

Real Exam Snapshots were taken on 27th September 2021

I RECORDED THIS EXAM BUT WHEN IT WAS SAVING I MISTAKENLY TURN OFF MY COMPUTER SO I MISSED SOME QUESTIONS

لقد سجلت هذا الاختبار ولكن عندما كان يتم توفيره ، قمت بإيقاف تشغيل جهاز الكمبيوتر الخاص بي بشكل خاطئ ، لذا فقد فاتني بعض الأسئلة

Which method should an engineer use to deal with a long-standing contention issue between any two VMs on the same host?

- adjust the resource reservation limits
- live migrate the VM to another host
- reset the VM
- reset the host

An engineer is describing QoS to a client. Which two facts apply to traffic policing? (Choose two.)

- Policing should be performed as close to the destination as possible.
- Policing typically delays the traffic, rather than drops it.
- Policing adapts to network congestion by queuing excess traffic.
- Policing drops traffic that exceeds the defined rate.
- Policing should be performed as close to the source as possible.

In a wireless Cisco SD-Access deployment, which roaming method is used when a user moves from one AP to another on a different access switch using a single WLC?

- Layer 3
- inter-xTR
- auto anchor
- fast roam

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

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

Refer to the exhibit. What is the JSON syntax that is formed from the data?

- {Name: Bob Johnson, Age: 75, Alive: true, Favorite Foods: [Cereal, Mustard, Onions]}
- {'Name': 'Bob Johnson', 'Age': 75, 'Alive': True, 'Favorite Foods': 'Cereal', 'Mustard', 'Onions'}
- {"Name": "Bob Johnson", "Age": 75, "Alive": true, "Favorite Foods": ["Cereal", "Mustard", "Onions"]}
- {"Name": "Bob Johnson", "Age": Seventyfive, "Alive": true, "Favorite Foods": ["Cereal", "Mustard", "Onions"]}

What is the centralized control policy in a Cisco SD-WAN deployment?

- list of ordered statements that define user access policies
- set of statements that defines how routing is performed
- set of rules that governs nodes authentication within the cloud
- list of enabled services for all nodes within the cloud

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Drag and drop the characteristics from the left onto the appropriate infrastructure deployment types on the right.

customizable hardware, purpose-built systems

easy to scale and upgrade

more suitable for companies with specific regulatory or security requirements

resources can be over or underutilized as requirements vary

requires a strong and stable internet connection

built-in, automated data backups and recovery

On Premises

Cloud

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What is one fact about Cisco SD-Access wireless network deployments?

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

Drag and drop the REST API authentication methods from the left onto their descriptions on the right.

HTTP basic authentication	public API resource
OAuth	username and password in an encoded string
secure vault	authorization through identity provider

secure vault

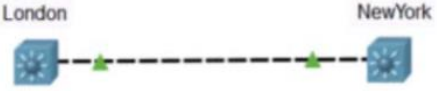
HTTP basic authentication

OAuth

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```
London(config)#interface range fa0/1-2
London(config-if-range)#switchp trunk encapsulation dot1q
London(config-if-range)#switchp mode trunk
London(config-if-range)#channel-group 1 mode active
London(config-if-range)#end
London#
```

```
NewYork#show etherchannel summary
Flags: D - down        P - in port-channel
       I - stand-alone s - suspended
       H - Hot-standby (LACP only)
       R - Layer3      S - Layer2
       U - in use      f - failed to allocate aggregator
       u - unsuitable for bundling
       w - waiting to be aggregated
       d - default port

Number of channel-groups in use: 1
Number of aggregators:          1
Group  Port-channel  Protocol    Ports
-----
1      Po1(SD)           PAgP        Fa0/1(I) Fa0/2(D)
NewYork#
NewYork#show etherchannel port-channel
Channel-group listing:
-----
Group: 1
-----
Port-channels in the group:
-----
Port-channel: Po1
-----
Age of the Port-channel = 00d:00h:14m:20s
Logical slot/port = 2/1      Number of ports = 0
GC = 0x00000000      HotStandBy port = null
Port state = Port-channel |
Protocol = PAgP
Port Security = Disabled
```

Refer to the exhibit. Communication between London and New York is down. Which command set must be applied to the NewYork switch to resolve the issue?

- ```
NewYork(config)#no interface po1
NewYork(config)#interface range fa0/1-2
NewYork(config-if)#channel-group 1 mode on
NewYork(config-if)#end
NewYork#
```
- ```
NewYork(config)#no interface po1
NewYork(config)#interface range fa0/1-2
NewYork(config-if)#channel-group 1 mode negotiate
NewYork(config-if)#end
NewYork#
```
- ```
NewYork(config)#no interface po1
NewYork(config)#interface range fa0/1-2
NewYork(config-if)#channel-group 1 mode auto
NewYork(config-if)#end
NewYork#
```
- ```
NewYork(config)#no interface po1
NewYork(config)#interface range fa0/1-2
NewYork(config-if)#channel-group 1 mode passive
NewYork(config-if)#end
NewYork#
```

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What is one benefit of implementing a VSS architecture?

- It uses GLBP to balance traffic between gateways.
- It provides multiple points of management for redundancy and improved support.
- It provides a single point of management for improved efficiency.
- It uses a single database to manage configuration for multiple switches.

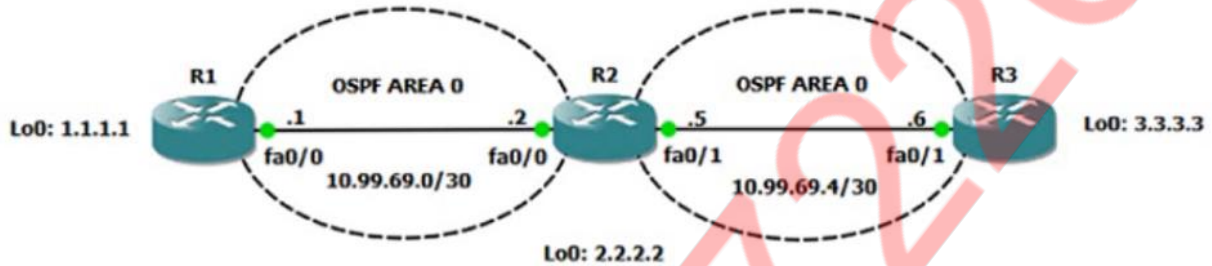
What is a consideration when designing a Cisco SD-Access underlay network?

- End user subnets and endpoints are part of the underlay network.
- Static routing is a requirement.
- It must support IPv4 and IPv6 underlay networks.
- The underlay switches provide endpoint physical connectivity for users.

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```
R1#ping
Protocol [ip]:
Target IP address: 3.3.3.3
Repeat count [5]: 3
Datagram size [100]: 1500
Timeout in seconds [2]:
Extended commands [n]: y
Source address or interface: 1.1.1.1
Type of service [0]:
Set DF bit in IP header? [no]: yes
Validate reply data? [no]:
Data pattern [0xABCD]:
Loose, Strict, Record, Timestamp, Verbose[none]: Record
Number of hops [ 9 ]:
Loose, Strict, Record, Timestamp, Verbose[RV]:
Sweep range of sizes [n]:
Type escape sequence to abort.
Sending 3, 1500-byte ICMP Echos to 3.3.3.3, timeout is 2 seconds:
Packet sent with a source address of 1.1.1.1
Packet sent with the DF bit set
Packet has IP options: Total option bytes= 39, padded length=40
Record route: <*>
(0.0.0.0)
(0.0.0.0)
```

```
Unreachable from 10.99.69.2, maximum MTU 1492. Received packet has options
Total option bytes= 39, padded length=40
Record route: <*>
(0.0.0.0)
(0.0.0.0)
[output omitted]
```

Refer to the exhibit. R1 is able to ping the R3 fa0/1 interface. Why do the extended pings fail?

- R3 is missing a return route to 10.99.69.0/30.
- The DF bit has been set.
- The maximum packet size accepted by the command is 1476 bytes.
- R2 and R3 do not have an OSPF adjacency.

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```
PYTHON CODE:
import requests
import json

url='http://YOURIP/ins'
switchuser='USERID'
switchpassword='PASSWORD'

myheaders={'content-type':'application/json'}
payload={
  "ins_api": {
    "version": "1.0",
    "type": "cli_show",
    "chunk": "0",
    "sid": "1",
    "input": "show version",
    "output_format": "json"
  }
}
response = requests.post(url,data=json.dumps(payload), headers=myheaders,auth=(switchuser,switchpassword)).json()
print(response["ins_api"]["outputs"]["output"]["body"]["kickstart_ver_str"])
```

```
HTTP JSON Response
{
  "ins_api": {
    "type": "cli_show",
    "version": "1.0",
    "sid": "eoc",
    "outputs": {
      "output": {
        "input": "show version",
        "msg": "Success",
        "code": "200",
        "body": {
          "bios_ver_str": "07.61",
          "kickstart_ver_str": "7.0(3)I7(4)",
          "bios_cmpl_time": "04/06/2017",
          "kick_file_name": "bootflash://nxos.7.0.3.I7.4.bin",
          "kick_cmpl_time": "6/14/1970 2:00:00",
          "kick_tmstamp": "06/14/1970 09:49:04",
          "chassis_id": "Nexus9000 93180YC-EX chassis",
          "cpu_name": "Intel(R) Xeon(R) CPU @ 1.80GHz",
          "memory": 24633488,
          "mem_type": "kB",
          "tr_usecs": 134703,
          "tr_ctime": "Sun Mar 10 15:41:46 2019",
          "tr_reason": "Reset Requested by CLI command reload",
          "tr_sys_ver": "7.0(3)I7(4)",
          "tr_service": "",
          "manufacturer": "Cisco Systems, Inc.",
          "TABLE_package_list": {
            "ROW_package_list": {
              "package_id": {}
            }
          }
        }
      }
    }
  }
}
```

Refer to the exhibit. Which HTTP JSON response does the Python code output give?

- 7.61
- NameError: name 'json' is not defined
- 7.0(3)I7(4)
- KeyError: 'kickstart_ver_str'

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A company has an existing Cisco 5520 HA cluster using SSO. An engineer deploys a new single Cisco Catalyst 9800 WLC to test new features. The engineer successfully configures a mobility tunnel between the 5520 cluster and 9800 WLC. Clients connected to the corporate WLAN roam seamlessly between access points on the 5520 and 9800 WLC. After a failure on the primary 5520 WLC, all WLAN services remain functional; however, clients cannot roam between the 5520 and 9800 controllers without dropping their connection. Which feature must be configured to remedy the issue?

- mobility MAC on the 5520 cluster
- mobility MAC on the 9800 WLC
- new mobility on the 5520 cluster
- new mobility on the 9800 WLC

Drag and drop the characteristics from the left onto the routing protocols they describe on the right.

maintains alternative loop-free backup path if available	OSPF
quickly computes new path upon link failure	
selects routes using the DUAL algorithm	EIGRP