Exam Questions 350-401

Implementing and Operating Cisco Enterprise Network Core Technologies

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NEW QUESTION 1
Refer to the exhibit.

```
R1# sh run | begin line con
line con o
  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
!
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

Answer: D

NEW QUESTION 2
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

A. Mastered
B. Not Mastered

Answer: A

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. Only standard access control lists can block traffic from a source IP address.
C. 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.
D. The access control list must contain an explicit deny to block traffic from the router.
Answer: A

NEW QUESTION 3
Refer to the exhibit.
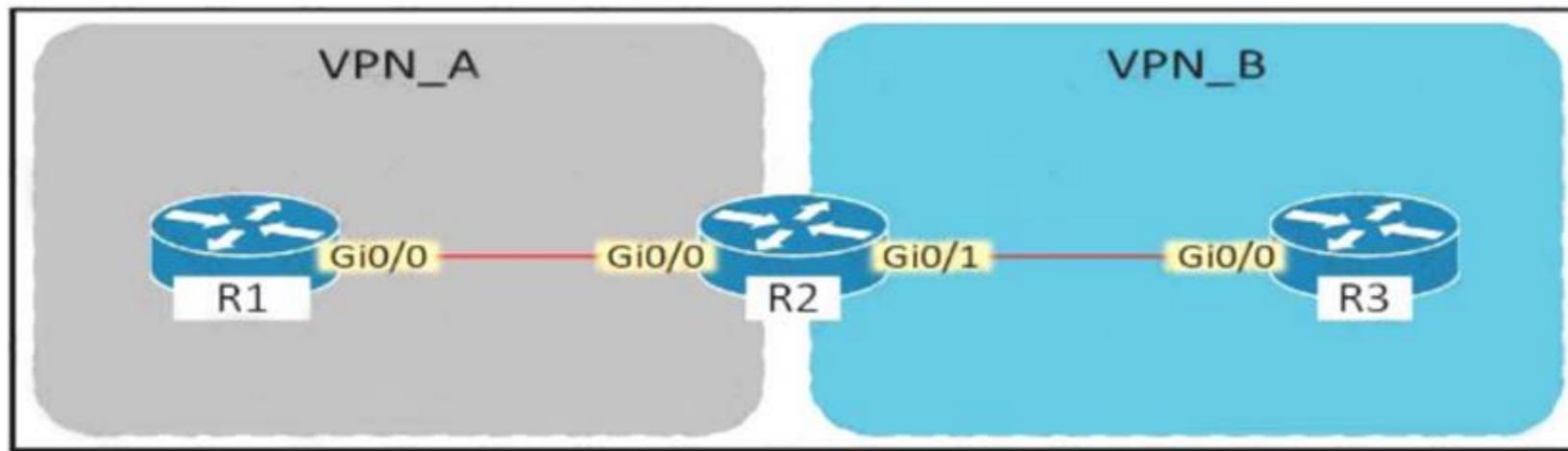
Assuming that R is a CE router, which VRF is assigned to Gi0/0 on R1?

A. VRF VPN_B
B. Default VRF
C. Management VRF
D. VRF VPN_A

Answer: D

NEW QUESTION 4
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 6514
B. logging host 10.2.3.4 vrf mgmt transport udp port 6514
C. logging host 10.2.3.4 vrf mgmt transport tcp port 514
D. logging host 10.2.3.4 vrf mgmt transport udp port 514

Answer: A

NEW QUESTION 5
Which two steps are required for a complete Cisco DNA Center upgrade? (Choose two.)

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

Answer: DE

NEW QUESTION 6
Which protocol does REST API rely on to secure the communication channel?

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

Answer: B

NEW QUESTION 7
Which HHTP 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: C

NEW QUESTION 8
Refer to the exhibit.
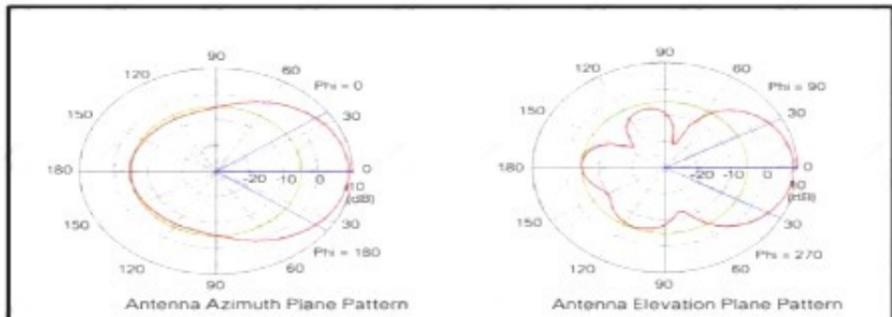
Which type of antenna do the radiation patterns present?

A. Patch
B. Omnidirectional
C. Yagi
D. Dipole

Answer: A

NEW QUESTION 9

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?

```
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+
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 default group tacacs+ none
aaa session-id common

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

```
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#
```

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

Answer: C

NEW QUESTION 10

Which statement explains why Type 1 hypervisor is considered more efficient than Type 2 hypervisor?

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

Answer: A

NEW QUESTION 10

A response code of 404 is received while using the REST API on Cisco UNA Center to POST to this URI.
/dna/intent/api/v1 /template-programmer/project
What does the code mean?

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

Answer: A

NEW QUESTION 15

What the role of a fusion in an SD-Access solution?

A. provides connectivity to external networks
B. acts as a DNS server
C. performs route leaking between user-defined virtual networks and shared services

D. provides additional forwarding capacity to the fabric

Answer: C

NEW QUESTION 20
Which exhibit displays a valid JSON file?

```
{
    "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. Option A
B. Option B
C. Option C
D. Option D

Answer: D

NEW QUESTION 23
Which statement about an RSPAN session configuration is true?

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

Answer: C

NEW QUESTION 27
A local router shows an EBGP neighbor in the Active state. Which statement is true about the local router?

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

Answer: C

NEW QUESTION 30
What do Cisco DNA southbound APIs provide?

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

Answer: A

NEW QUESTION 34
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. Autonomous

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

Answer: B

NEW QUESTION 37
Refer to this output. What is the logging severity level?
R1#Feb 14 37:15:12:429: %LINEPROTO-5-UPDOWN Line protocol on interface GigabitEthernet0/1. Change state to up

A. Notification
B. Alert
C. Critical
D. Emergency

Answer: A

NEW QUESTION 39
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 all OSPF messages which router R1 has sent to received on interface Fa0/1.
B. The output displays all OSPF messages which router R1 has sent or received on all interfaces.
C. The output displays OSPF hello messages which router R1 has sent received on interface Fa0/1.
D. The output displays OSPF hello and LSACK messages which router R1 has sent or received.

Answer: C

NEW QUESTION 43
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 an the contextual identity of the endpoint rather than its IP address
D. classifies traffic based on advanced application recognition

Answer: C

NEW QUESTION 44
Which description of an SD-Access wireless network infrastructure deployment is true?

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

Answer: C

NEW QUESTION 49
Refer to the exhibit.
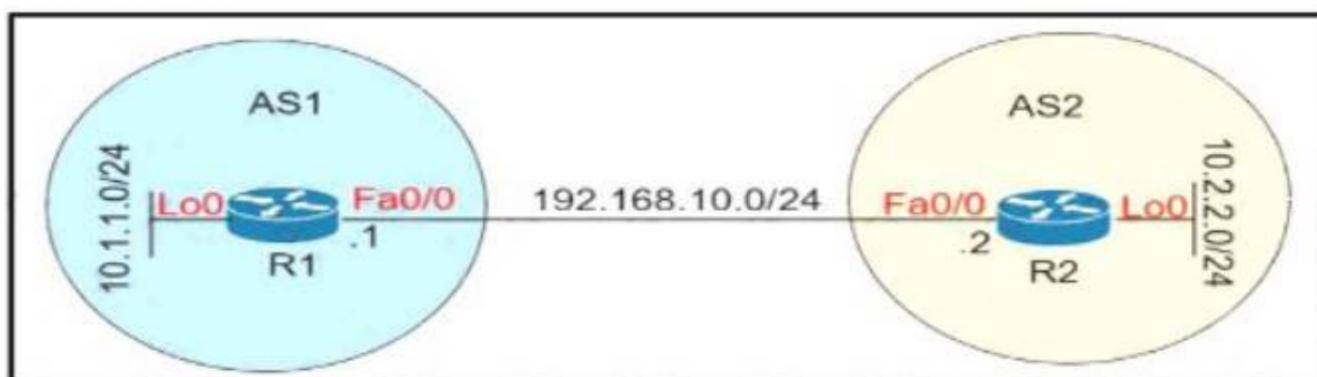
Which configuration establishes EBGP neighborship between these two directly connected neighbors and exchanges the loopback network of the two routers through BGP?
A)

```
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: A

NEW QUESTION 52
Refer to the exhibit.
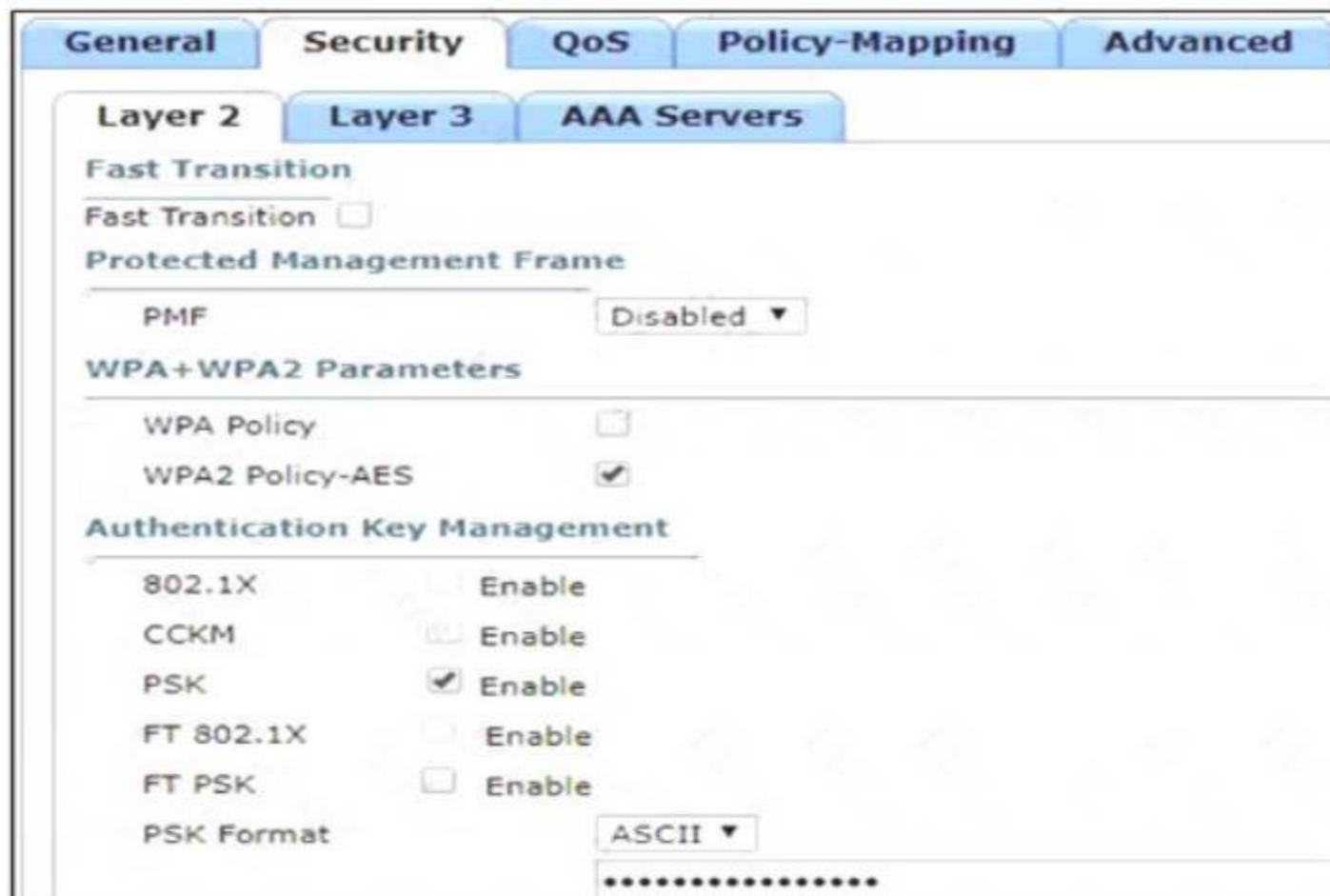
Based on the configuration in this WLAN security setting, Which method can a client use to authenticate to the network?

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

Answer: A

NEW QUESTION 54
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 effect of this configuration? (Choose two.)

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

Answer: AE

NEW QUESTION 55
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 then OLTIs?

A. over the DS
B. adaptive R
C. 802.11V
D. 802.11k

Answer: B

NEW QUESTION 57
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