



350-401^{Q&As}

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QUESTION 1

What is one being of implementing a data model language?

- A. accuracy of the operations performed
- B. uses XML style of data formatting
- C. machine-oriented logic and language-facilitated processing.
- D. conceptual representation to simplify interpretation.

Correct Answer: A

QUESTION 2

Which Cisco SD-WAN component acts as a single pane of glass for management and offers centralized fault, performance, accounting, and configuration management?

- A. vBond
- B. vEdge
- C. vSmart
- D. vManage

Correct Answer: D

QUESTION 3

When does a stack master lose its role?

- A. When the priority value of a stack member is changed to a higher value
- B. when a switch with a higher priority is added to the stack
- C. when the stack master is reset
- D. when a stack member fails

Correct Answer: C

A stack master retains its role unless one of these events occurs:

1.
The switch stack is reset.*
- 2.



The stack master is removed from the switch stack.

3.

The stack master is reset or powered off.

4.

The stack master fails.

5.

The switch stack membership is increased by adding powered-on standalone switches or switch stacks.*

In the events marked by an asterisk (*), the current stack master might be re-elected based on the listed factors. When you power on or reset an entire switch stack, some stack members might not participate in the stack master election. Stack members that are powered on within the same 20-second time frame participate in the stack master election and have a chance to become the stack master. Stack members that are powered on after the 20-second time frame do not participate in this initial election and become stack members. All stack members participate in re-elections. For all powering considerations that affect stack-master elections, see the "Switch Installation" chapter in the hardware installation guide. The new stack master becomes available after a few seconds. In the meantime, the switch stack uses the forwarding tables in memory to minimize network disruption. The physical interfaces on the other available stack members are not affected during a new stack master election and reset. After a new stack master is elected and the previous stack master becomes available, the previous stack master does not resume its role as stack master. As described in the hardware installation guide, you can use the Master LED on the switch to see if the switch is the stack master.

https://www.cisco.com/c/en/us/td/docs/switches/lan/catalyst3750x_3560x/software/release/12-2_55_se/configuration/guide/3750xscg/swstack.html

QUESTION 4

Refer to the exhibit.

```
Controller(config-wlan)#security pmf
```

You are configuring a controller that runs Cisco IOS XE by using the CLI. Which three configuration options are used for 802.11w Protected Management Frames? (Choose three.)

- A. mandatory
- B. association-comeback
- C. SA teardown protection
- D. saquery-retry-time
- E. enable
- F. comeback-time



Correct Answer: ABD

Reference: https://www.cisco.com/c/en/us/td/docs/wireless/controller/technotes/5700/software/release/ios_xe_33/11rkw_DeploymentGuide/b_802point11rkw_deployment_guide_cisco_ios_xe_release33/b_802point11rkw_deployment_guide_cisco_ios_xe_release33_chapter_0100.pdf

QUESTION 5

A network administrator is configuring a configuration management tool for some network devices that does not support agent. Select what option will you pick from the below options to successfully configure configuration management tool for that device.

- A. Agent based Configuration
- B. Agent Less Configuration
- C. Proxy-agent Configuration
- D. None of the above

Correct Answer: B

QUESTION 6

An organization wants to use the cisco SD-WAN regionalized service-chaining feature to optimize cost and user experience with application in the network, which allows branch routers to analyze and steer traffic toward the required network function. Which feature meets this requirement?

- A. Cloud Services Platform
- B. VNF Service Chaining
- C. Cloud onRamp for Colocation
- D. Cloud onRamp for IaaS

Correct Answer: C

QUESTION 7

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



Correct Answer: C

Reference: <https://developer.mozilla.org/en-US/docs/Web/HTTP/Status/401>

QUESTION 8

Refer to the exhibit.

```
ip sla 100
  udp-echo 10.10.10.15 6336
  frequency 30
```

An engineer has configured an IP SLA for UDP echo's. Which command is needed to start the IP SLA to test every 30 seconds and continue until stopped?

- A. ip sla schedule 100 life forever
- B. ip sla schedule 30 start-time now life forever
- C. ip sla schedule 100 start-time now life 30
- D. ip sla schedule 100 start-time now life forever

Correct Answer: D

Frequency 30 already sends it every 30 seconds

QUESTION 9

```
%PM-4-ERR_DISABLE: channel-misconfig (STP) error detected on Po2, putting Et0/1 in err-disable state
FEC: pagp_switch_hotstandby: for agport Po2
FEC: pagp_switch_hotstandby: PAGP not enabled on agport Po2
FEC: pagp_switch_port_down: Et0/1 Inform no
FEC: pagp_switch_invoke_port_down: Et0/1
FEC: fec_unbundle: Et0/1
FEC: pagp_switch_change_vgc: gcchngrq == 0 for Et0/1
FEC: pagp_switch_change_vgc: Et0/1 gcchngrq = 0 gc = 0
FEC: pagp_switch_delete_port_from_agport_internal: delete_port_from_agport: for port Et0/1
FEC: delete port (Et0/1) from agport (Po2)
FEC: pagp_switch_delete_port_from_agport_list: afb->nports-- = 1 [Et0/1]
FEC: Un-Bndl msg NOT send to PM for port Et0/1 from Po2
FEC: pagp_switch_reset_load_index: reading load-index for port Po2
FEC: fec_set_agport_macaddr: Po2 Et0/1 (remove)
FEC: coerce_hwaddr_unix: get aabb.cc00.2020 for L2 Po2 from Et0/2
FEC: coerce_hwaddr_unix: set aabb.cc00.2020 for Po2, 1/1
```

Refer to the exhibit. After unsuccessfully configuring an EtherChannel link, an engineer enables debugging. Which action will resolve the issue?

- A. Configure the EtherChannel members in desirable mode.
- B. Set the EtherChannel to mode on.



- C. Set the EtherChannel to mode active.
- D. Configure the EtherChannel members in passive mode.

Correct Answer: C

QUESTION 10

What is the calculation that is used to measure the radiated power of a signal after it has gone through the radio, antenna cable, and antenna?

- A. EIRP
- B. mW
- C. dBm
- D. dBi

Correct Answer: A

QUESTION 11

DRAG DROP

Drag and drop packet switching architecture from the left onto the correct positions on the right.

Select and Place:

	Process Switching
It is referred as "software" switching	
It is used when you have to perform in high packet volume	
It uses General Purpose CPU to perform that switching	
	Cisco Express Forwarding

Correct Answer:



Process Switching	
	It is referred as “software” switching
	It uses General Purpose CPU to perform that switching
	Cisco Express Forwarding
	It is used when you have to perform in high packet volume

QUESTION 12**DRAG DROP**

An engineer is working with the Cisco DNA Center API Drag and drop the methods from the left onto the actions that they are used for on the right.

Select and Place:

Answer Area

GET	remove an element using the API
POST	update an element
DELETE	extract information from the API
PUT	create an element

Correct Answer:



Answer Area

DELETE

PUT

GET

POST

QUESTION 13

Refer to the exhibit.

```
*Sep 16 09:13:40:974: %SPANTREE-7-RECV_1Q_NON_TRUNK: Received 802.1Q BPDU on non trunk GigabitEthernet0/0 VLAN0001.  
*Sep 16 09:13:40:977: %SPANTREE-7-BLOCK_PORT_TYPE: Blocking GigabitEthernet0/0 on VLAN0001. Inconsistent port type.
```

Two switches are interconnected using interface GigabitEthernet0/0 on both sides. While configuring one of the switches, a network engineer receives the logging message. Which action resolves this issue?

- A. Block VLAN1 on the trunk interface GigabitEthernet0/0.
- B. Configure interface GigabitEthernet0/0 as an access port.
- C. Configure interface GigabitEthernet0/0 as a trunk port.
- D. Shutdown interface GigabitEthernet0/0 and bring it back up.

Correct Answer: C

QUESTION 14



The login method is configured on the VTY lines of a router with these parameters.

1.

The first method for authentication is TACACS

2.

If TACACS is unavailable, login is allowed without any provided credentials

Which configuration accomplishes this task?

A. R1#sh run | include aaa aaa new-model aaa authentication login VTY group tacacs+ none aaa session-id common
R1#sh run | section vty line vty 0 4 password 7 0202039485748 R1#sh run | include username R1#

B. R1#sh run | include aaa aaa new-model aaa authentication login telnet group tacacs+ none aaa session-id common
R1#sh run | section vty line vty 0 4 R1#sh run | include username R1#

C. R1#sh run | include aaa aaa new-model aaa authentication login default group tacacs+ none aaa session-id common
R1#sh run | section vty line vty 0 4 password 7 0202039485748 R1#sh run | include username R1#

D. R1#sh run | include aaa aaa new-model aaa authentication login default group tacacs+ aaa session-id common
R1#sh run | section vty line vty 0 4 transport input none R1#

Correct Answer: C

According to the requirements (first use TACACS+, then allow login with no authentication), we have to use "aaa authentication login ... group tacacs+ none" for AAA command. The next thing to check is the if the "aaa authentication login default" or "aaa authentication login list-name" is used. The `default` keyword means we want to apply for all login connections (such as tty, vty, console and aux). If we use this keyword, we don't need to configure anything else under tty, vty and aux lines. If we don't use this keyword then we have to specify which line(s) we want to apply the authentication feature. From above information, we can find out answer `R1#sh run | include aaa aaa new-model aaa authentication login default group tacacs+ none aaa session-id common R1#sh run | section vty line vty 0 4 password 7 0202039485748` If you want to learn more about AAA configuration, please read our AAA TACACS+ and RADIUS Tutorial ?Part 2. For your information, answer `R1#sh run | include aaa aaa new-model aaa authentication login telnet group tacacs+ none aaa session-id common R1#sh run | section vty line vty 0 4 R1#sh run | include username R1#` would be correct if we add the following command under vty line ("line vty 0 4"): "login authentication telnet" ("telnet" is the name of the AAA list above)

QUESTION 15

Which component handles the orchestration plane of the Cisco SD-WAN?

A. vBond

B. vSmart

C. vManage

D. vEdge

Correct Answer: A

+ Orchestration plane (vBond) assists in securely onboarding the SD-WAN WAN Edge routers into the SD-WAN overlay. The vBond controller, or orchestrator, authenticates and authorizes the SD-WAN components onto the network.



The vBond orchestrator takes an added responsibility to distribute the list of vSmart and vManage controller information to the WAN Edge routers. vBond is the only device in SD-WAN that requires a public IP address as it is the first point of contact and authentication for all SD-WAN components to join the SD-WAN fabric. All other components need to know the vBond IP or DNS information.

Reference: <https://www.ciscolive.com/c/dam/r/ciscolive/emea/docs/2018/pdf/BRKCRS-2112.pdf> page 8.

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