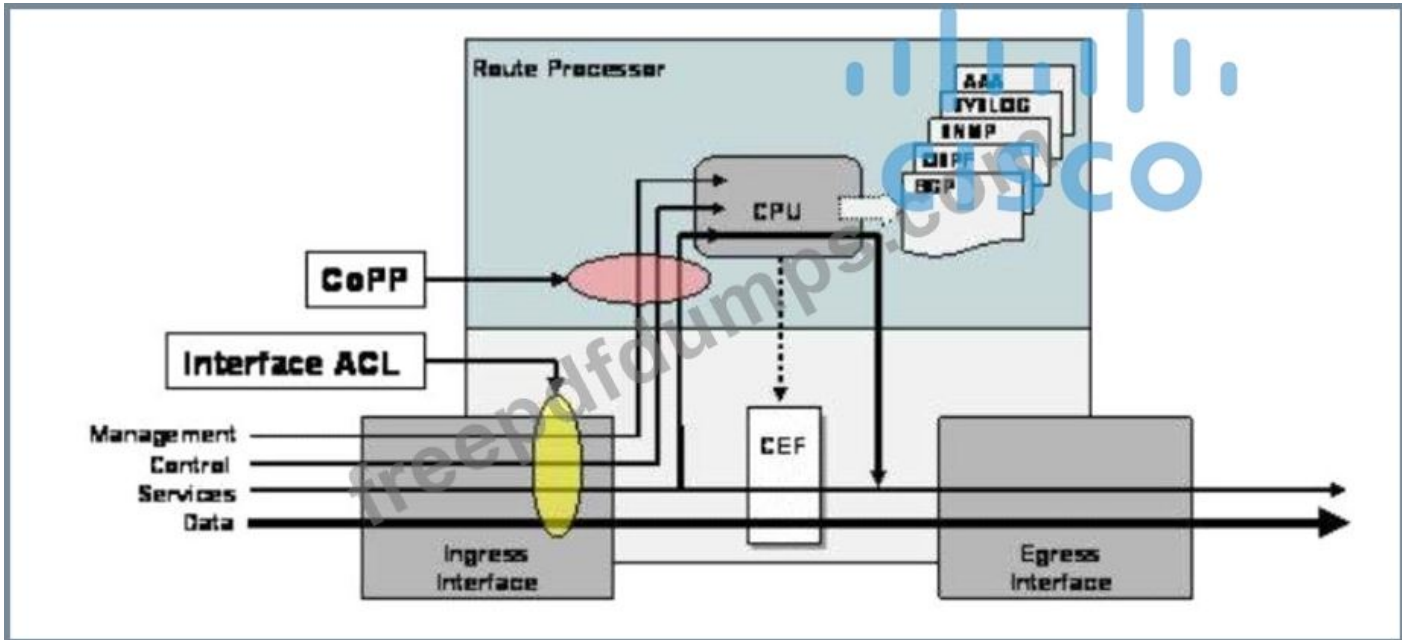
- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C (LEAVE A REPLY)

CoPP protects the route processor on network devices by treating route processor resources as a separate entity with its own ingress interface (and in some implementations, egress also). CoPP is used to police traffic that is destined to the route processor of the router such as:

- + routing protocols like OSPF, EIGRP, or BGP.
- + Gateway redundancy protocols like HSRP, VRRP, or GLBP.

+ Network management protocols like telnet, SSH, SNMP, or RADIUS.



Therefore we must apply the CoPP to deal with SSH because it is in the management plane. CoPP must be put under "control-plane" command.

NEW QUESTION: 43

In a Cisco SD-Access solution, what is the role of the Identity Services Engine?

- A. it is used to analyze endpoint to app flows and monitor fabric status.
- B. It is leveraged for dynamic endpoint to group mapping and policy definition.
- C. It provides GUI management and abstraction via apps that share context.
- D. It manages the LISP EID database.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 44

What is the responsibility of a secondary WLC?

- A. It avoids congestion on the primary controller by sharing the registration load on the LAPs.
- B. It shares the traffic load of the LAPs with the primary controller.
- C. It enables Layer 2 and Layer 3 roaming between itself and the primary controller.
- D. It registers the LAPs if the primary controller fails.

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 45

Which new enhancement was implemented in Wi-Fi 6?

- A. Wi-Fi Protected Access 3
- B. Uplink and Downlink Orthogonal Frequency Division Multiple Access
- C. 4096 Quadrature Amplitude Modulation Mode
- D. Channel bonding

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 46

What are two differences between the RIB and the FIB? (Choose two.)

- A. The FIB is derived from the control plane, and the RIB is derived from the FIB.
- B. FIB is a database of routing prefixes, and the RIB is the information used to choose the egress interface for each packet.
- C. The FIB is derived from the data plane, and the RIB is derived from the FIB.
- D. The RIB is a database of routing prefixes, and the FIB is the Information used to choose the egress interface for each packet.
- E. The RIB is derived from the control plane, and the FIB is derived from the RIB.

Answer: D,E (LEAVE A REPLY)

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NEW QUESTION: 47

An engineer must configure AAA on a Cisco 9800 WLC for central web authentication Which two commands are needed to accomplish this task? (Choose two.)

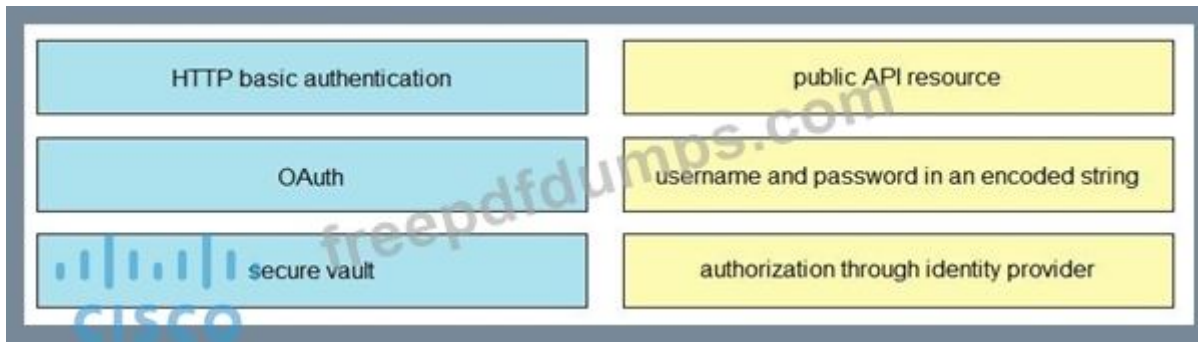
```
(Cisco Controller) > config wlan aaa-override disable <wlan-id>
(Cisco Controller) > config radius acct add 10.10.10.12 1812 SECRET
(Cisco Controller) > config wlan aaa-override enable <wlan-id>
Device(config-locsvr-da-radius) # client 10.10.10.12 server-key 0 SECRET
Device(config) # aaa server radius dynamic-author
```

- A. Option C
- B. Option D
- C. Option B
- D. Option A
- E. Option E

Answer: A,B (LEAVE A REPLY)

NEW QUESTION: 48

Drag and drop the REST API authentication methods from the left onto their descriptions on the right.



Answer:



NEW QUESTION: 49

Which two threats does AMP4E have the ability to block? (Choose two.)

- A. Microsoft Word macro attack
- B. DDoS
- C. email phishing
- D. SQL injection
- E. ransomware

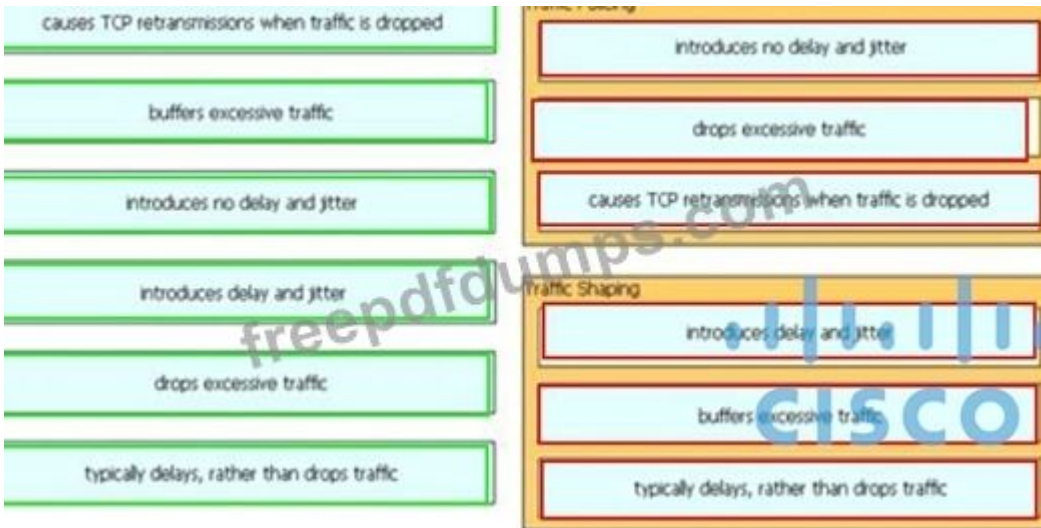
Answer: ([SHOW ANSWER](#))

NEW QUESTION: 50

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



Answer:



NEW QUESTION: 51

Refer to the exhibit.



A network engineer is configuring OSPF between router R1 and router R2. The engineer must ensure that a DR/BDR election does not occur on the Gigabit Ethernet interfaces in area 0. Which configuration set accomplishes this goal?

A)

```
R1(config-if)interface Gi0/0
R1(config-if)ip ospf network point-to-point

R2(config-if)interface Gi0/0
R2(config-if)ip ospf network point-to-point
```

B)

```
R1(config-if)interface Gi0/0
R1(config-if)ip ospf network broadcast

R2(config-if)interface Gi0/0
R2(config-if)ip ospf network broadcast
```

C)

```
R1(config-if)interface Gi0/0
R1(config-if)ip ospf database-filter all out

R2(config-if)interface Gi0/0
R2(config-if)ip ospf database-filter all out
```

D)

```
R1(config-if)interface Gi0/0
R1(config-if)ip ospf priority 1

R2(config-if)interface Gi0/0
R2(config-if)ip ospf priority 1
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: A ([LEAVE A REPLY](#))

Broadcast and Non-Broadcast networks elect DR/BDR while Point-to-point/multipoint do not elect DR/BDR. Therefore we have to set the two Gi0/0 interfaces to point-to-point or point-to-multipoint network to ensure that a DR/BDR election does not occur.

NEW QUESTION: 52

Which outcome is achieved with this Python code?

```
client.connect ( ip, port= 22, username= usr, password= pswd )
stdin, stdout, stderr = client.exec_command ( 'show ip bgp 192.168.101.0 bestpath\n ' )
print (stdout)
```

- A. connects to a Cisco device using Telnet and exports the routing table information
- B. displays the output of the show command in a formatted way
- C. connects to a Cisco device using SSH and exports the routing table information
- D. connects to a Cisco device using SSH and exports the BGP table for the prefix

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 53

Which technology does VXLAN use to provide segmentation for Layer 2 and Layer 3 traffic?

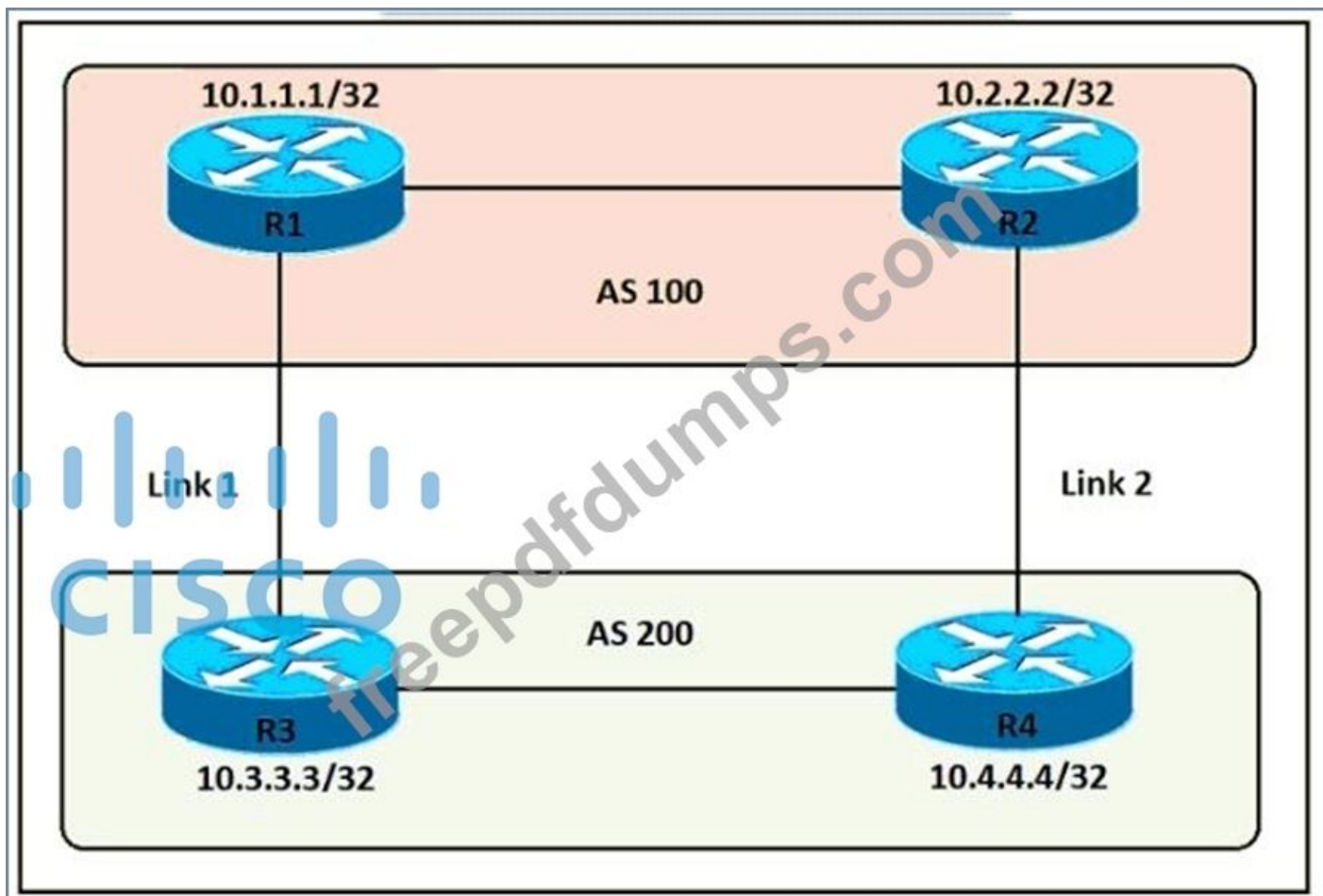
- A. bridge domain
- B. VLAN
- C. VRF
- D. VNI

Answer: D ([LEAVE A REPLY](#))

VXLAN has a 24-bit VXLAN network identifier (VNI), which allows for up to 16 million (= 2²⁴) VXLAN segments to coexist within the same infrastructure. This surely solve the small number of traditional VLANs.

NEW QUESTION: 54

Refer to the exhibit.



An engineer must ensure that all traffic leaving AS 200 will choose Link 2 as the exit point. Assuming that all BGP neighbor relationships have been formed and that the attributes have not been changed on any of the routers, which configuration accomplish task?

- A. R4(config-router)bgp default local-preference 200
- B. R3(config-router)neighbor 10.1.1.1 weight 200
- C. R3(config-router)bgp default local-preference 200
- D. R4(config-router)nighbor 10.2.2.2 weight 200

Answer: A (LEAVE A REPLY)

Local preference is an indication to the AS about which path has preference to exit the AS in order to reach a certain network. A path with a higher local preference is preferred. The default value for local preference is 100.

Unlike the weight attribute, which is only relevant to the local router, local preference is an attribute that routers exchange in the same AS. The local preference is set with the "bgp default local-preference value" command.

In this case, both R3 & R4 have exit links but R4 has higher local-preference so R4 will be chosen as the preferred exit point from AS 200.

NEW QUESTION: 55

Refer to the exhibit. An engineer attempts to create a configuration to allow the Blue VRF to leak into the global routing table, but the configuration does not function as expected. Which action resolves this issue?

- A. Change the access-list destination mask to a wildcard.
- B. Change the access-list number in the route map
- C. Change the source network that is specified in access-list 101.
- D. Change the route-map configuration to VRF_BLUE.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 56

Refer to the exhibit Which single security feature is recommended to provide Network Access Control in the enterprise?

- A. 802.1X
- B. MAB
- C. port security sticky MAC
- D. WebAuth

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 57

Which HTTP code must be returned to prevent the script from exiting?

```
def get_token () :
    device_uri = "https://192.168.1.1/dna/system/api/v1/auth/token"
    http_result = requests.post(device_uri, auth = ("test", "test398810436!"))
    if http_result.status_code != requests.codes.ok:
        print ("Call failed! Review get_token () . ")
        sys.exit ()
    return (http_result.json () ['Token'])
```

- A. 300
- B. 201
- C. 200
- D. 301

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 58

Refer to the exhibit.

```
Switch1# show interfaces trunk
! Output omitted for brevity
Port Mode Encapsulation Status Native
Gi1/0/20 auto 802.1q trunking 10

Port Vlans allowed on trunk
Gi1/0/20 1-4094

Switch2# show interfaces trunk
! Output omitted for brevity
Port Mode Encapsulation Status Native
Gi1/0/20 auto 802.1q trunking 10

Port Vlans allowed on trunk
Gi1/0/20 1-4094
```

The trunk does not work over the back-to-back link between Switch1 interface Giq1/0/20 and Switch2 interface Gig1/0/20. Which configuration fixes the problem?

- A)
Switch1(config)#**interface gig1/0/20**
Switch1(config-if)#**switchport mode dynamic auto**
- B)
Switch2(config)#**interface gig1/0/20**
Switch2(config-if)#**switchport mode dynamic desirable**
- C)
Switch1(config)#**interface gig1/0/20**
Switch1(config-if)#**switchport trunk native vlan 1**
Switch2(config)#**interface gig1/0/20**
Switch2(config-if)#**switchport trunk native vlan 1**
- D)
Switch2(config)#**interface gig1/0/20**
Switch2(config-if)#**switchport mode dynamic auto**

- A. Option D
- B. Option A
- C. Option B
- D. Option C

Answer: C (LEAVE A REPLY)

NEW QUESTION: 59

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

Answer: (SHOW ANSWER)

A 401 error response indicates that the client tried to operate on a protected resource without providing the proper authorization. It may have provided the wrong credentials or none at all.

Note: answer 'HTTP Status Code 200' 4xx code indicates a "client error" while a 5xx code indicates a "server error".

NEW QUESTION: 60

What is the purpose of the LISP routing and addressing architecture?

- A. It allows multiple Instances of a routing table to co-exist within the same router.
- B. It creates two entries for each network node, one for its identity and another for its location on the network.
- C. It creates head-end replication used to deliver broadcast and multicast frames to the entire network.
- D. It allows LISP to be applied as a network visualization overlay through encapsulation.

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 61

When is the Design workflow used In Cisco DNA Center?

- A. in a brownfield deployment, to modify configuration of existing devices in the network
- B. in a greenfield or brownfield deployment, to wipe out existing data
- C. in a greenfield deployment, with no existing infrastructure
- D. in a brownfield deployment, to provision and onboard new network devices

Answer: D ([LEAVE A REPLY](#))

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https://www.actual4test.com/350-401_examcollection.html (378 Q&As Dumps, **30%OFF Special Discount: Freepdfdumps**)

NEW QUESTION: 62

Refer to the exhibit.



```
aaa new-model
aaa authentication login default local-case enable
aaa authentication login ADMIN local-case
username CCNP secret StrongP@ssw0rd!
line 0 4
  login authentication ADMIN
```

An engineer must create a configuration that executes the show run command and then terminates the session when user CCNP logs in. Which configuration change is required"

- A. Add the access-class keyword to the username command
- B. Add the access-class keyword to the aaa authentication command

- C. Add the autocommand keyword to the username command
- D. Add the autocommand keyword to the aaa authentication command

Answer: C (LEAVE A REPLY)

The -autocommand causes the specified command to be issued automatically after the user logs in. When the command is complete, the session is terminated. Because the command can be any length and can contain embedded spaces, commands using the autocommand keyword must be the last option on the line. In this specific question, we have to enter this line -username CCNP autocommand show running-config.

NEW QUESTION: 63

Refer to the exhibit.

```
        'Accept': 'application/yang-data+json',
        'Content-Type': 'application/yang-data+json'
    },
    data = json.dumps({
        'Cisco-IOS-XE-native:GigabitEthernet': {
            'ip': {
                'address': {
                    'primary': {
                        'address': '10.10.10.1',
                        'mask': '255.255.255.0'
                    }
                }
            }
        }
    }),
    verify = False)

# Print the HTTP response code
print('Response Code: ' + str(response.status_code))
```

After the code is run on a Cisco IOS-XE router, the response code is 204.

What is the result of the script?

- A. The configuration fails because another interface is already configured with IP address 10.10.10.1/24.
- B. The configuration fails because interface GigabitEthernet2 is missing on the target device.
- C. Interface GigabitEthernet2 is configured with IP address 10.10.10.1/24
- D. The configuration is successfully sent to the device in cleartext.

Answer: C (LEAVE A REPLY)

NEW QUESTION: 64

Refer to the exhibit.

R1	R2
key chain cisco123 key 1 key-string cisco123!	key chain cisco123 key 1 key-string cisco123!
Ethernet0/0 - Group 10 State is Active # state changes, last state change 00:02:49 Virtual IP address is 192.168.0.1 Active virtual MAC address is 0000.0c07.ac0a	Ethernet0/0 - Group 10 State is Active 17 state changes, last state change 00:02:17 Virtual IP address is 192.168.0.1 Active virtual MAC address is 0000.0c07.ac0a

An engineer is installing a new pair of routers in a redundant configuration. Which protocol ensures that traffic is not disrupted in the event of a hardware failure?

- A. HSRPv1
- B. GLBP
- C. VRRP
- D. HSRPv2

Answer: A ([LEAVE A REPLY](#))

The -virtual MAC address is 0000.0c07.acXX (XX is the hexadecimal group number) so it is using HSRPv1.

Note: HSRP Version 2 uses a new MAC address which ranges from 0000.0C9F.F000 to 0000.0C9F.FFFF.

NEW QUESTION: 65

An engineer is configuring a new SSID to present users with a splash page for authentication. Which WLAN Layer 3 setting must be configured to provide this functionality?

- A. Local Policy
- B. CCKM
- C. WPA2 Policy
- D. Web Policy

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 66

What is one fact about Cisco SD-Access wireless network deployments?

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

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 67

Which AP mode allows an engineer to scan configured channels for rogue access points?

- A. sniffer
- B. monitor
- C. local
- D. bridge

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 68

Refer to the exhibit. A network engineer configures NAT on R1 and enters the show command to verify the configuration. What does the output confirm?

- A. The first packet triggered NAT to add an entry to the NAT table
- B. R1 is configured with PAT overload parameters
- C. R1 is configured with NAT overload parameters
- D. A Telnet from 160.1.1.1 to 10.1.1.10 has been initiated.

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 69

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

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 70

How does Cisco TrustSec enable more flexible access controls for dynamic networking environments and data centers?

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

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 71

A customer requests a network design that supports these requirements:

- FHRP redundancy
- multivendor router environment
- IPv4 and IPv6 hosts

Which protocol does the design include?

- A. VRRP version 3
- B. GLBP
- C. HSRP version 2
- D. VRRP version 2

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 72

Refer to the exhibit. An engineer implemented several configuration changes and receives the logging message on switch1. Which action should the engineer take to resolve this issue?

- A. Change the VTP domain to match on both switches
- B. Change Switch2 to switch port mode dynamic auto
- C. Change Switch1 to switch port mode dynamic desirable
- D. Change Switch1 to switch port mode dynamic auto

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 73

In an SD-WAN deployment, which action in the vSmart controller responsible for?

- A. onboard vEdge nodes into the SD-WAN fabric
- B. gather telemetry data from vEdge routers
- C. distribute policies that govern data forwarding performed within the SD-WAN fabric
- D. handle, maintain, and gather configuration and status for nodes within the SD-WAN fabric

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 74



```
{
  "Cisco-IOS-XE-native:GigabitEthernet": {
    "name": "1",
    "vrf": {
      "forwarding": "MANAGEMENT"
    },
    "ip": {
      "address": {
        "primary": {
          "address": "10.0.0.151",
          "mask": "255.255.255.0"
        }
      }
    },
    "negot": {
      "enabled": false
    }
  },
  "Cisco-IOS-XE-ethernet:ethernet": {
    "auto": true
  }
}
```

Refer to the exhibit Drag and drop the snippets into the RESTCONF request to form the request that returns this response Not all options are used

URL - http://10.10.10.10/restconf/api/running/native/ []

HTTP Verb- []

Body- N/A

Headers- []-application/vnd.yang.data+json

Authentication-privileged level 15 credentials

POST Accept Cisco-IOS-XE

interface/GigabitEthernet/1/ GET PUT

Answer:

URL - http://10.10.10.10/restconf/api/running/native/ interface/GigabitEthernet/1/

HTTP Verb- GET

Body- N/A

Headers- Accept -application/vnd.yang.data+json

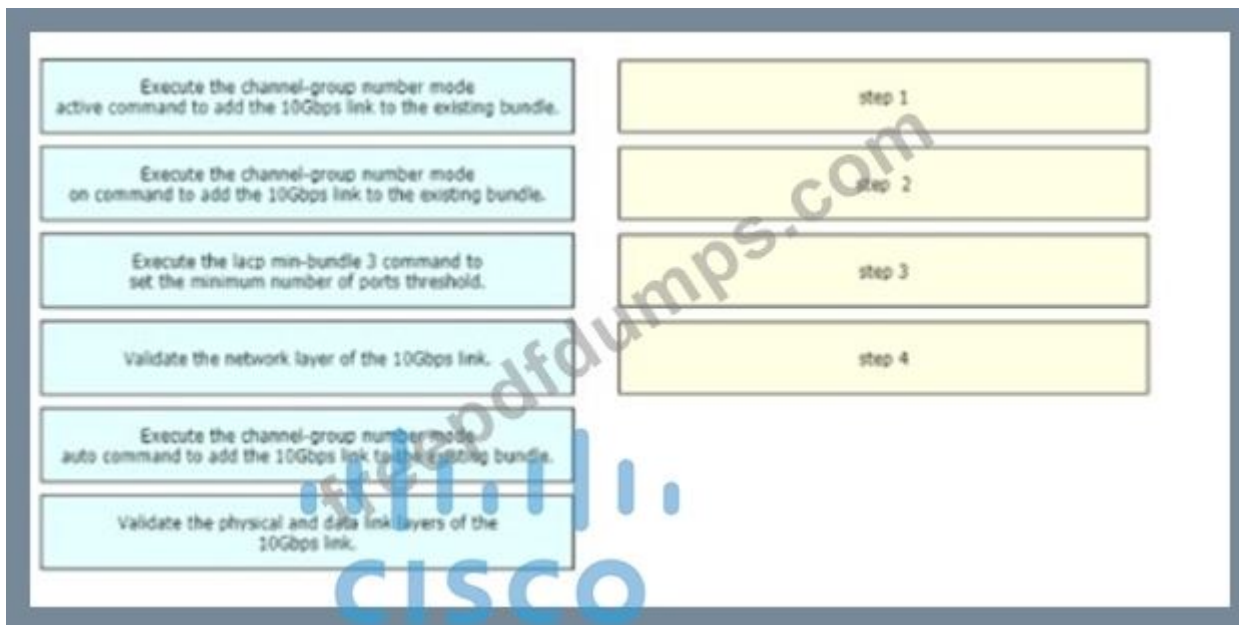
Authentication-privileged level 15 credentials

POST Accept Cisco-IOS-XE

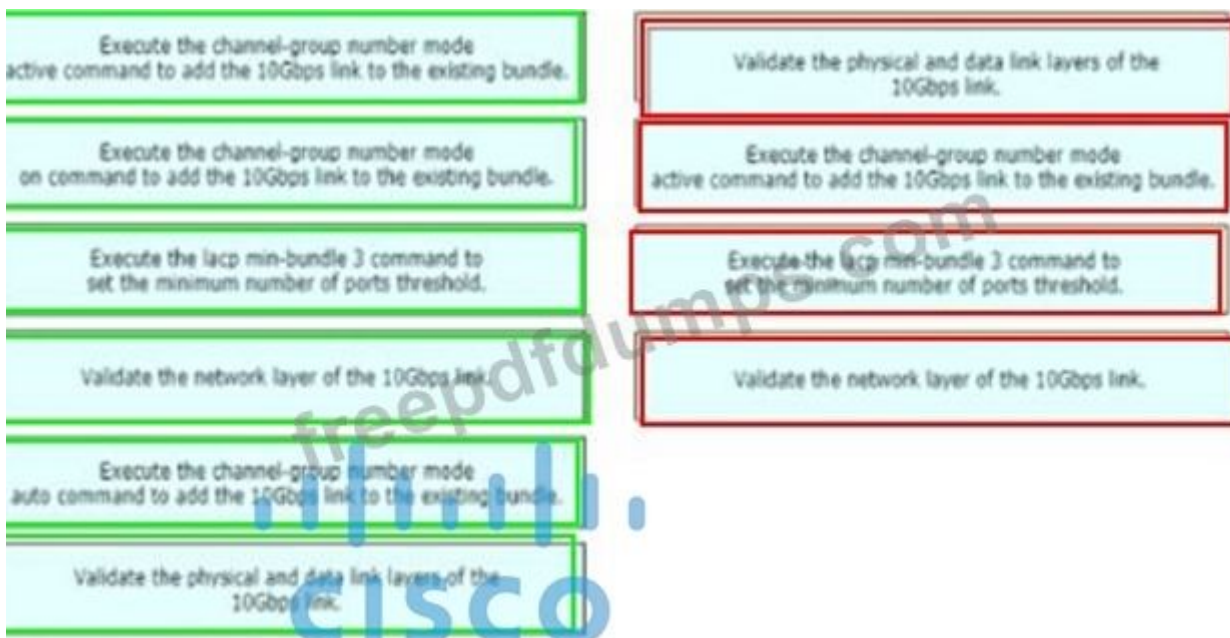
interface/GigabitEthernet/1/ GET PUT

NEW QUESTION: 75

A network engineer is adding an additional 10Gps link to an exiting 2x10Gps LACP-based LAG to augment its capacity. Network standards require a bundle interface to be taken out of service if one of its member links goes down, and the new link must be added with minimal impact to the production network. Drag and drop the tasks that the engineer must perform from the left into the sequence on the right. Not all options are used.



Answer:



NEW QUESTION: 76

"HTTP/1.1 204 content" is returned when `curl -I -X delete` command is issued. Which situation has occurred?

- A. The object could not be located at the URI path.
- B. The command succeeded in deleting the object
- C. The object was located at the URI, but it could not be deleted.
- D. The URI was invalid

Answer: B (LEAVE A REPLY)

HTTP Status 204 (No Content) indicates that the server has successfully fulfilled the request and that there is no content to send in the response payload body.

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NEW QUESTION: 77

What is the wireless received signal strength indicator?

- A. The value given to the strength of the wireless signal received compared to the noise level
- B. The value of how strong the wireless signal is leaving the antenna using transmit power, cable loss, and antenna gain
- C. The value of how much wireless signal is lost over a defined amount of distance
- D. The value of how strong a wireless signal is received, measured in dBm

Answer: D (LEAVE A REPLY)

RSSI, or "Received Signal Strength Indicator," is a measurement of how well your device can hear a signal from an access point or router. It's a value that is useful for determining if you have enough signal to get a good wireless connection.

This value is measured in decibels (dBm) from 0 (zero) to -120 (minus 120). The closer to 0 (zero) the stronger the signal is which means it's better, typically voice networks require a -65db or better signal level while a data network needs -80db or better.

NEW QUESTION: 78


Which antenna type should be used for a site-to-site wireless connection?

- A. Omnidirectional
- B. dipole
- C. patch
- D. Yagi

Answer: (SHOW ANSWER)

Yagi Antenna

- Used to communicate in one direction (unidirectional)
- They have a longer range in comparison to Omni Antennas
- Typically only communicate with one other radio, however can talk to multiple
- More common to see used in remote locations



NEW QUESTION: 79

What is provided by the Stealthwatch component of the Cisco Cyber Threat Defense solution?

- A. real-time threat management to stop DDoS attacks to the core and access networks

- B. real-time awareness of users, devices and traffic on the network
- C. malware control
- D. dynamic threat control for web traffic

Answer: (SHOW ANSWER)

Cisco Stealthwatch is a comprehensive, network telemetry-based, security monitoring and analytics solution that streamlines incident response through behavioral analysis; detecting denial of service attacks, anomalous behaviour, malicious activity and insider threats. Based on a scalable enterprise architecture, Stealthwatch provides near real-time situational awareness of all users and devices on the network.

Reference:

Note: Although answer A seems to be correct but in fact, Stealthwatch does not provide real-time protection for DDoS attack. It just helps detect DDoS attack only.

Stealthwatch aggregates observed network activity and performs behavioral and policy driven analytics against what it sees in order to surface problematic activities. While we don't position our self as a DDOS solution, we're going to leverage our analytical capabilities to identify a DDoS attack against an internal host using the WebUI.

NEW QUESTION: 80

An engineer must configure HSRP group 300 on a Cisco IOS router. When the router is functional, it must be the must be the active HSRP router. The peer router has been configured using the default priority value. Which command set is required?

A)

```
standby 300 priority 110  
standby 300 timers 1 110
```

B)

```
standby version 2  
standby 300 priority 110  
standby 300 preempt
```

C)

```
standby 300 priority 90  
standby 300 preempt
```

D)

```
standby version 2  
standby 300 priority 90  
standby 300 preempt
```

- A. Option C
- B. Option D

C. Option A

D. Option B

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 81

Which Cisco DNA Center application is responsible for group-based access control permissions?

A. Assurance

B. Provision

C. Policy

D. Design

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 82

What is required for intercontroller Layer 3 roaming?

A. Mobility groups are established between wireless controllers.

B. WLCs have the same IP addresses configured on their interfaces.

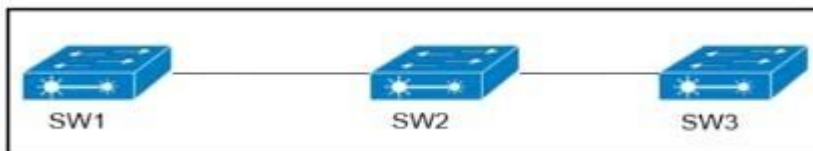
C. The management VLAN is present as a dynamic VLAN on the second WLC.

D. WLCs use separate DHCP servers.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 83

Refer to 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 pruning

B. SW3(config)#vtp mode transparent

C. SW2(config)#vtp pruning

D. SW1 (config)#vtp mode transparent

Answer: A ([LEAVE A REPLY](#))

SW3 does not have VLAN 60 so it should not receive traffic for this VLAN (sent from SW2).

Therefore we should configure VTP Pruning on SW3 so that SW2 does not forward VLAN 60 traffic to SW3. Also notice that we need to configure pruning on SW1 (the VTP Server), not SW2.

NEW QUESTION: 84

An engineer must provide wireless converge in a square office. The engineer has only one AP and believes that it should be placed it in the middle of the room. Which antenna type should the engineer use?

- A. Yagi
- B. polarized
- C. omnidirectional
- D. directional

Answer: C (LEAVE A REPLY)

NEW QUESTION: 85

What is a consideration when designing a Cisco SD-Access underlay network?

- A. End user subnets and endpoints are part of the underlay network.
- B. The underlay switches provide endpoint physical connectivity for users.
- C. Static routing is a requirement,
- D. It must support IPv4 and IPv6 underlay networks

Answer: B (LEAVE A REPLY)

<https://www.cisco.com/c/en/us/td/docs/solutions/CVD/Campus/cisco-sda-design-guide.html#Underlay>

NEW QUESTION: 86

Refer to the exhibit.

```
R1#show ip bgp summary
BGP router identifier 1.1.1.1, local AS number 65001
<output omitted>

Neighbor      V      AS MsgRcvd  MsgSent  TblVer  InQ  OutQ  Up/Down  State/PfxRcd
192.168.50.2  4      65002      0        0        1    0    0 00:00:46 Idle (Admin)
```

Which command set changes the neighbor state from Idle (Admin) to Active?

- A)
R1(config)#router bgp 65002
R1(config-router)#neighbor 192.168.50.2 activate
- B)
R1(config)#router bgp 65001
R1(config-router)#neighbor 192.168.50.2 activate
- C)
R1(config)#router bgp 65001
R1(config-router)#no neighbor 192.168.50.2 shutdown
- D)
R1(config)#router bgp 65001
R1(config-router)#neighbor 192.168.50.2 remote-as 65001

- A. Option
- B. Option
- C. Option
- D. Option

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 87

What are two benefits of YANG? (Choose two.)

- A. It collects statistical constraint analysis information.
- B. It enables multiple leaf statements to exist within a leaf list.
- C. It enforces the use of a specific encoding format for NETCONF.
- D. It enforces configuration constraints.
- E. It enforces configuration semantics.

Answer: C,D ([LEAVE A REPLY](#))

NEW QUESTION: 88

Refer to the exhibit. An engineer attempts to configure a router on a stick to route packets between Clients, Servers, and Printers; however, initial tests show that this configuration is not working. Which command set resolves this issue?

A)

```
router eigrp 1
network 10.0.0.0 255.255.255.0
network 172.16.0.0 255.255.255.0
network 192.168.1.0 255.255.255.0
```

B)

```
interface Vlan10
no ip vrf forwarding Clients
!
interface Vlan20
no ip vrf forwarding Servers
!
interface Vlan30
no ip vrf forwarding Printers
```

C)

```
interface Vlan10
no ip vrf forwarding Clients
ip address 192.168.1.2 255.255.255.0
interface Vlan20
no ip vrf forwarding Servers
ip address 172.16.1.2 255.255.255.0
!
interface Vlan30
no ip vrf forwarding Printers
ip address 10.1.1.2 255.255.255.0
```

D)

```
router eigrp 1
network 10.0.0.0 255.0.0.0
network 172.16.0.0 255.255.0.0
network 192.168.1.0 255.255.0.0
```

- A. Option A
- B. Option B
- C. Option C
- D. Option D

Answer: C (LEAVE A REPLY)

We must reconfigure the IP address after assigning or removing an interface to a VRF. Otherwise that interface does not have an IP address.

NEW QUESTION: 89

Which DHCP option provides the CAPWAP APs with the address of the wireless controller(s)?

- A. 43
- B. 66
- C. 69
- D. 150

Answer: A (LEAVE A REPLY)

DHCP Option 43

DHCP option 43 is an option used for providing Wireless LAN Controller IP addresses to the AP. The DHCP option 43 is used to notify the AP to convert into CAPWAP AP.

NEW QUESTION: 90

Refer to the exhibit.

```
Router#sh run | s vty
line vty 0 4
  session-timeout 30
  exec-timeout 120 0
  session-limit 30
  login local
line vty 5 15
  session-timeout 30
  exec-timeout 30
  session-limit
  login local
```

Security policy requires all idle-exec sessions to be terminated in 600 seconds. Which configuration achieves this goal?

- A. line vty 0 15
absolute-timeout 600
- B. line vty 0 1 5
exec-timeout 10 0
- C. line vty 0 4

exec-timeout 600

D. line vty 0 15

exec-timeout

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 91

What is a benefit of a virtual machine when compared with a physical server?

A. Virtual machines increase server processing performance.

B. Deploying a virtual machine is technically less complex than deploying a physical server.

C. Multiple virtual servers can be deployed on the same physical server without having to buy additional hardware.

D. The CPU and RAM resources on a virtual machine cannot be affected by other virtual machines.

Answer: C ([LEAVE A REPLY](#))

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NEW QUESTION: 92

Which protocol infers that a YANG data model is being used?

A. SNMP

B. NX-API

C. REST

D. RESTCONF

Answer: D ([LEAVE A REPLY](#))

YANG (Yet another Next Generation) is a data modeling language for the definition of data sent over network management protocols such as the NETCONF and RESTCONF.

NEW QUESTION: 93

Refer to the exhibit.

```

SwitchC#show vtp status
VTP Version                : 2
Configuration Revision      : 0
Maximum VLANs supported locally : 255
Number of existing VLANs    : 8
VTP Operating Mode         : Transparent
VTP Domain Name            : cisco.com
VTP Pruning Mode           : Disabled
VTP V2 Mode                 : Disabled
VTP Traps Generation       : Disabled
MDS digest                  : 0xE5 0x28 0x5D 0x3E 0x2F 0xE5 0xAD 0x2B
Configuration last modified by 0.0.0.0 at 1-10-19 09:01:38

SwitchC#show vlan brief

VLAN Name                Status      Ports
-----
1    default                active     Fa0/3, Fa0/4, Fa0/5, Fa0/6
                                           Fa0/7, Fa0/8, Fa0/9, Fa0/10
                                           Fa0/11, Fa0/12, Fa0/13, Fa0/14
                                           Fa0/15, Fa0/16, Fa0/17, Fa0/18
                                           Fa0/19, Fa0/20, Fa0/21, Fa0/22
                                           Fa0/23, Fa0/24, Po1

110  Finance                 active
210  HR                       active     Fa0/1
310  Sales                    active     Fa0/2
[...output omitted...]

SwitchC#show int trunk
Port      Mode      Encapsulation  Status      Native vlan
Gig1/1    on        802.1q         trunking    1
Gig1/2    on        802.1q         trunking    1

Port      Vlans allowed on trunk
Gig1/1    1-1005
Gig1/2    1-1005

Port      Vlans allowed and active in management domain
Gig1/1    1,110,210,310
Gig1/2    1,110,210,310

Port      Vlans in spanning tree forwarding state and not pruned
Gig1/1    1,110,210,310
Gig1/2    1,110,210,310

SwitchC#show run interface port-channel 1
interface Port-channel 1
 description Uplink_to_Core
 switchport mode trunk

```

SwitchC connects HR and Sales to the Core switch However, business needs require that no traffic from the Finance VLAN traverse this switch Which command meets this requirement?

A)

```
SwitchC(config)#vtp pruning
```

B)

```
SwitchC(config)#vtp pruning vlan 110
```

C)

```
SwitchC(config)#interface port-channel 1
SwitchC(config-if)#switchport trunk allowed vlan add 210,310
```

D)

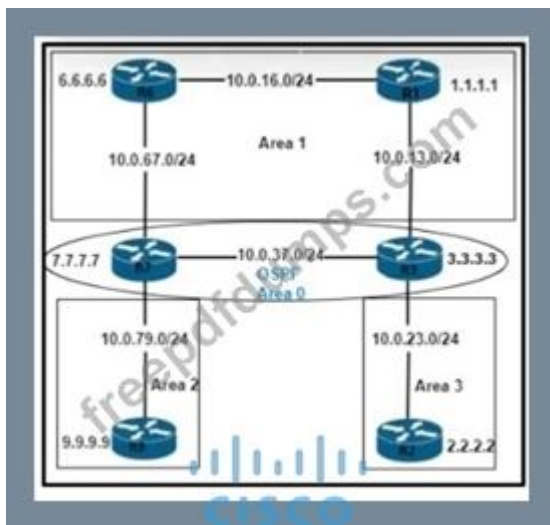
```
SwitchC(config)#interface port-channel 1
SwitchC(config-if)#switchport trunk allowed vlan remove 110
```

- A. Option D
- B. Option A
- C. Option B
- D. Option C

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 94

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

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 95

Which technology uses network traffic telemetry, contextual information, and file reputation to provide insight into cyber threats?

- A. security intelligence
- B. threat defense
- C. segmentation
- D. security services

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 96

Refer to the exhibit. An engineer is investigating why guest users are able to access other guest user devices when the users are connected to the customer guest WLAN. What action resolves this issue?

- A. implement MFP client protection
- B. implement split tunneling
- C. implement P2P blocking
- D. implement Wi-Fi direct policy

Answer: ([SHOW ANSWER](#))

This control determines whether the Wireless LAN Controller is configured to prevent clients connected to the same Wireless Local Area Controller from communicating with each other. Wireless Client Isolation prevents wireless clients from communicating with each other over the RF. Packets that arrive on the wireless interface are forwarded only out the wired interface of an Access Point. One wireless client could potentially compromise another client sharing the same wireless network.

NEW QUESTION: 97

In a Cisco SD-Access solution, which protocol is used by an extended node to connect to a single edge node?

- A. 802.1Q
- B. CTS
- C. VXLAN
- D. IS-IS

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 98

What is the process for moving a virtual machine from one host machine to another with no downtime?

- A. live migration
- B. multisite replication
- C. disaster recovery
- D. high availability

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 99

Drag and drop the snippets onto the blanks within the code to construct a script that configures BGP according to the topology. Not all options are used, and some options may be used twice.

```

<config xmlns:xc="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <native xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native" xmlns:ios-bgp="http://cisco.com/ns/yang/Cisco-IOS-XE-bgp">
    <router>
      <ios-bgp:bgp>
        <ios-bgp:id> /ios-bgp:id
        <ios-bgp:neighbor>
          <ios-bgp:id> /ios-bgp:id
          <ios-bgp:remote-as> /ios-bgp:remote-as
        </ios-bgp:neighbor>
        <ios-bgp:address-family>
          <ios-bgp:no-vrf>
          <ios-bgp:ipv4>
            <ios-bgp:af-name>unicast</ios-bgp:af-name>
            <ios-bgp:ipv4-unicast>
              <ios-bgp:neighbor>
                <ios-bgp:id> /ios-bgp:id
                <ios-bgp:soft-reconfiguration>inbound</ios-bgp:soft-reconfiguration>
              </ios-bgp:neighbor>
            </ios-bgp:ipv4-unicast>
          </ios-bgp:ipv4>
        </ios-bgp:address-family>
      </ios-bgp:bgp>
    </router>
  </native>
</config>

```



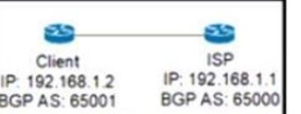
- 192.168.1.1
- 192.168.1.2
- 65000
- 65001
- Client
- ISP

Answer:

```

<config xmlns:xc="urn:ietf:params:xml:ns:netconf:base:1.0" xmlns="urn:ietf:params:xml:ns:netconf:base:1.0">
  <native xmlns="http://cisco.com/ns/yang/Cisco-IOS-XE-native" xmlns:ios-bgp="http://cisco.com/ns/yang/Cisco-IOS-XE-bgp">
    <router>
      <ios-bgp:bgp>
        <ios-bgp:id> ISP /ios-bgp:id
        <ios-bgp:neighbor>
          <ios-bgp:id> 192.168.1.1 /ios-bgp:id
          <ios-bgp:remote-as> 65001 /ios-bgp:remote-as
        </ios-bgp:neighbor>
        <ios-bgp:address-family>
          <ios-bgp:no-vrf>
          <ios-bgp:ipv4>
            <ios-bgp:af-name>unicast</ios-bgp:af-name>
            <ios-bgp:ipv4-unicast>
              <ios-bgp:neighbor>
                <ios-bgp:id> 65001 /ios-bgp:id
                <ios-bgp:soft-reconfiguration>inbound</ios-bgp:soft-reconfiguration>
              </ios-bgp:neighbor>
            </ios-bgp:ipv4-unicast>
          </ios-bgp:ipv4>
        </ios-bgp:address-family>
      </ios-bgp:bgp>
    </router>
  </native>
</config>

```



- 192.168.1.1
- 192.168.1.2
- 65000
- 65001
- Client
- ISP

NEW QUESTION: 100

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



Answer:



NEW QUESTION: 101

What is the function of cisco DNA center in a cisco SD-access deployment?

- A. It provides integration and automation for all nonfabric nodes and their fabric counterparts.
- B. It possesses information about all endpoints, nodes and external networks related to the fabric
- C. It is responsible for routing decisions inside the fabric
- D. It is responsible for the design, management, deployment, provisioning and assurance of the fabric network devices.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 102

Refer to the exhibit. What is the effect of this configuration?

- A. The device will allow users at 192.168.0.202 to connect to vty lines 0 through 4 using the password ciscotestkey
- B. When users attempt to connect to vty lines 0 through 4, the device will authenticate them against TACACS+ if local authentication fails
- C. The device will authenticate all users connecting to vty lines 0 through 4 against TACACS+

D. The device will allow only users at 192.166.0.202 to connect to vty lines 0 through 4

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 103

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

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

On Premises

Cloud

Answer:

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

On Premises

Cloud

NEW QUESTION: 104

Which line must be added in the Python function to return the JSON object {"cat_9k": "FXS193202SE"}?

```
import json
def get_data():
    test_json = """
    {
      "response": [{
        "managementIpAddress": "10.10.2.253",
        "memorySize": "3398345152",
        "serialNumber": "FXS1932Q2SE",
        "softwareVersion": "16.3.2",
        "hostname": "cat_9k"
      }],
      "version": "1.0"
    }
    """
```

- A) return (json.dumps({d["hostname"]: d["serialNumber"] for d in json.loads(test_json)["response"]})))
- B) return (json.dumps({for d in json.loads(test_json)["response"]: d["hostname"]: d["serialNumber"]})))
- C) return (json.loads({d["hostname"]: d["serialNumber"] for d in json.dumps(test_json)["response"]})))
- D) return (json.loads({for d in json.dumps(test_json)["response"]: d["hostname"]: d["serialNumber"]})))

- A. Option A
- B. Option D
- C. Option B
- D. Option C

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 105

Refer to the exhibit



Communication between London and New York is down Which command set must be applied to resolve this issue?

- 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#
```

A. Option A

B. Option B

C. Option C

D. Option D

Answer: A (LEAVE A REPLY)

<https://learningnetwork.cisco.com/s/question/0D53i00000Ksyty/tostastns-tottatnt>

NEW QUESTION: 106

Which statement about TLS is accurate when using RESTCONF to write configurations on network devices?

A. It requires certificates for authentication

B. It is provided using NGINX acting as a proxy web server

C. It is not supported on Cisco devices

D. It is used for HTTP and HTTPS requests

Answer: B (LEAVE A REPLY)

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NEW QUESTION: 107

Refer to the exhibit.



What is the effect of these commands on the BR and HQ tunnel interfaces?

```
BR(config)#interface tunnel1
BR(config-if)#keepalive 5 3

HQ(config)#interface tunnel1
HQ(config-if)#keepalive 5 3
```

- A. The tunnel line protocol goes down when the keepalive counter reaches 6
- B. The tunnel line protocol goes down when the keepalive counter reaches 5
- C. The keepalives are sent every 3 seconds and 5 retries
- D. The keepalives are sent every 5 seconds and 3 retries

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 108

Why is an AP joining a different WLC than the one specified through option 43?

- A. The AP multicast traffic unable to reach the WLC through Layer 3.
- B. The API is joining a primed WLC
- C. The APs broadcast traffic is unable to reach the WLC through Layer 2.
- D. The WLC is running a different software version.

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 109

Refer to the exhibit. An engineer configures a new HSRP group. While reviewing the HSRP status, the engineer sees the logging message generated on R2. Which is the cause of the message?

- A. The HSRP configuration has caused a routing loop
- B. The same virtual IP address has been configured for two HSRP groups
- C. A PC is on the network using the IP address 10.10.1.1
- D. The HSRP configuration has caused a spanning-tree loop

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 110

What is a Type 2 hypervisor?

- A. installed as an application on an already installed operating system
- B. runs directly on a physical server and includes its own operating system
- C. also referred to as a "bare metal hypervisor" because it sits directly on the physical server

D. supports over-allocation of physical resources

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 111

Which design principle states that a user has no access by default to any resource, and unless a resource is explicitly granted, it should be denied?

- A. complete mediation
- B. fail-safe defaults
- C. economy of mechanism
- D. least privilege

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 112

An engineer is working with the Cisco DNA Center API Drag and drop the methods from the left onto the actions that they are used for on the right.

GET	remove an element using the API
POST	update an element
DELETE	extract information from the API
PUT	create an element

Answer:

GET	DELETE
POST	PUT
DELETE	GET
PUT	POST

NEW QUESTION: 113

Refer to the exhibit.

```
with manager.connect(host=192.168.0.1, port=22,
                    username='admin', password='password1', hostkey_verify=True,
                    device_params={'name':'nexus'}) as m:
```

What does the snippet of code achieve?

- A. It creates a temporary connection to a Cisco Nexus device and retrieves a token to be used for API calls.
- B. It opens a tunnel and encapsulates the login information, if the host key is correct.
- C. It opens an ncclient connection to a Cisco Nexus device and maintains it for the duration of the context.
- D. It creates an SSH connection using the SSH key that is stored, and the password is ignored.

Answer: ([SHOW ANSWER](#))

ncclient is a Python library that facilitates client-side scripting and application development around the NETCONF protocol.

The above Python snippet uses the ncclient to connect and establish a NETCONF session to a Nexus device (which is also a NETCONF server).

NEW QUESTION: 114

Refer to the exhibit:

```
R1#show running-config interface fa0/0
Building configuration...

Current configuration: 192 bytes
!
interface FastEthernet0/0
 ip address 192.68.3.5 255.255.255.0
 duplex full
 vrrp 1 ip 192.168.3.1
 vrrp 1 priority 110
 vrrp 1 authentication text cisco
 vrrp 1 track 20 decrement 20
 end

R1#show running-config | include track 20
track 20 ip route 10.10.1.1 255.255.255.255 reachability

R2#show running-config interface fa0/0
Building configuration...

Current configuration: 141 bytes
!
interface FastEthernet0/0
 ip address 192.68.3.2 255.255.255.0
 duplex full
 vrrp 1 ip 192.168.3.1
 vrrp 1 authentication text cisco
 end
```

An engineer configures VRRP and issues the show commands to verify operation. What does the engineer confirm about VRRP group 1 from the output?

- A. Communication between VRRP members is encrypted using MD5
- B. If R1 reboots, R2 becomes the master virtual router until R2 reboots
- C. There is no route to 10.10.1.1/32 in R2's routing table
- D. R1 is master if 10.10.1.1/32 is in its routing table

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 115

Drag and drop the characteristics from the left onto the orchestration tools they describe on the right.

utilizes a pull model

utilizes a push model

multimaster architecture

primary/secondary architecture

Ansible

Puppet

Answer:

utilizes a pull model

utilizes a push model

multimaster architecture

primary/secondary architecture

Ansible

Puppet

NEW QUESTION: 116

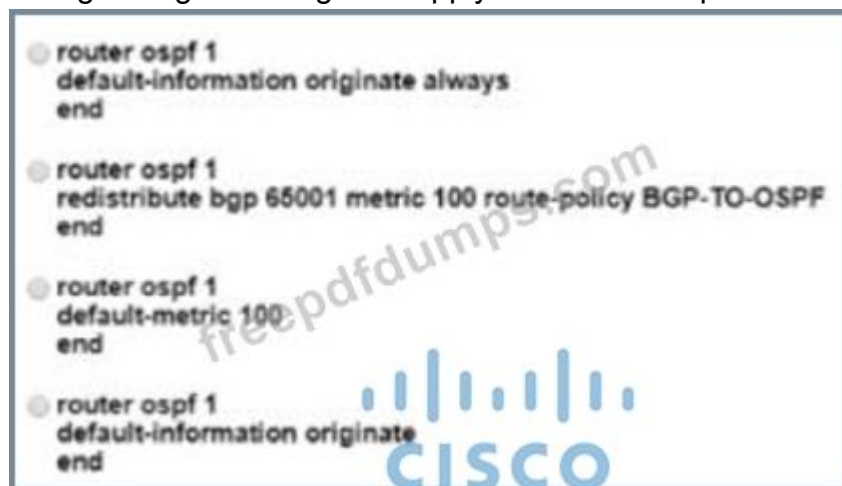
What is the function of a VTEP in VXLAN?

- A. dynamically discover the location of end hosts in a VXLAN fabric
- B. statically point to end host locations of the VXLAN fabric
- C. provide the routing underlay and overlay for VXLAN headers
- D. encapsulate and de-encapsulate traffic into and out of the VXLAN fabric

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 117

Refer to the exhibit. Router BRDR-1 is configured to receive the 0.0.0.0/0 and 172.17.1.0/24 network via BGP and advertise them into OSPF are 0. An engineer has noticed that the OSPF domain is receiving only the 172.17.1.0/24 route and default route 0.0.0.0/0 is still missing. Which configuring must engineer apply to resolve the problem?



- A. Option B
- B. Option D
- C. Option C
- D. Option A

Answer: ([SHOW ANSWER](#))

NEW QUESTION: 118

What is the function of a fabric border node in a Cisco SD-Access environment?

- A. To collect traffic flow information toward external networks
- B. To connect the Cisco SD-Access fabric to another fabric or external Layer 3 networks
- C. To handle an ordered list of IP addresses and locations for endpoints in the fabric.
- D. To attach and register clients to the fabric

Answer: B ([LEAVE A REPLY](#))

NEW QUESTION: 119

An engineer creates the configuration below. Drag and drop the authentication methods from the left into the order of priority on the right. Not all options are used.

```
R1#sh run | i aaa
aaa new-model
aaa authentication login default group ACE group AAA_RADIUS local-case
aaa session-id common
R1#
```

- AAA servers of AAA_RADIUS group
- local configured username in non-case-sensitive format
- local configured username in case-sensitive format
- AAA servers of ACE group
- tacacs servers of group ACE
- If no method works, then deny login.

Answer:

- AAA servers of AAA_RADIUS group
- local configured username in non-case-sensitive format
- local configured username in case-sensitive format
- AAA servers of ACE group
- tacacs servers of group ACE
- If no method works, then deny login.

- local configured username in case-sensitive format
- AAA servers of ACE group
- AAA servers of AAA_RADIUS group
- tacacs servers of group ACE

NEW QUESTION: 120

An engineer must export the contents of the devices object in JSON format. Which statement must be used?

```
from json import dumps, loads

Devices=[
{
    'name': 'distsw1',
    'ip': '192.168.255.1',
    'type': 'Catalyst C9407R',
    'user': 'netadmin',
    'pass': '66674431c3577d399739655c0bfb6fe5'
}]
```

- A. json.dumps(Devices)
- B. json.repr(Devices)
- C. json.loads(Devices)
- D. json.prints(Devices)

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 121

Which outbound access list, applied to the WAN interface of a router, permits all traffic except for http traffic sourced from the workstation with IP address 10.10.10.1?

A)

```
ip access-list extended 100
deny tcp host 10.10.10.1 any eq 80
permit ip any any
```

B)

```
ip access-list extended 200
deny tcp host 10.10.10.1 eq 80 any
permit ip any any
```

C)

```
ip access-list extended NO_HTTP
deny tcp host 10.10.10.1 any eq 80
```

D)

```
ip access-list extended 10
deny tcp host 10.10.10.1 any eq 80
permit ip any any
```

- A. Option B
- B. Option A
- C. Option D
- D. Option C

Answer: B ([LEAVE A REPLY](#))

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NEW QUESTION: 122

A customer has recently implemented a new wireless infrastructure using WLC-5520 at a site directly next to a large commercial airport. Users report that they intermittently lose WI-FI connectivity, and troubleshooting reveals it is due to frequent channel changes. Which two actions fix this issue? (Choose two)

- A. Restore the DCA default settings because this automatically avoids channel interference.
- B. Remove UNII-2 and Extended UNII-2 channels from the 5 Ghz channel list
- C. Configure channels on the UNII2 and the Extended UNII-2 sub-bands of the 5 Ghz band only
- D. Disable DFS channels to prevent interference with Doppler radar
- E. Enable DFS channels because they are immune to radar interference.

Answer: B,D (LEAVE A REPLY)

NEW QUESTION: 123

What is one difference between saltstack and ansible?

- A. SaltStack uses an API proxy agent to program Cisco boxes on agent mode, whereas Ansible uses a Telnet connection
- B. SaltStack is constructed with minion, whereas Ansible is constructed with YAML
- C. SaltStack uses SSH to interact with Cisco devices, whereas Ansible uses an event bus
- D. SaltStack uses the Ansible agent on the box, whereas Ansible uses a Telnet server on the box

Answer: (SHOW ANSWER)

NEW QUESTION: 124

An engineer configures GigabitEthernet 0/1 for VRRP group 115. The router must assume the primary role when it has the highest priority in the group. Which command set is required to complete this task?

```
interface GigabitEthernet0/1
ip address 10.10.10.2 255.255.255.0
vrrp 115 ip 10.10.10.1
vrrp 115 authentication 406530697

Router(config)# vrrp 115 priority 100
Router(config)# standby 115 priority 100
Router(config)# standby 115 preempt

Router(config)# vrrp 115 track 1 decrement 10
Router(config)# vrrp 115 preempt

Router(config)# vrrp 115 track 1 decrement 100
Router(config)# vrrp 115 preempt
```

- A. Option D
- B. Option A

C. Option C

D. Option B

Answer: C ([LEAVE A REPLY](#))

NEW QUESTION: 125

In a Cisco SD-WAN solution, which two functions are performed by OMP? (Choose two.)

A. gathering of underlay infrastructure data

B. delivery of crypto keys

C. configuration of control and data policies

D. segmentation and differentiation of traffic

E. advertisement of network prefixes and their attributes

Answer: ([SHOW ANSWER](#)**)**

NEW QUESTION: 126

Which congestion queuing method on Cisco IOS based routers uses four static queues?

A. Priority

B. weighted fair

C. low latency

D. custom

Answer: A ([LEAVE A REPLY](#))

NEW QUESTION: 127

Refer to the exhibit.

```
configure terminal
ip flow-export destination 192.168.10.1 9991
ip flow-export version 9
```

What is required to configure a second export destination for IP address 192.168.10.1?

A. Specify a VRF.

B. Specify a different UDP port.

C. Specify a different flow ID

D. Configure a version 5 flow-export to the same destination.

E. Specify a different TCP port.

Answer: B ([LEAVE A REPLY](#))

To configure multiple NetFlow export destinations to a router, use the following commands in global configuration mode:

Step 1: Router(config)# ip flow-export destination ip-address udp-port

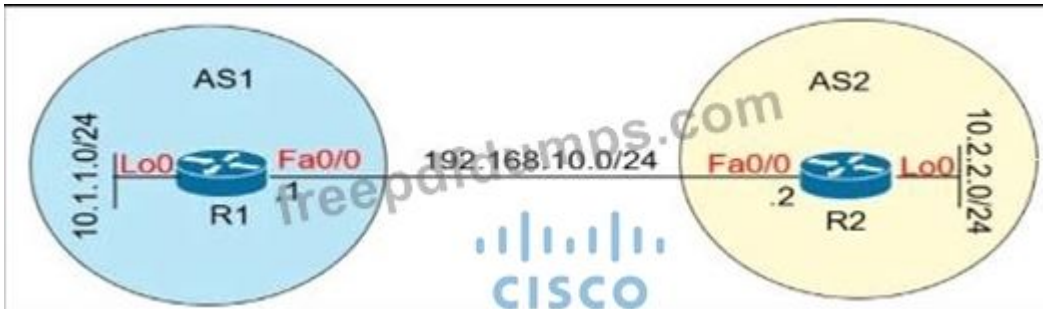
Step 2: Router(config)# ip flow-export destination ip-address udp-port

The following example enables the exporting of information in NetFlow cache entries:

```
ip flow-export destination 10.42.42.1 9991 ip flow-export destination 10.0.101.254 1999
```

NEW QUESTION: 128

Refer to the exhibit.



Which configuration establishes EBGP 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 lo0
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 lo0
R2(config-router)#network 10.2.2.0 mask 255.255.255.0
```

A. Option A

- B. Option B
- C. Option C
- D. Option D

Answer: ([SHOW ANSWER](#))

With BGP, we must advertise the correct network and subnet mask in the "network" command (in this case network 10.1.1.0/24 on R1 and network 10.2.2.0/24 on R2). BGP is very strict in the routing advertisements. In other words, BGP only advertises the network which exists exactly in the routing table. In this case, if you put the command "network x.x.0.0 mask 255.255.0.0" or "network x.0.0.0 mask 255.0.0.0" or "network x.x.x.x mask 255.255.255.255" then BGP will not advertise anything.

It is easy to establish eBGP neighborship via the direct link. But let's see what are required when we want to establish eBGP neighborship via their loopback interfaces. We will need two commands:
+ the command "neighbor 10.1.1.1 ebgp-multihop 2" on R1 and "neighbor 10.2.2.2 ebgpmultihop 2" on R1. This command increases the TTL value to 2 so that BGP updates can reach the BGP neighbor which is two hops away.

+ Answer '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

Quick Wireless Summary

Cisco Access Points (APs) can operate in one of two modes: autonomous or lightweight

+ Autonomous: self-sufficient and standalone. Used for small wireless networks.

+ Lightweight: A Cisco lightweight AP (LAP) has to join a Wireless LAN Controller (WLC) to function. LAP and WLC communicate with each other via a logical pair of CAPWAP tunnels.

- Control and Provisioning for Wireless Access Point (CAPWAP) is an IETF standard for control messaging for setup, authentication and operations between APs and WLCs. CAPWAP is similar to LWAPP except the following differences:

+CAPWAP uses Datagram Transport Layer Security (DTLS) for authentication and encryption to protect traffic between APs and controllers. LWAPP uses AES.

+ CAPWAP has a dynamic maximum transmission unit (MTU) discovery mechanism.

+ CAPWAP runs on UDP ports 5246 (control messages) and 5247 (data messages) An LAP operates in one of six different modes:

+ Local mode (default mode): measures noise floor and interference, and scans for intrusion detection (IDS) events every 180 seconds on unused channels

+ FlexConnect, formerly known as Hybrid Remote Edge AP (H-REAP), mode: allows data traffic to be switched locally and not go back to the controller. The FlexConnect AP can perform standalone client authentication and switch VLAN traffic locally even when it's disconnected to the WLC (Local Switched). FlexConnect AP can also tunnel (via CAPWAP) both user wireless data and control traffic to a centralized WLC (Central Switched).

- + Monitor mode: does not handle data traffic between clients and the infrastructure. It acts like a sensor for location-based services (LBS), rogue AP detection, and IDS
- + Rogue detector mode: monitor for rogue APs. It does not handle data at all.
- + Sniffer mode: run as a sniffer and captures and forwards all the packets on a particular channel to a remote machine where you can use protocol analysis tool (Wireshark, Airopeek, etc) to review the packets and diagnose issues. Strictly used for troubleshooting purposes.
- + Bridge mode: bridge together the WLAN and the wired infrastructure together.

Mobility Express is the ability to use an access point (AP) as a controller instead of a real WLAN controller. But this solution is only suitable for small to midsize, or multi-site branch locations where you might not want to invest in a dedicated WLC. A Mobility Express WLC can support up to 100 Aps

NEW QUESTION: 129

Refer to the exhibit. An engineer must create a script that appends the output of the show process cpu sorted command to a file.

- A. action 4.0 ens-event "show process cpu sorted | append flash:high-cpu-file"
- B. action 4.0 publish-event "show process cpu sorted | append flash:high-cpu-file"
- C. action 4.0 syslog command "show process cpu sorted | append flash:high-cpu-file"
- D. action 4.0 cli command "show process cpu sorted | append flash:high-cpu-file"

Answer: D ([LEAVE A REPLY](#))

NEW QUESTION: 130

Refer to the exhibit.

PUBLIC IP	PORT	LOCAL	COLOR	PROXY STATE	UPTIME	ID
vsmart dtls 4.4.4.70 12446 10.10.20.70 0:02:24:09 0	100	1	192.168.100.80 12446 default	No	up	
vbond dtls 0.0.0.0 12346 10.10.20.80 0:02:24:10 0	0	0	192.168.100.81 12346 default	-	up	
vmanage dtls 4.4.4.90 12446 10.10.20.90	100	0	192.168.100.82 12446 default			

POST https://192.168.100.80/443/_security_check

Body

KEY	VALUE	DESCRIPTION
Lusername	admin	
Lpassword	admin	
key	value	Description

Could not get any response

There was an error connecting to https://192.168.100.80/443/_security_check

Why this might have happened:

- The server couldn't send a response: Ensure that the backend is working properly
- Self-signed SSL certificates are being blocked: Fix this by turning off SSL certificate verification in Settings > General
- Proxy configured incorrectly: Ensure that proxy is configured correctly in Settings > Proxy
- Browser timeout: Check your network latency in Settings > General

What step resolves the authentication issue?

- A. use basic authentication
- B. change the port to 12446
- C. target 192 168 100 82 in the URI
- D. restart the vsmart host

Answer: C (LEAVE A REPLY)

he first figure is the output of the "show control connections" command. From this figure we learned that the 192.168.100.82 so we need to connect to this IP address (not 192.168.100.80).

NEW QUESTION: 131

What does Call Admission Control require the client to send in order to reserve the bandwidth?

- A. Wi-Fi multimedia
- B. SIP flow information
- C. VoIP media session awareness
- D. traffic specification

Answer: D (LEAVE A REPLY)

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