



Workbook Details	
Name:	350-401 Cisco Enterprise Network Core Technologies (ENCOR)
Questions:	185 (Q/A) – DEMO 20 (Q/A)
Exam Code:	350-401
Vendor:	Cisco
Last Update:	20 th May, 2022

Question 1.

Which component of the Cisco Cyber Threat Defense solution provides user and flow context analysis?

- A. Cisco Firepower and FireSIGHT
- B. Cisco Stealth watch system
- C. Advanced Malware Protection
- D. Cisco Web Security Appliance

Answer: B

Question 2.

Refer to the exhibit. Which command set must be added to permit and log all traffic that comes from 172.20.10.1 in interface GigabitEthernet0/1 without impacting the functionality of the access list?

```
Router#show access-lists
Extended IP access list 100
 10 permit ip 192.168.0.0 0.0.255.255 any
 20 permit ip 172.16.0.0 0.0.15.255 any
```

- A. Router(config)#no access-list 100 permit ip 172.16.0.0 0.0.15.255 any
Router(config)#access-list 100 permit ip 172.16.0.0 0.0.15.255 any log
Router(config)#interface GigabitEthernet0/1
Router(config-if)#access-group 100 in
- B. Router(config)#access-list 100 seq 5 permit ip host 172.20.10.1 any log
Router(config)#interface GigabitEthernet0/1
Router(config-if)#access-group 100 in
- C. Router(config)#ip access-list extended 100
Router(config-ext-nacl)#5 permit ip 172.20.10.0 0.0.0.255 any log
Router(config)#interface GigabitEthernet0/1
Router(config-if)#access-group 100 in
- D. Router(config)#access-list 100 permit ip host 172.20.10.1 any log
Router(config)#interface GigabitEthernet0/1
Router(config-if)#access-group 100 in

Answer: D

Question 3.

Clients > Detail

< Back

Apply

Link Test

Remove

Client Properties

AP Properties

MAC Address	00:09:ef:95:07:bd	AP Address	3c:ce:73:1b:33:39
IP Address	192.100.101.100	AP Name	172.22.253.20
Client Type	Regular	AP Type	Mobile
User Name		WLAN Profile	Staff
Port Number	29	Status	Associated
Interface	Staff	Association ID	0
VLAN ID	1602	802.11 Authentication	Open System
CCX Version	Not Supported	Reason Code	1
E2E Version	Not Supported	Status Code	0
Mobility Role	Anchor	CF Pollable	Not Implemented
Mobility Peer IP Address	172.22.253.20	CF Poll Request	Not Implemented
Policy Manager State	LUN	Short Preamble	Implemented
Management Frame Protection	No	PBCC	Not Implemented
UpTime (Sec)	3710	Channel Agility	Not Implemented
Power Save Mode	OFF	Timeout	0
Current TxRateSet		WEP State	WEP Enable
Data RateSet	5.5,11.0,6.6,9.0,12.0,19.0,24.0,26.6,40.0,51.6		

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. intracontroller
- C. Layer 3 intercontroller
- D. Layer 2 intercontroller

Answer: C

Question 4.

```
R1#show ip interface brief | include 192.168.12
FastEthernet0/0 192.108.12.1 YES manual up up
```

```
R1#ping CUST-A 192.168.12.2
```

To escape sequence to abort

```
Sending 5,100byte ICMP Echos to 192.168.12.2, timeout is 2 seconds:
```

```
!!!!
```

```
Success rate is 100 percent (5/5), round trip min/avg/max = 1/1/1 ms
```

R1# show ip arp 192.168.12.2

R1#

Refer to the exhibit. A network engineer checks connectivity between two routers. The engineer can ping the remote endpoint but cannot see an ARP entry. Why is there no ARP entry ?

- A. the ping command must be executed in the global routing table
- B. When VRFs are used, ARP protocol must be enabled in each VRF
- C. Interface FastEthernet0/0 is configured in VRF CUST-A, so the ARP entry is also in that VRF
- D. When VRFs are used, ARP protocol is disabled in the global routing table

Answer: C

Question 5.

Refer to the exhibit. Traffic is not passing between SW1 and SW2. Which action fixes the issue?

S1# show ethernetchannel summary

Flags: D- down P – bundled in port-channel

I – stand alone s – suspended

H – Hot standby (LACP only)

R – Layer3 S- Layer 2

U – in use f – failed to allocate aggregator

M – not in use minimum links not meet

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          Pol (SD)          -          Fa0/1 (D) Fa0/2 (D)
```

S1# show run begin interface port-channel

interface Port—channel 1

switchport mode trunk

!

interface FastEthernet0/1

switchport mode trunk

channel-group 1 mode on

```
!  
interface FastEthernet0/2  
switchport mode trunk  
channel-group 1 mode on  
!  
<Output omitted>  
  
S2# show run | Begin interface port-channel  
interface Port-channel1  
switchport mode trunk  
!  
interface FastEthernet0/1  
switchport mode trunk  
channel-group 1 mode desirable  
!  
interface FastEthernet0/2  
switchport mode trunk  
channel-group 1 mode desirable  
!  
<Output omitted>
```

Refer to the exhibit. Traffic is not passing between SW1 and SW2. Which action fixes the issue?

- A. Configure switch port mode to ISL on S2
- B. [Configure PAgP mode on S1 to desirable](#)
- C. Configure LACP mode on S1 to active
- D. Configure LACP mode on S1 to passive

Answer: B

Question 6.

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
- C. On-premises offers faster deployment than cloud
- D. [On-premises offers lower latency for physically adjacent systems than cloud.](#)

Answer: D

Question 7.

In which two ways does the routing protocol OSPF differ from EIGRP? (Choose two)

- A. OSPF supports an unlimited number of hops. EIGRP supports a maximum of 255 hops
- B. OSPF supports only equal-cost load-balancing. EIGRP supports unequal-cost load-balancing
- C. OSPF provides shorter convergence time than EIGRP
- D. OSPF is distance vector protocol. EIGRP is a link-state protocol
- E. OSPF supports unequal-cost load-balancing. EIGRP supports equal-cost load-balancing

Answer: A, B

Question 8.

In Cisco DNA Center what is the integration API?

- A. westbound interface, which allows the exchange of data to be used by ITSM, IPAM and reporting
- B. northbound consumer-facing RESTful API, which enables network discovery and configuration management
- C. southbound consumer-facing RESTful API, which enables network discovery and configuration management
- D. an interface between the controller and the network devices, which enables network discovery and configuration management

Answer: A

Question 9.

Which protocol is implemented to establish secure control plane adjacencies between Cisco SD-WAN nodes?

- A. DTLS
- B. ESP
- C. IKE
- D. IPsec

Answer: A

Question 10.

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. Anchor WLC
- B. ISE server
- C. RADIUS server
- D. Local WLC

Answer: D

Question 11.

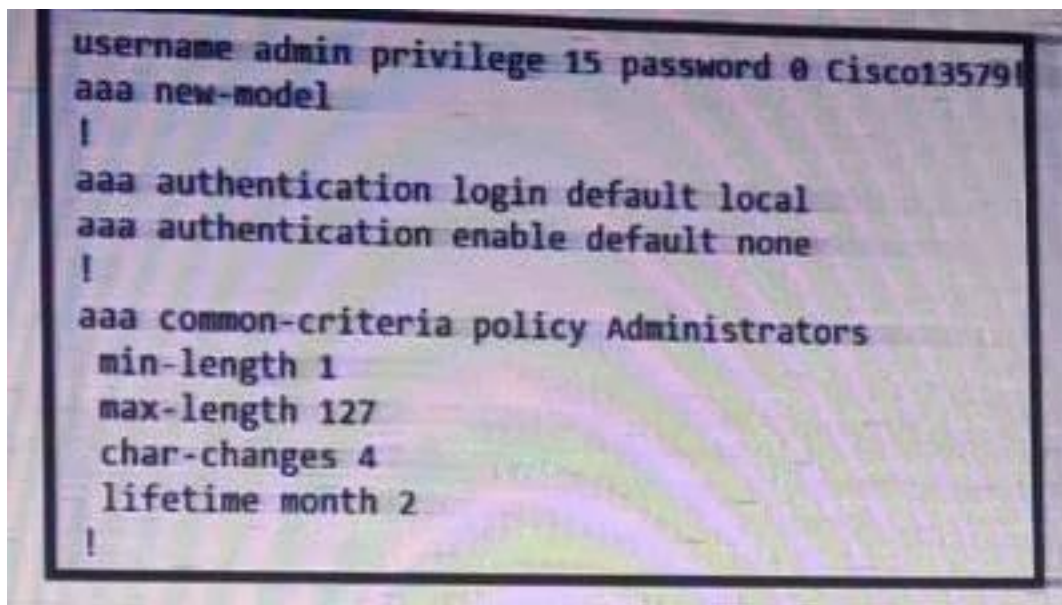
A network administrator has designed a network with two multilayer switches on the distribution layer, which act as a default gateway for the end hosts. Which two technologies allow every end host in a VLAN to use both gateway? (Choose two.)

- A. VSS
- B. GLBP
- C. MHSRP
- D. HSRP
- E. VRRP

Answer: BC

Question 12.

Refer to the exhibit. A network engineer must configure a password expiry mechanism on the gateway router for all local passwords to expire after 60 days. What is required to complete this task?



```
username admin privilege 15 password 0 Cisco13579!  
aaa new-model  
!  
aaa authentication login default local  
aaa authentication enable default none  
!  
aaa common-criteria policy Administrators  
  min-length 1  
  max-length 127  
  char-changes 4  
  lifetime month 2  
!
```

- A. Add the username admin privilege 15 common-criteria-policy Administrators password Cisco013579! command.
- B. Add the aaa authentication enable default Administrators command.
- C. The password expiry mechanism is on the AAA server and must be configured there.

D. No further action is required. The configuration is complete

Answer: A

Question 13.

Refer to the exhibit. The administrator troubleshoots an EtherChannel that keeps moving to err-disabled. Which two actions must be taken to resolve the issue? (Choose two.)

```

Cat3650# show logging
[... cur ...]
-sep 11 19:06:25:595: -PM-4-ERR_DISABLE: channel-misconfig error detected on Po1, putting Gi1/0/2
In err-disable state
-sep 11 19:06:25:606: -PM-4-ERR_DISABLE: channel-misconfig error detected on Po1, putting Gi1/0/3
In err-disable state
-sep 11 19:06:25:622: -PM-4-ERR_DISABLE: channel-misconfig error detected on Po1, putting Pol in
In err-disable state

Cat3650# show etherchannel summary
[... cur ...]
Group port-channel protocol ports
-----
1 Po1(SD) - Gi1/0/2(D) Gi1/0/3(D)

Cat3650# show interface status err-disabled
Port Name Status Reason Err-disabled Vlans
-----
Gi1/0/2 err-disabled channel-misconfig
Gi1/0/3 err-disabled channel-misconfig
Pol err-disabled channel-misconfig
    
```

- A. Ensure that the corresponding port channel interface on the neighbor switch is named port-channel1.
- B. Ensure that the switchport parameters of port-channel1 match the parameters of the port channel on the neighbor switch .
- C. Ensure that the interfaces Gi1/0/2 and Gi1/0/3 connect to the same neighboring switch.
- D. Ensure that the neighbor interfaces of Gi1/0/2 are Gi1/0/3 are configured as members of the same EtherChannel.
- E. Reload the switch to force EtherChannel renegotiation.

Answer: BD

Question 14.

Which definition describes JWT in regard to rest API security ?

- A. an encrypted JSON token that is used for authentication
- B. an encoded JSON token that is used to securely exchange information
- C. an encoded JSON token that is used for authentication
- D. an encrypted JSON token that is used for authorization

Answer: B

Question 15.

A network administrator is preparing a Python script to configure a Cisco IOS XE based device on the network. The administrator is worried that colleagues will make changes to the device while the script is running. Which operation of the client manager in prevent colleague making changes to the device while the script is running?

- A. m.lock (config='running')
- B. m.lock (target='running')
- C. m.freeze (target='running')
- D. m.freeze(config='running')

Answer: B

Question 16.

Drag and drop and the wireless elements on the left to their definitions on the right

Answer Area

beamwidth	a graph that shows the relative intensity of the signal strength of an antenna within its space
polarization	the relative increase in signal strength of an antenna in a given direction
radiation patterns	measures the angle of an antenna pattern in which the relative signal strength is half-power below the maximum value
gain	radiated electromagnetic waves that influence the orientation of an antenna within its electromagnetic field

ANSWER :

Answer Area

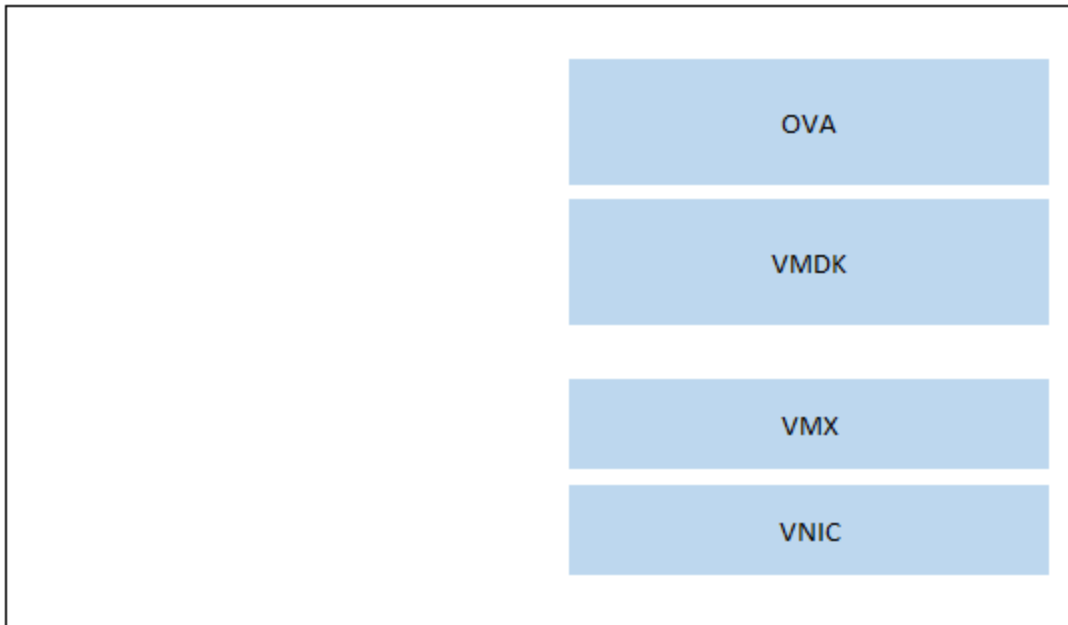
- radiation patterns
- gain
- beamwidth
- polarization

Question 17.

Drag and drop the virtual components from the left onto their descriptions on the right.

VNIC	zip file connecting a virtual machine configuration file and a virtual disk
OVA	file containing a virtual machine disk drive
VMDK	configuration file containing settings for a virtual machine such as guest OS
VMX	component of a virtual machine responsible for sending packets to the hypervisor

ANSWER :



Question 18.

Drag and drop the characteristics from the left onto the orchestration tool they describe on the right.

Answer Area

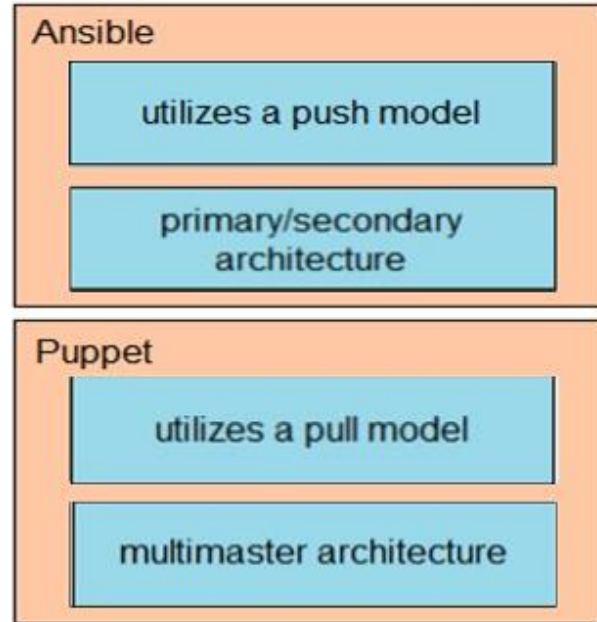
- utilizes a pull model
- utilizes a push model
- multimaster architecture
- primary/secondary architecture

Ansible

Puppet

ANSWER :

Answer Area



Question 19.

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

ANSWER :

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

Question 20.

Drag and drop the snippets onto the blanks within the code to construct a script that adds a prefix list to a route map and sets the local preference. Not all option are used?

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