

**Explanation:**

<https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2020/pdf/BRKEWN-3010.pdf>

Four things determine “Air Time Efficiency”  
Wi-Fi’s 1-5 have delivered on 3 of these....



**QUESTION 332**

A network engineer is configuring OSPF on a router. The engineer wants to prevent having a route to 177.16.0.0/16 learned via OSPF. In the routing table and configures a prefix list using the command `ip prefix-list OFFICE seq S deny 172.16.0.0/16`. Which two identical configuration commands must be applied to accomplish the goal? (Choose two.)

- A. `distribute-list prefix OFFICE in` under the OSPF process
- B. `ip prefix-list OFFICE seq 10 permit 0.0.0.0/0 le 32`
- C. `ip prefix-list OFFICE seq 10 permit 0.0.0.0/0 ge 32`
- D. `distribute-list OFFICE out` under the OSPF process
- E. `distribute-list OFFICE in` under the OSPF process

**Correct Answer:** AB

**QUESTION 333**

Which three methods does Cisco DNA Centre use to discover devices? (Choose three)

- A. CDP
- B. SNMP
- C. LLDP
- D. ping
- E. NETCONF
- F. a specified range of IP addresses

**Correct Answer:** ACF

**QUESTION 334**

Refer to the exhibit. Which python code parses the response and prints "18:32:21.474 UTC sun Mar 10 2019"?

```
import requests
import json

url='https://switchIP.foo.com/ins'
switchuser='username'
switchpassword='password123'

myheaders={'content-type':'application/json-rpc'}
payload=[
  {
    "jsonrpc": "2.0",
    "method": "cli",
    "params": {
      "cmd": "show clock",
      "version": 1
    },
    "id": 1
  }
]

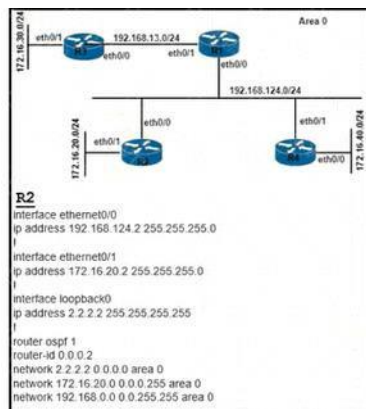
response = requests.post(url,data=json.dumps(payload), headers=myheaders,auth=(switchuser,switchpassword), verify=False,json())
```

- A. print(response['resut'][0]['simple\_time'])
- B. print(response[result]['body']['simple\_time'])
- C. print(response['body']['simple\_time'])
- D. print(response[result]['body']['simple\_time'])

**Correct Answer: B**

**QUESTION 335**

Refer to the exhibit. An attacker can advertise OSPF fake routes from 172.16.20.0 network to the OSPF domain and black hole traffic. Which action must be taken to avoid this attack and still be able to advertise this subnet into OSPF?



- A. Configure 172.16.20.0 as a stub network.
- B. Apply a policy to filter OSPF packets on R2.
- C. Configure a passive Interface on R2 toward 172.16.20.0.
- D. Configure graceful restart on the 172.16.20.0 interface.

**Correct Answer: C**

**QUESTION 336**

How does an on-premises infrastructure compare to a cloud infrastructure?

- A. On-premises can increase compute power faster than cloud
- B. On-premises requires less power and cooling resources than cloud

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- C. On-premises offers faster deployment than cloud
- D. On-premises offers lower latency for physically adjacent systems than cloud.

**Correct Answer:** D

**QUESTION 337**

What is a characteristic of a WLC that is in master controller mode?

- A. All wireless LAN controllers are managed by the master controller.
- B. All new APs that join the WLAN are assigned to the master controller.
- C. Configuration on the master controller is executed on all wireless LAN controllers.
- D. The master controller is responsible for load balancing all connecting clients to other controllers

**Correct Answer:** B

**Explanation:**

When should I use the master controller mode on a WLC?

When there is a master controller enabled, all newly added access points with no primary, secondary, or tertiary controllers assigned associate with the master controller on the same subnet.

**QUESTION 338**

Which protocol infers that a YANG data model is being used?

- A. SNMP
- B. NX-API
- C. REST
- D. RESTCONF

**Correct Answer:** D

**Explanation:**

YANG (Yet another Next Generation) is a data modeling language for the definition of data sent over network management protocols such as the NETCONF and RESTCONF.

**QUESTION 339**

What is one main REST security design principle?

- A. separation of privilege
- B. password hashing
- C. confidential algorithms
- D. OAuth

**Correct Answer:** A

**Explanation:**

Separation of Privilege: Granting permissions to an entity should not be purely based on a single condition, a combination of conditions based on the type of resource is a better idea.

<https://restfulapi.net/security-essentials/#:~:text=REST%20Security%20Design%20Principles&text=Least%20Privilege%3A%20An%20entity%20should,when%20no%20longer%20in%20use.>

**QUESTION 340**

Which function is handled by vManage in the Cisco SD-WAN fabric?

- A. Establishes BFD sessions to test liveliness of links and nodes.
- B. Distributes policies that govern data forwarding.
- C. Performs remote software upgrades for WAN Edge vSmart and vBond.
- D. Establishes IPsec tunnels with nodes

**Correct Answer: C**

**QUESTION 341**

A customer has recently implemented a new wireless infrastructure using WLC-5520 at a site directly next to a large commercial airport. Users report that they intermittently lose Wi-Fi connectivity, and troubleshooting reveals it is due to frequent channel changes. Which two actions fix this issue? (Choose two)

- A. Remove UNII-2 and Extended UNII-2 channels from the 5 GHz channel list
- B. Restore the DCA default settings because this automatically avoids channel interference.
- C. Configure channels on the UNII-2 and the Extended UNII-2 sub-bands of the 5 GHz band only
- D. Enable DFS channels because they are immune to radar interference.
- E. Disable DFS channels to prevent interference with Doppler radar

**Correct Answer: AE**

**QUESTION 342**

Which feature is used to propagate ARP broadcast, and link-local frames across a Cisco SD-Access fabric to address connectivity needs for silent hosts that require reception of traffic to start communicating?

- A. Native Fabric Multicast
- B. Layer 2 Flooding
- C. SOA Transit
- D. Multisite Fabric

**Correct Answer: B**

**Explanation:**

Layer 2 Flooding

Cisco SD-Access fabric provides many optimizations to improve unicast traffic flow, and to reduce the unnecessary flooding of data such as broadcasts. But, for some traffic and applications, it may be desirable to enable broadcast forwarding within the fabric.

By default, this is disabled in the Cisco SD-Access architecture. If broadcast, Link local multicast and ARP flooding is required, it must be specifically enabled on a per-subnet basis using Layer 2 flooding feature.

Layer 2 flooding can be used to forward broadcasts for certain traffic and application types which may require leveraging of Layer 2 connectivity, such as silent hosts, card readers, door locks, etc.

**QUESTION 343**

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Refer to the exhibit. An engineer configures the trunk and proceeds to configure an ERSPAN session to monitor VLANs 10, 20, and 30. Which command must be added to complete this configuration?

```
switch > enable
switch # configure terminal
switch(config)# interface GigabitEthernet 1/10
switch(config-if)# switchport mode trunk
switch(config-if)# switchport trunk allowed vlan 10,20,30
switch(config-if)# exit
switch (config)# monitor session 1 type erspan-source
switch(config-mon-erspan-src)# description source 1
switch(config-mon-erspan-src)# source vlan 10
switch(config-mon-erspan-src)# source vlan 20
switch(config-mon-erspan-src)# filter vlan 30
switch(config-mon-erspan-src)# destination
switch(config-mon-erspan-src-dst)# erspan-id 100
switch(config-mon-erspan-src-dst)# origin ip address 10.1.0.1
switch(config-mon-erspan-src-dst)# ip prec 5
switch(config-mon-erspan-src-dst)# ip ttl 32
switch(config-mon-erspan-src-dst)# mtu 1500
switch(config-mon-erspan-src-dst)# ip address 10.10.0.1
switch(config-mon-erspan-src-dst)# vrf 1
switch(config-mon-erspan-src-dst)# no shutdown
switch(config-mon-erspan-src-dst)# end
```

- A. Device(config.mon.erspan.stc)# no filter vlan 30
- B. Devic(config.mon.erspan.src-dst)# no vrf 1
- C. Devic(config.mon.erspan.src-dst)# erspan id 6
- D. Device(config.mon-erspan.Src-dst)# mtu 1460

**Correct Answer: A**

**QUESTION 344**

A customer deploys a new wireless network to perform location-based services using Cisco DNA Spaces. The customer has a single WLC located on-premises in a secure data center. The security team does not want to expose the WLC to the public Internet. Which solution allows the customer to securely send RSSI updates to Cisco DNA Spaces?

- A. Implement Cisco Mobility Services Engine
- B. Replace the WLC with a cloud-based controller.
- C. Perform tethering with Cisco DNA Center.
- D. Deploy a Cisco DNA Spaces connector as a VM.

**Correct Answer: D**

**QUESTION 345**

Refer to the exhibit. Which code results in the working Python script displaying a list of network devices from the Cisco DNA Center?