

Exam Questions 350-401

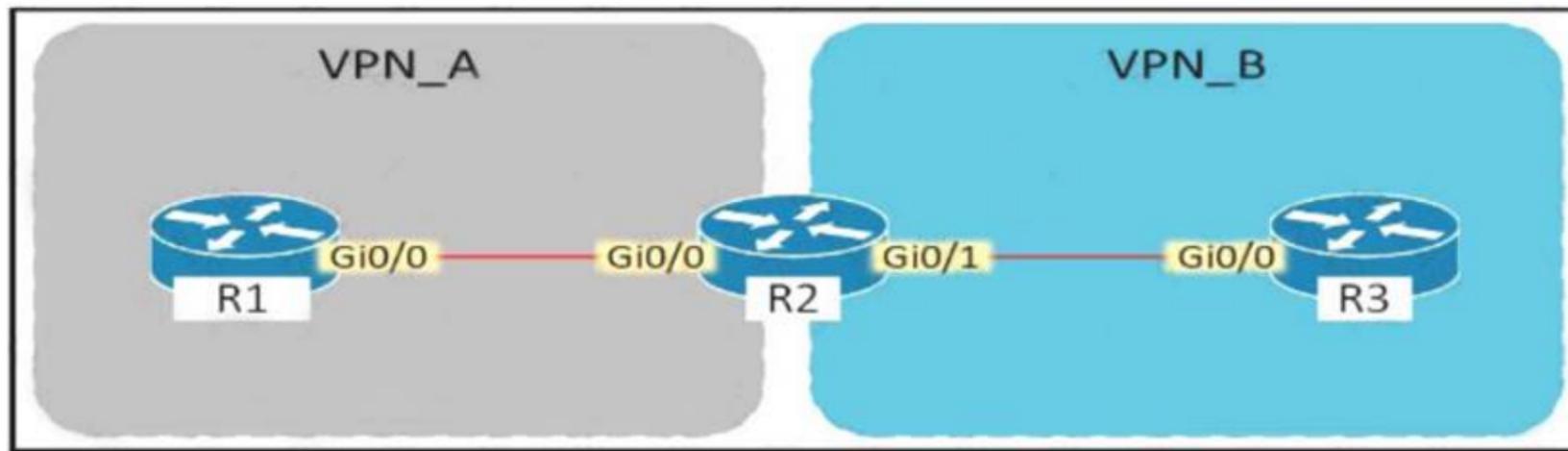
Implementing and Operating Cisco Enterprise Network Core Technologies

<https://www.2passeasy.com/dumps/350-401/>



NEW QUESTION 1

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 2**

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 3**

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 4**

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

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

Answer: B**NEW QUESTION 5**

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 6**

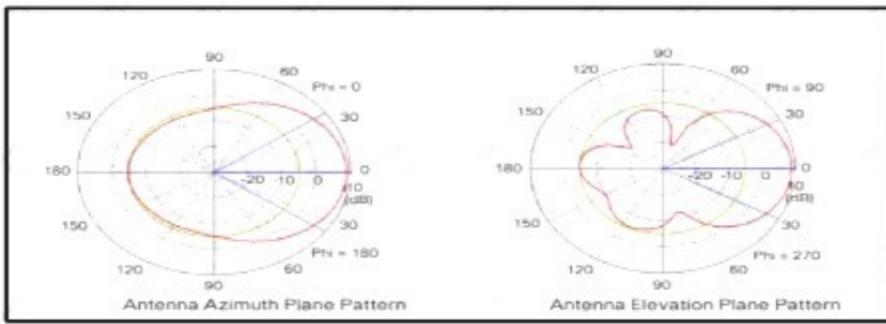
Which PAgP mode combination prevents an Etherchannel from forming?

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

Answer: A

NEW QUESTION 7

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 8

Which statement about Cisco Express Forwarding is true?

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

Answer: B

NEW QUESTION 9

Which statement about multicast RPs is true?

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

Answer: D

NEW QUESTION 10

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 10

Which statement about a fabric access point is true?

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

Answer: C

NEW QUESTION 12

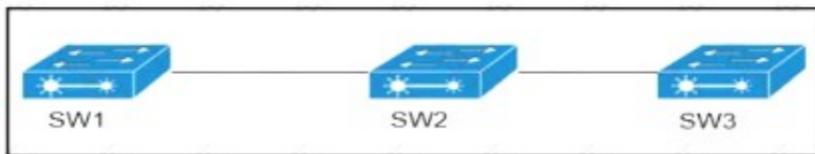
Which OSPF network types are compatible and allow communication through the two peering devices?

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

Answer: B

NEW QUESTION 15

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 16

Which exhibit displays a valid JSON file?

Four JSON code blocks are shown, each with a radio button to its left. The first block is selected.

```

{
  "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 20

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 21

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

- A. Permit 10.0.0.0.0.0.0.1
- B. Permit 10.0.0.1.0.0.0.0
- C. Permit 10.0.0.1.0.0.0.254
- D. Permit 10.0.0.0.255.255.255.254

Answer: C

NEW QUESTION 26

Which statements are used for error handling in Python?

- A. try/catch
- B. try/except

- C. block/rescue
- D. catch/release

Answer: B

NEW QUESTION 31

Which statement about VXLAN is true?

- A. VXLAN uses TCP 35 the transport protocol over the physical data cento network
- B. VXLAN extends the Layer 2 Segment ID field to 24-bit
- C. which allows up to 4094 unique Layer 2 segments over the same network.
- D. VXLAN encapsulates a Layer 2 frame in an IP-UDP header, which allows Layer 2 adjacency across router boundaries.
- E. VXLAN uses the Spanning Tree Protocol for loop prevention.

Answer: C

NEW QUESTION 35

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 38

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

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

Answer: B

NEW QUESTION 41

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

- A. GLBP
- B. HSRP v2
- C. VRRP
- D. HSRP v1

Answer: A

NEW QUESTION 45

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 48

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 52

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

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

Answer: B

NEW QUESTION 55

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

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

Answer: D

NEW QUESTION 58

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 60

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

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

Answer: C

NEW QUESTION 64

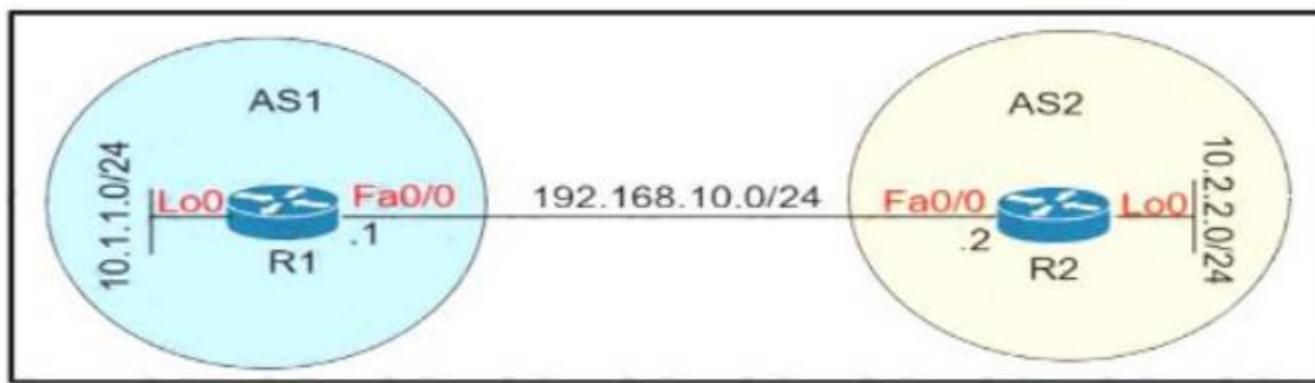
Which description of an SD-Access wireless network infrastructure deployment is true?

- 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 the fabric overlay.
- D. The wireless client is part of the fabric overlay.

Answer: C

NEW QUESTION 68

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 70

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 73

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 76

What is the correct EBGP 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 80

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 82

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

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

Answer: BD

NEW QUESTION 85

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 86

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 91

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

NEW QUESTION 93

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

- A. security group tag ACL assigned to each port on a switch
- B. security group tag number assigned to each port on a network
- C. security group tag number assigned to each user on a switch
- D. security group tag ACL assigned to each router on a network

Answer: B

NEW QUESTION 95

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

- A. HEAD
- B. REMOVE
- C. PULL
- D. PATCH
- E. ADD
- F. PUSH

Answer: AD

NEW QUESTION 97

What are two common sources of interference for WI-FI networks? (Choose two.)

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

Answer: AC

NEW QUESTION 99

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

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

Answer: B

NEW QUESTION 103

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