

➤ **Vendor: Cisco**

➤ **Exam Code: 350-401**

➤ **Exam Name: Implementing and Operating Cisco Enterprise Network Core Technologies (ENCOR)**

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QUESTION 574

Which two parameters are examples of a QoS traffic descriptor? (Choose two)

- A. MPLS EXP bits
- B. bandwidth
- C. DSCP
- D. ToS
- E. packet size

Answer: BC

QUESTION 575

Refer to the exhibit. After configuring HSRP an engineer enters the show standby command. Which two facts are derived from the output? (Choose two.)

```
R2#show standby
FastEthernet1/0 - Group 40
  State is Standby
    4 state changes, last state change 00:01:51
  Virtual IP address is 10.10.1.1
  Active virtual MAC address is 0000.0c07.ac28 (MAC Not In Use)
    Local virtual MAC address is 0000.0c07.ac28 (v1 default)
  Hello time 3 sec, hold time 10 sec
    Next hello sent in 1.856 secs
  Preemption disabled
  Active router is 10.10.1.3, priority 85 (expires in 8.672 sec)
  Standby router is local
  Priority 90 (configured 90)
    Track interface FastEthernet0/0 state Up decrement 10
  Group name is "hsrp-Fa1/0-40" (default)
```

- A. The router with IP 10.10.1.3 is active because it has a higher IP address
- B. If FaO/0 is shut down, the HSRP priority on R2 becomes 80
- C. R2 Fa1/0 regains the primary role when the link comes back up
- D. R2 becomes the active router after the hold time expires.
- E. R2 is using the default HSRP hello and hold timers.

Answer: DE

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QUESTION 576

If a client's radio device receives a signal strength of -67 dBm and the noise floor is -85 dBm, what is the SNR value?

- A. 15 dB
- B. 16 dB
- C. 18 dB
- D. 20 dB

Answer: C

QUESTION 577

Refer to the exhibit. An engineer configures OSPF and wants to verify the configuration. Which configuration is applied to this device?

```
Hello due in 00:00:07
Supports Link-local Signaling (LLS)
Cisco NSF helper support enabled
IETF NSF helper support enabled
Index 1/2/2, flood queue length 0
Next 0x0(0)/0x0(0)/0x0(0)
Last flood scan length is 0, maximum is 0
Last flood scan time is 1 msec, maximum is 1 msec
Neighbor Count is 0, Adjacent neighbor count is 0
Suppress hello for 0 neighbor(s)
```

- A. R1(config)#**router ospf 1**
R1(config-router)#**network 192.168.50.0 0.0.0.255 area 0**
- B. R1(config)#**router ospf 1**
R1(config-router)#**network 0.0.0.0 0.0.0.0 area 0**
R1(config-router)#**no passive-interface Gi0/1**
- C. R1(config)#**interface Gi0/1**
R1(config-if)#**ip ospf enable**
R1(config-if)#**ip ospf network broadcast**
R1(config-if)#**no shutdown**
- D. R1(config)#**interface Gi0/1**
R1(config-if)#**ip ospf 1 area 0**
R1(config-if)#**no shutdown**

Answer: C

QUESTION 578

A network monitoring system uses SNMP polling to record the statistics of router interfaces. The SNMP queries work as expected until an engineer installs a new interface and reloads the router. After this action, all SNMP queries for the router fail. What is the cause of this issue?

- A. The SNMP community is configured incorrectly
- B. The SNMP interface index changed after reboot.
- C. The SNMP server traps are disabled for the interface index
- D. The SNMP server traps are disabled for the link state.

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Answer: D

QUESTION 579

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

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

Answer: A

QUESTION 580

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

QUESTION 581

When firewall capabilities are considered, which feature is found only in Cisco next-generation firewalls?

- A. malware protection
- B. stateful inspection
- C. traffic filtering
- D. active/standby high availability

Answer: A

QUESTION 582

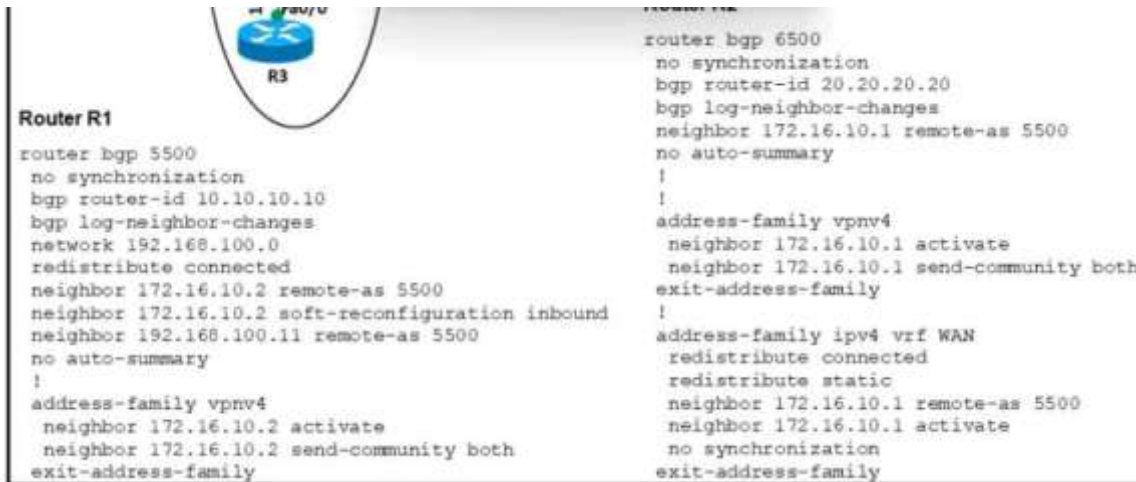
What does a northbound API accomplish?

- A. programmatic control of abstracted network resources through a centralized controller
- B. access to controlled network resources from a centralized node
- C. communication between SDN controllers and physical switches
- D. controlled access to switches from automated security applications

Answer: C

QUESTION 583

Refer to the exhibit. An engineer configures the BGP adjacency between R1 and R2, however, it fails to establish. Which action resolves the issue?



- A. Change the network statement on R1 to 172.16 10.0
- B. Change the remote-as number for 192 168.100.11.
- C. Enable synchronization on R1 and R2
- D. Change the remote-as number on R1 to 6500.

Answer: D

QUESTION 584

Refer to the exhibit. The network administrator must be able to perform configuration changes when all the RADIUS servers are unreachable. Which configuration allows all commands to be authorized if the user has successfully authenticated?

```

enable secret cisco

username cisco privilege 15 secret cisco

aaa new-model
aaa authentication login default group radius local
aaa authorization network default group radius

```

- A. aaa authorization exec default group radius none
- B. aaa authentication login default group radius local none
- C. aaa authorization exec default group radius if-authenticated
- D. aaa authorization exec default group radius

Answer: D

QUESTION 585

What is a characteristic of Cisco StackWise technology?

- A. It uses proprietary cabling
- B. It supports devices that are geographically separated
- C. It combines exactly two devices
- D. It is supported on the Cisco 4500 series.

Answer: C

QUESTION 586

Refer to the exhibit. An engineers reaching network 172.16.10.0/24 via the R1-R2-R4 path. Which configuration forces the traffic to take a path of R1-R3-R4?



- A.

```
R1(config)#route-map RM_AS_PATH_PREPEND
R1(config-route-map)#set as-path prepend 200 200
R1(config-route-map)#exit
R1(config)#router bgp 100
R1(config-router)#neighbor 12.12.12.2 route-map RM_AS_PATH_PREPEND in
R1(config-router)#end
R1#clear ip bgp 12.12.12.2 soft in
```
- B.

```
R1(config)#router bgp 100
R1(config-router)#neighbor 13.13.13.3 weight 1
R1(config-router)#end
```
- C.

```
R2(config)#route-map RM_MED permit 10
R2(config-route-map)#set metric 1
R2(config-route-map)#exit
R2(config)#router bgp 200
R2(config-router)#neighbor 12.12.12.1 route-map RM_MED out
R2(config-router)#end
R2#clear ip bgp 12.12.12.1 soft out
```
- D.

```
R1(config)#route-map RM_LOCAL_PREF permit 10
R1(config-route-map)#set local-preference 101
R1(config-route-map)#exit
R1(config)#router bgp 100
R1(config-router)#neighbor 13.13.13.3 route-map RM_LOCAL_PREF in
R1(config-router)#end
R1#clear ip bgp 13.13.13.3 soft in
```

Answer: C

QUESTION 587

Why would an engineer use YANG?

- A. to transport data between a controller and a network device
- B. to access data using SNMP
- C. to model data for NETCONF
- D. to translate JSON into an equivalent XML syntax

Answer: C

QUESTION 588

Refer to the exhibit. An engineer must create a configuration that prevents R3 from receiving the LSA about 172.16.1.4/32.

Which configuration set achieves this goal?

- A. On R3
ip access-list standard R4_L0
deny host 172.16.1.4
permit any

router ospf 200
distribute-list R4_L0 in
- B. On R3
ip prefix-list INTO-AREA1 seq 5 deny 172.16.1.4/32
ip prefix-list INTO-AREA1 seq 10 permit 0.0.0.0/0 le 32

router ospf 200
area 1 filter-list prefix INTO-AREA1 in
- C. On R1
ip prefix-list INTO-AREA1 seq 5 deny 172.16.1.4/32
ip prefix-list INTO-AREA1 seq 10 permit 0.0.0.0/0 le 32

router ospf 200
area 1 filter-list prefix INTO-AREA1 in
- D. On R1
ip prefix-list INTO-AREA1 seq 5 deny 172.16.1.4/32
ip prefix-list INTO-AREA1 seq 10 permit 0.0.0.0/0 le 32

router ospf 200
area 1 filter-list prefix INTO-AREA1 out

Answer: A

QUESTION 589

Refer to the exhibit. VPN-A sends point-to-point traffic to VPN-B and receives traffic only from VPN-C VPN-B sends point-to-point traffic to VPN-C and receives traffic only from VPN-A.

```
!
address-family ipv4 unicast
import route-target 100:3
export route-target 100:1
!
PE1# show vrf all detail
VRF VPN-A; RD 1:100; VPN ID not set
Description not set
Interfaces:
GigabitEthernet0/0/0/0
Address family IPV4 Unicast
Import VPN route-target communities:
RT:100:3
Export VPN route-target communities:
RT:100:1
No import route policy
No export route policy
!
```

Which configuration is applied?

- A. PE-2
 vrf VPN-B
 address-family ipv4 unicast
 import route-target 100:1
 export route-target 100:2
- B. PE-3
 vrf VPN-B
 address-family ipv4 unicast
 import route-target 100:1
 export route-target 100:2

Answer: B

QUESTION 590

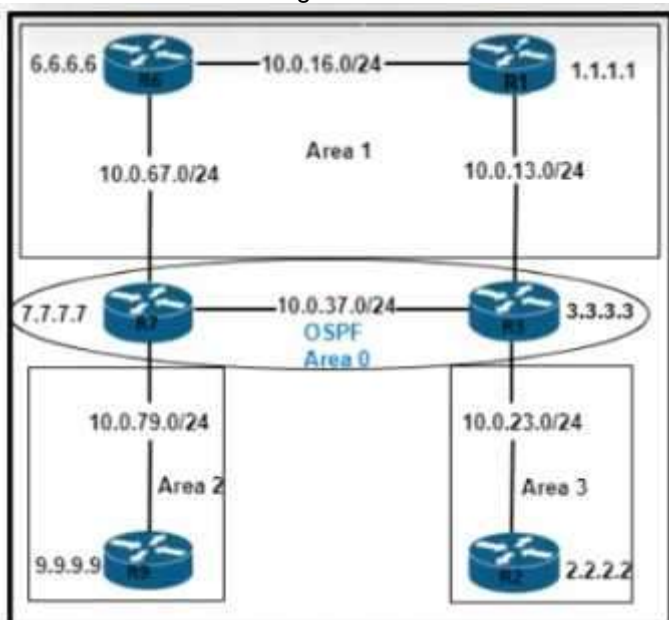
A customer wants to use a single SSID to authenticate IoT devices using different passwords. Which Layer 2 security type must be configured in conjunction with Cisco ISE to achieve this requirement?

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

Answer: D

QUESTION 591

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 outbound on R7 only.
 D. Apply a filter list inbound on R3 and R7

Answer: D

QUESTION 592

In a Cisco StackWise Virtual environment, which planes are virtually combined in the common logical switch?

- A. management and data
- B. control and management
- C. control, and forwarding
- D. control and data

Answer: B