

Exam Questions 350-401

Implementing and Operating Cisco Enterprise Network Core Technologies

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NEW QUESTION 1

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

- A. EIRP
- B. noise floor
- C. antenna gain
- D. RSSI
- E. transmit power

Answer: BD

NEW QUESTION 2

What is the structure of a JSON web token?

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

Answer: A

NEW QUESTION 3

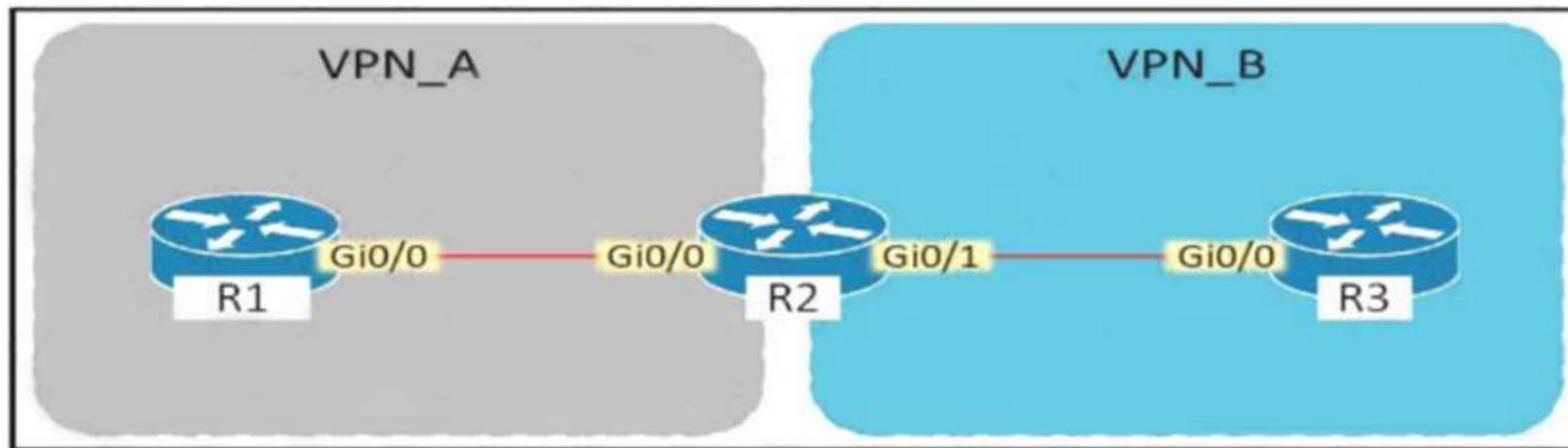
An engineer is configuring local web authentication on a WLAN. The engineer chooses the Authentication radio button under the Layer 3 Security options for Web Policy. Which device presents the web authentication for the WLAN?

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

Answer: B

NEW QUESTION 4

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 5

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 6

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

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

Answer: C

NEW QUESTION 7

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

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

Answer: D

NEW QUESTION 8

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: C

NEW QUESTION 9

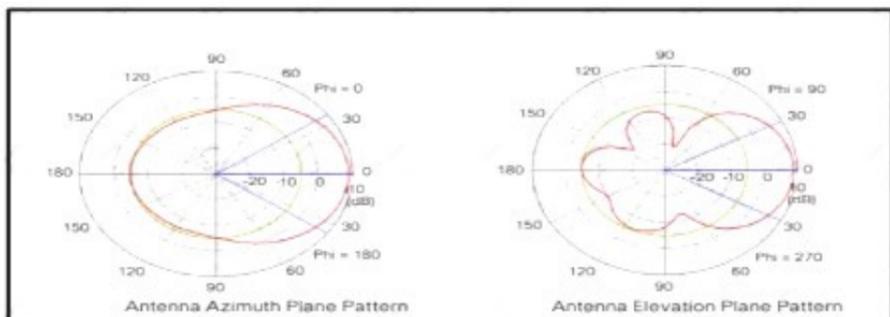
Which PAgP mode combination prevents an Etherchannel from forming?

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

Answer: A

NEW QUESTION 10

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 10

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

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

Answer: D

NEW QUESTION 14

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

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

Answer: DE

NEW QUESTION 16

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

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

Answer: D

NEW QUESTION 17

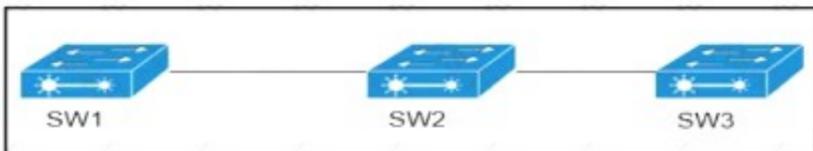
Which access controls list allows only TCP traffic with a destination port range of 22-433, excluding port 80?

- A. Deny tcp any any eq 80 Permit tcp any any gt 21 it 444
- B. Permit tcp any any ne 80
- C. Permit tcp any any range 22 443 Deny tcp any any eq 80
- D. Deny tcp any any ne 80Permit tcp any any range 22 443

Answer: A

NEW QUESTION 22

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

NEW QUESTION 26

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 29

Which exhibit displays a valid JSON file?

Four JSON snippets are shown in boxes, each with a radio button to its left:

- ```
{
 "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 31

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

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

Answer: D

NEW QUESTION 35

Refer to the exhibit.

```

SW2#show spanning-tree
VLAN0001
  Spanning tree enabled protocol ieee
  Root ID    Priority    32769
             Address     5000.0005.0000
             Cost        4
             Port        1 (GigabitEthernet0/0)
             Hello Time  2 sec  Max Age 20 sec  Forward Delay 15 sec

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

Interface                Role Sts Cost      Prio.Nbr Type
-----
Gi0/0                    Root FWD  4        128.1   P2p
Gi0/1                    Altn  BLK  4        32.2    P2p
    
```

Link1 is a copper connection and Link2 is a fiber connection. The fiber port must be the primary port for all forwarding. The output of the show spanning-tree command on SW2 shows that the fiber port is blocked by spanning tree. An engineer enters the spanning-tree port-priority 32 command on GO/1 on SW2, but the port remains blocked. Which command should be entered on the ports that are connected to Link2 to resolve the issue?

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

Answer: A

NEW QUESTION 40

Refer to the exhibit.

The WLC administrator sees that the controller to which a roaming client associates has Mobility Role Anchor configured under Clients > Detail. Which type of roaming is supported?

- A. Indirect
- B. Layer 3 intercontroller
- C. Layer 2 intercontroller
- D. Intracontroller

Answer: B

NEW QUESTION 44

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

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

Answer: B

NEW QUESTION 45

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

- A. MACsec
- B. IPsec
- C. SSL
- D. Cisco Trustsec

Answer: A

NEW QUESTION 50

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

Answer: C

NEW QUESTION 53

Refer to the exhibit.

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

An engineer must modify the access control list EGRESS to allow all IP traffic from subnet 10.1.10.0/24 to 10.1.2.0/24. The access control list is applied in the outbound direction on router interface GigabitEthernet 0/1. Which configuration commands can the engineer use to allow this traffic without disrupting existing traffic flows?

A)

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

B)

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

C)

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

D)

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

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

Answer: B

NEW QUESTION 57

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

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

- A. Mastered
- B. Not Mastered

Answer: A

Explanation:

OSPF: SEGMENT, LINK STATE, TABLES
 EIGRP: UNEQUAL PATH, DISTANCE VECTOR, METRIC

NEW QUESTION 61

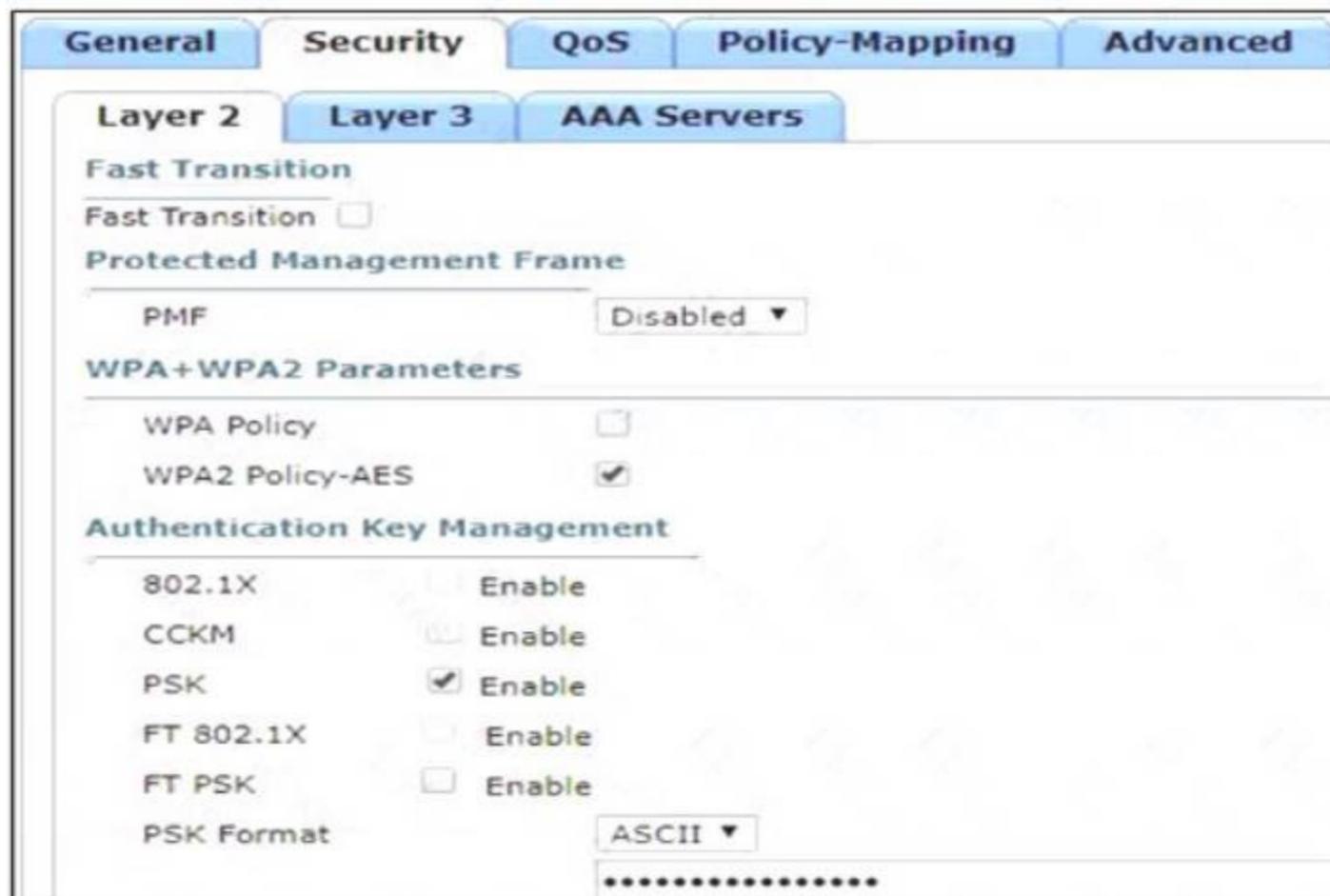
What is the correct EGP path attribute list, ordered from most preferred to the least preferred, that the BGP best-path algorithm uses?

- A. weigh
- B. AS path, local preferenc
- C. MED
- D. weight, local preference AS path, MED
- E. local preference weight AS path, MED
- F. local preference, weight MED, AS path

Answer: B

NEW QUESTION 63

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 68

Which two descriptions of FlexConnect mode for Cisco APs are true? (Choose two.)

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

Answer: CD

NEW QUESTION 69

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 71

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

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

Answer: C

NEW QUESTION 76

Which requirement for an Ansible-managed node is true?

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

Answer: A

NEW QUESTION 79

Refer to the exhibit.

```
Name is Bob Johnson
Age is 75
Is alive

Favorite foods are:
- Cereal
- Mustard
- Onions
```

What is the JSON syntax that is formed the data?

- A. Name: Bob, Johson, Age: 75, Alive: true, Favourite Food
- B. [Cereal, "Mustard", "Onions"]
- C. Name", "Bob" Johson", "Age", 75, "Alive", true, "favourite Foods", ["Cereal, "Mustard", Onions"]}
- D. Name', 'Bob Johson,' 'Age', 75, 'Alive', true, 'favourite Foods' 'Cereal', 'Mustard', 'Onions'}
- E. Name". "Bob Johson", "Age": Seventyfive, "Alive" true, "favourite Foods" ,[Cereal" "Mustard" "Onions"]}

Answer: C

NEW QUESTION 82

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

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

Answer: D

NEW QUESTION 86

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

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

Answer: A

NEW QUESTION 88

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