



200-301^{Q&As}

Implementing and Administering Cisco Solutions (CCNA) (Include
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**QUESTION 1****DRAG DROP**

Drag and drop the AAA terms from the left onto the description on the right.

Select and Place:

accounting	tracks activity
authentication	updates session attribute
authorization	verifies access rights
CoA	verifies identity

Correct Answer:

	accounting
	CoA
	authorization
	authentication

QUESTION 2

What are two fundamentals of virtualization? (Choose two.)

- A. It allows logical network devices to move traffic between virtual machines and the rest of the physical network.
- B. It allows multiple operating systems and applications to run independently on one physical server.



- C. It allows a physical router to directly connect NICs from each virtual machine into the network.
- D. It requires that some servers, virtual machines, and network gear reside on the Internet.
- E. The environment must be configured with one hypervisor that serves solely as a network manager to monitor SNMP traffic.

Correct Answer: AB

QUESTION 3

Which type of security program is violated when a group of employees enters a building using the ID badge of only one person?

- A. intrusion detection
- B. user awareness
- C. physical access control
- D. network authorization

Correct Answer: C

QUESTION 4

What is a function of a firewall on an enterprise network?

- A. It allows and denies ingress and egress traffic.
- B. It serves as a default gateway to hosts on the internet.
- C. It processes traffic based on stateless inspection.
- D. It acts as the intermediary device between the enterprise and its ISP.

Correct Answer: A

QUESTION 5

DRAG DROP

Drag and drop the wireless architecture benefits from the left onto the architecture types on the right.

Select and Place:



Appropriate for a small-business environment.

Work is divided between the access point and the controller.

The access points transmit beacon frames.

Supports per device configuration and management.

Uses the CAPWAP tunneling protocol.

Split-MAC

Autonomous

Correct Answer:



Split-MAC

Work is divided between the access point and the controller.

Uses the CAPWAP tunneling protocol.

The access points transmit beacon frames.

Autonomous

Appropriate for a small-business environment.

Supports per device configuration and management.

QUESTION 6



What is represented by the word "port" within this JSON schema?

```
1 [  
2 {"router": "R_pittsburgh", "port": "te6/21"},  
3 {"VPN concentrator": "VPN47", "port": "c6/37"},  
4 {"firewall": "FW28", "port": "ge7/42"}  
5 ]
```

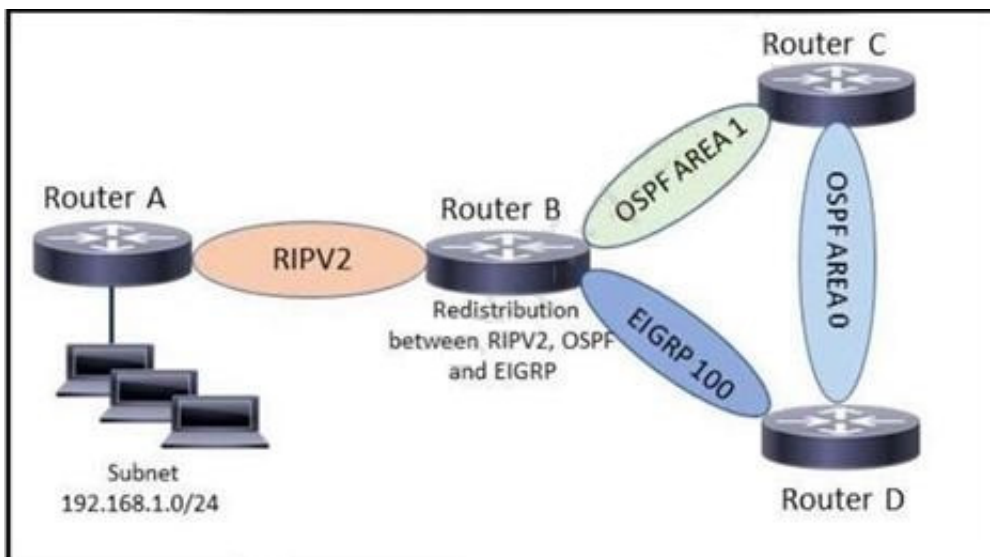
- A. key
- B. value
- C. array
- D. object

Correct Answer: A

Within this JSON schema, the word "port" is a key within the objects represented by the curly braces {}. Each object in the schema has two key-value pairs, where "port" is one of the keys.

QUESTION 7

Refer to the exhibit.



When an administrator executes the show ip route command on router D to view its routing table, which value is displayed for the administrative distance for the route to network 192.168 1.0?

- A. 110
- B. 120
- C. 170



D. 90

Correct Answer: A

If you test in Packet Tracer, you will see that every route redistributed from another protocol (interface X) on the router to (interface Y) OSPF, appears ON THE NEXT router as "O E2", but the administrative distance remains the same "AD 110".

Unlike EIGRP - when a router receives a redistributed route from another protocol (in this case RIPv2), it will appear as an EIGRP route with the initials "D EX", but its administrative distance will no longer be 90, in this case it will appear as "AD 170".

In the question we have both, AD 110 (O E2) or AD 170 (D EX) for the same destination network 192.168 1.0. AD 110 will be the winner and will appear in the routing table of router D... AD 170 will be a backup and will only be displayed if the first one fails.

QUESTION 8

Refer to the exhibit.

```
{"apple": ["red", 1], "ripe": true}
```

What does apple represent within the JSON data?

- A. array
- B. object
- C. number
- D. string

Correct Answer: D

<https://restfulapi.net/json-data-types/>

QUESTION 9

DRAG DROP

Drag and drop the DNS commands from the left onto their effects on the right.

Select and Place:



ip domain-lookup	adds an entry to the host table
ip domain-name	completes the FQDN of the DNS server
ip host switch_1 192.168.0.1	displays address-mapping information
ip name-server	enables host-to-IP-address translation
show hosts	specifies the IP address of the DNS server

Correct Answer:

	ip host switch_1 192.168.0.1
	ip domain-name
	show hosts
	ip domain-lookup
	ip name-server

QUESTION 10

Which interface is used for out-of-band management on a WLC?

- A. management
- B. virtual
- C. dynamic
- D. service port

Correct Answer: D

Out of band is service-port interface In band is management interface

QUESTION 11

When is the PUT method used within HTTP?



- A. to update a DNS server
- B. when a nonidempotent operation is needed
- C. to display a web site
- D. when a read-only operation is required

Correct Answer: A

"Standard REST methods are supported on the API, which includes POST, GET, PUT, and DELETE operations through HTTP. The PUT methods are idempotent, meaning that there is no additional effect if they are called more than once with the same input parameters. The GET method is nullipotent, meaning that it can be called zero or more times without making any changes (or that it is a read-only operation)."

https://www.cisco.com/c/en/us/td/docs/switches/datacenter/aci/aci_multi-site/sw/1x/rest_api_config/b_Cisco_ACI_Multi-Site_REST_Configuration_Guide/b_Cisco_ACI_Multi-Site_REST_Config_Guide_chapter_01.pdf

QUESTION 12

What is the primary purpose of a First Hop Redundancy Protocol?

- A. It allows directly connected neighbors to share configuration information.
- B. It allows a router to use bridge priorities to create multiple loop-free paths to a single destination.
- C. It reduces routing failures by allowing Layer 3 load balancing between OSPF neighbors that have the same link metric.
- D. It reduces routing failures by allowing more than one router to represent itself, as the default gateway of a network.

Correct Answer: D

QUESTION 13

Which two VLAN IDs indicate a default VLAN? (Choose two.)

- A. 0
- B. 1
- C. 1005
- D. 1006
- E. 4096

Correct Answer: BC

VLAN 1 is a system default VLAN, you can use this VLAN but you cannot delete it. By default VLAN 1 is use for every port on the switch. Standard VLAN range from 1002-1005 it\\'s Cisco default for FDDI and Token Ring. You cannot



delete VLANs 1002-1005. Mostly we don't use VLAN in this range.

QUESTION 14

Refer to the exhibit. Which two prefixes are included in this routing table entry? (Choose two.)

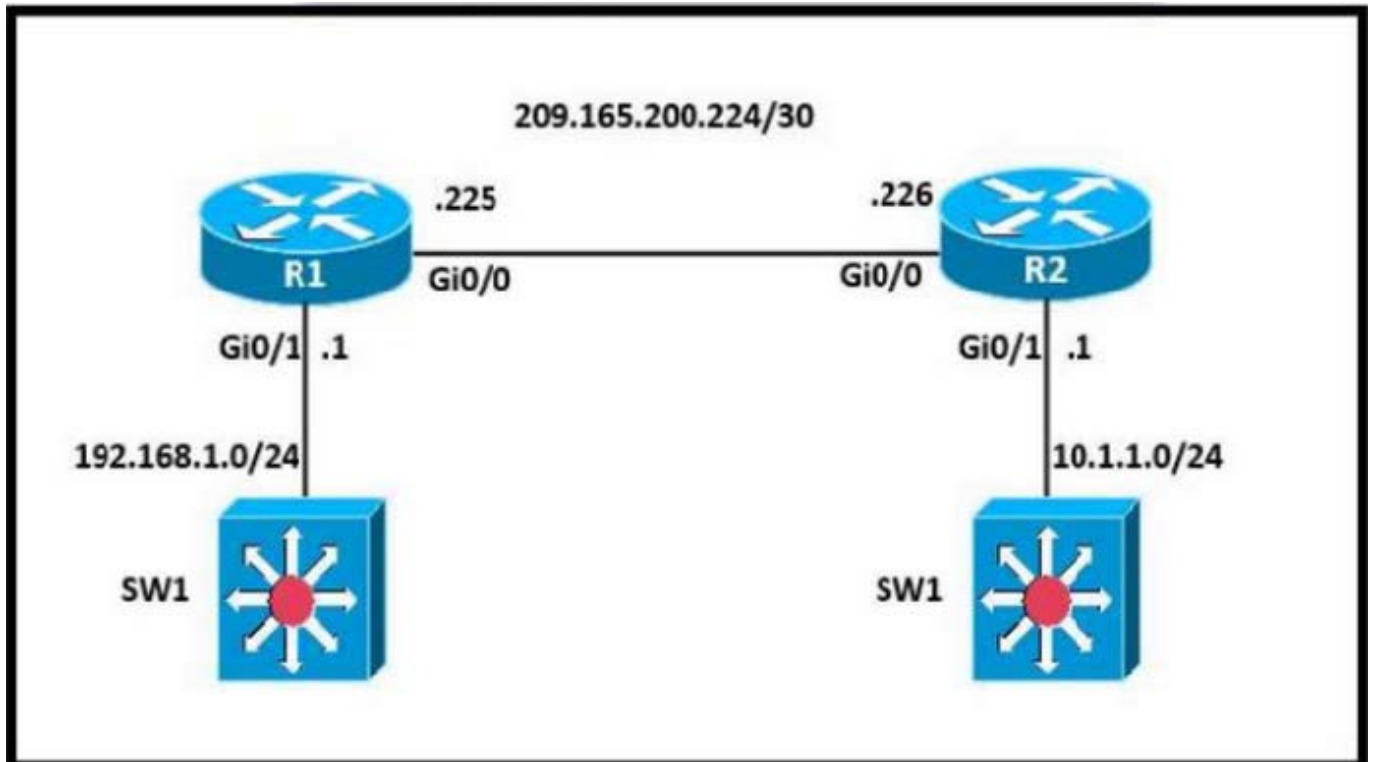
```
R2#show ip route
C      192.168.1.0/26 is directly connected, FastEthernet0/1
```

- A. 192.168.1.17
- B. 192.168.1.61
- C. 192.168.1.64
- D. 192.168.1.127
- E. 192.168.1.254

Correct Answer: AB

QUESTION 15

Refer to the exhibit.



A network engineer is in the process of establishing IP connectivity between two sites. Routers R1 and R2 are partially configured with IP addressing. Both routers have the ability to access devices on their respective LANs.

Which command set configures the IP connectivity between devices located on both LANs in each site?

- A. R1 ip route 192.168.1.1 255.255.255.0 GigabitEthernet0/1 R2 ip route 10.1.1.1 255.255.255.0 GigabitEthernet0/1
- B. R1 ip route 192.168.1.0 255.255.255.0 GigabitEthernet0/0 R2 ip route 10.1.1.1 255.255.255.0 GigabitEthernet0/0
- C. R1 ip route 0.0.0.0 0.0.0.0 209.165.200.225 R2 ip route 0.0.0.0 0.0.0.0 209.165.200.226
- D. R1 ip route 0.0.0.0 0.0.0.0 209.165.200.226 R2 ip route 0.0.0.0 0.0.0.0 209.165.200.225

Correct Answer: D

Router(config)#ip route 0.0.0.0 0.0.0.0 [exit-interface or IP address of the next-hop]

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