QUESTIONS & *ANSWERS*

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DBCLOUD EXAMS

EXPERIENICIA Y TECNOLOGÍA

DBCLOUD CERTIFIED

Technology Provider: Fortinet
Exam: Fortinet NSE 6 - FortiSwitch 7.2
Number of questions in the database: 52
Exam Version: SEP. 2026

Topic 1 - Exam A

Question #1*Topic 1*

Refer to the diagnostic output:

```
# diagnose switch-controller switch-info mac-table
Vdom: root
S224EPTF19005928 0:
MAC address Interface vlan
=======================================
04:d5:90:39:73:3d internal 4092
04:d5:90:3e:e2:88 port1 4089
00:50:56:96:e3:fc GVM1V0000141680 4089
04:d5:90:39:73:3d internal 4094
00:50:56:96:e3:fc GVM1V0000141680 4094
```

Two entries in the exhibit show that the same MAC address has been used in two different VLANs. Which MAC address is shown in the above output?

- A. It is a MAC address of FortiLink interface on FortiGate.
- B. It is a MAC address of a switch that accepts multiple VLANs.
- C. It is a MAC address of an upstream FortiSwitch.
- D. It is a MAC address of FortiGate in HA configuration.

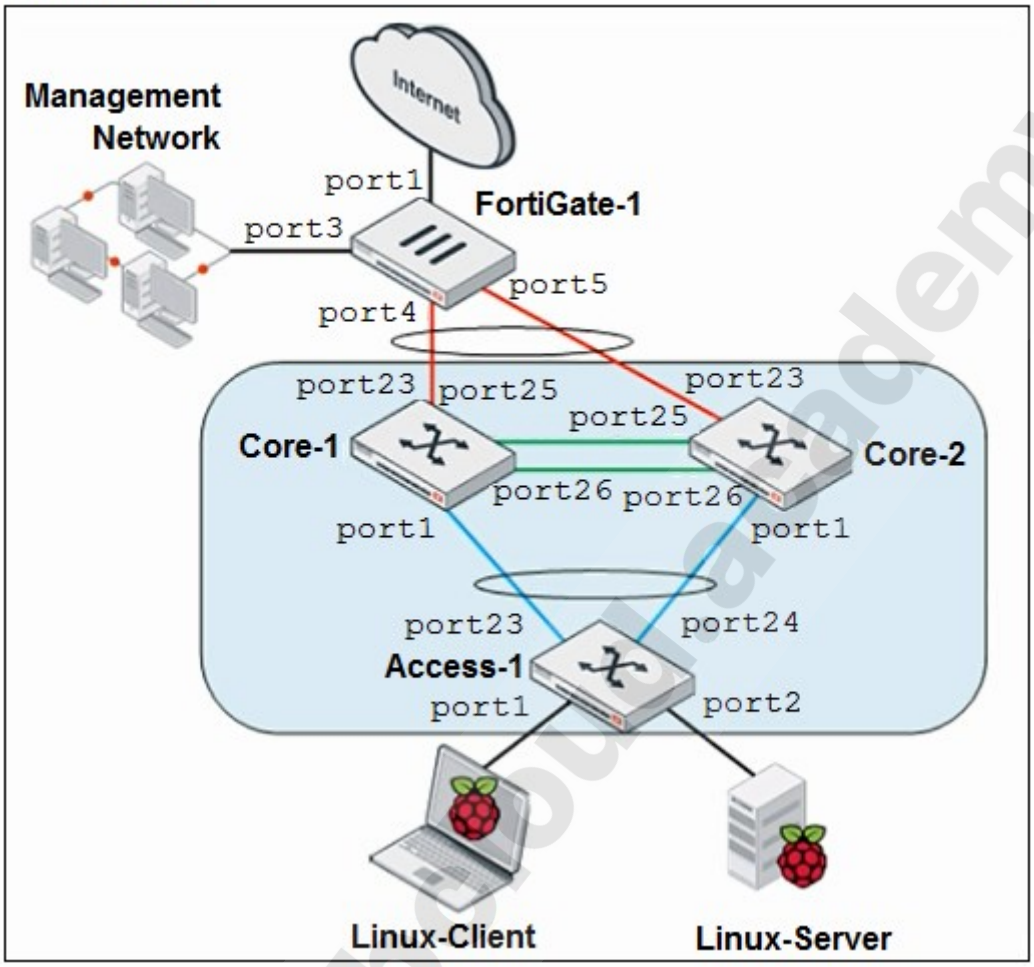
Correct Answer: *D*

Question #2*Topic 1*

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Refer to the exhibit.

MCL-Topology



Core-1 and Access-1 are managed and authorized by FortiGate-1, which uses port4 as the FortLink interface. After FortiGate authorizes and manages Core-2, port1 status becomes STP discarding. Why is port1 in the discarding state?

- A. port1 on Core-2 is discarding only management traffic.
- B. Core-1 and Core-2 do not have MCLAG configuration.
- C. Access-1 is the root bridge and can only have one root port.
- D. Core-2 has the lowest bridge priority.

Correct Answer: *B*

Question #3*Topic 1*

Which two statements about the FortiLink authorization process are true? (Choose two.)

- A. The administrator must manually pre-authorize FortiGate on FortiSwitch by adding the FortiGate serial number.

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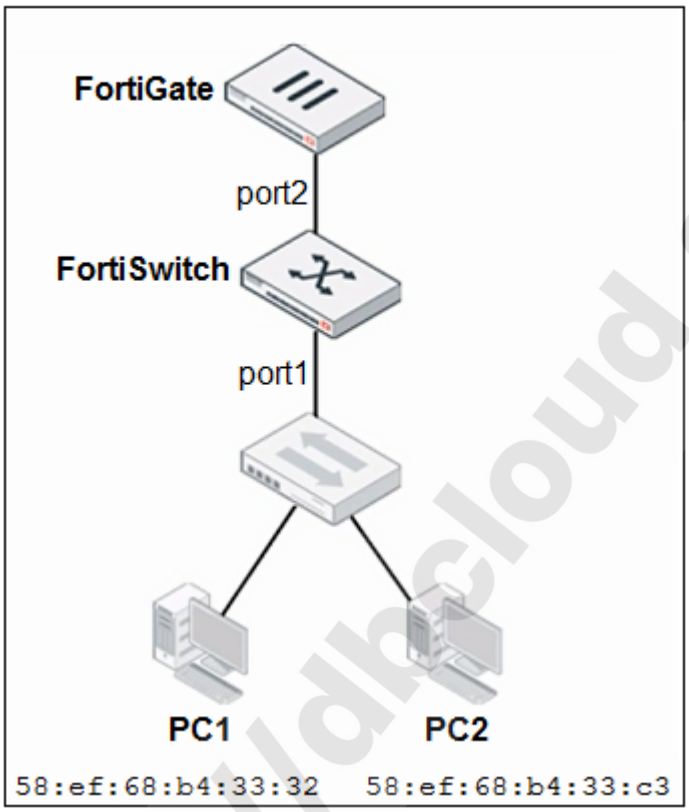
- B. FortiSwitch requires a reboot to complete the authorization process.
- C. Fortiink frame is sent by FortiGate to FortiSwitch to complete the authorization.
- D. FortiLink authorization sets the FortiSwitch management mode to FortiLink.

Correct Answer: *CD*

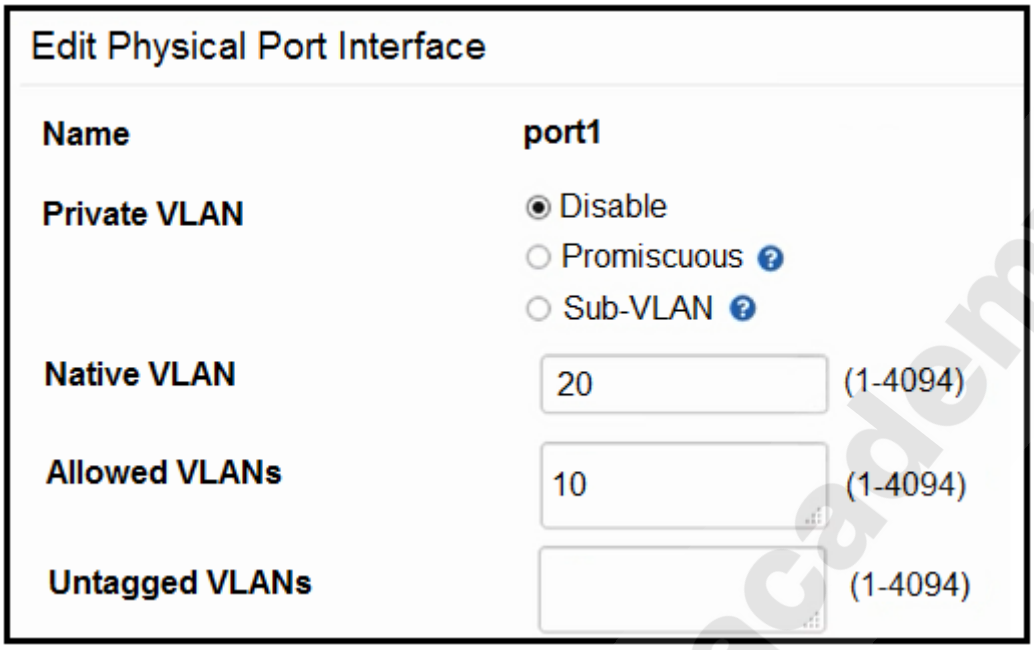
Question #4*Topic 1*

Refer to the exhibits.

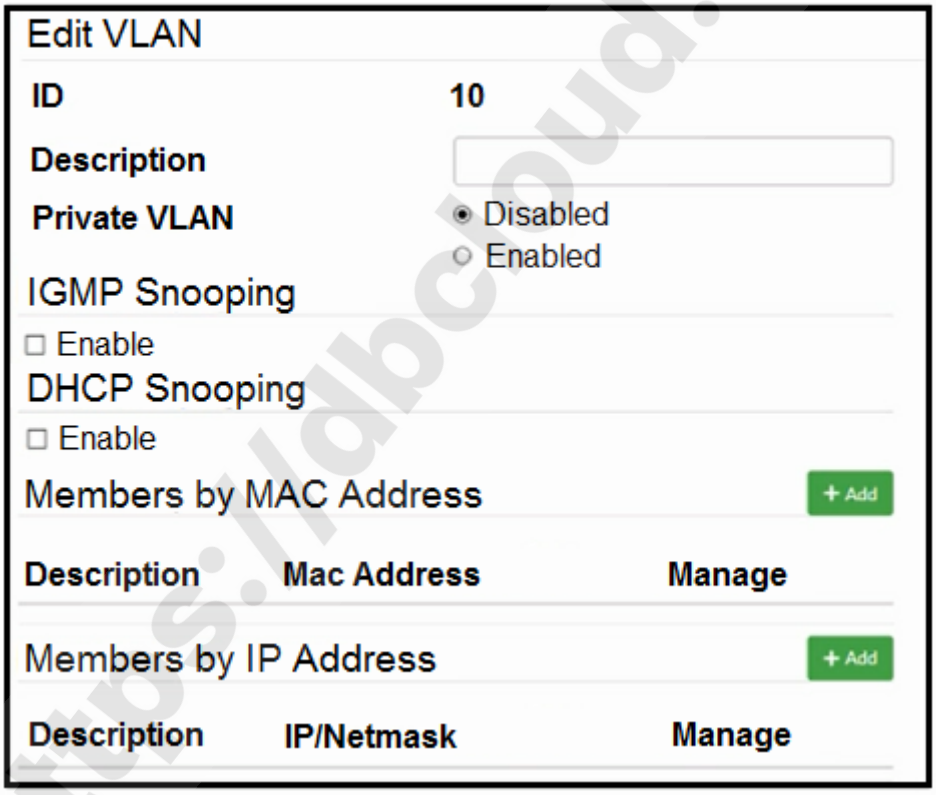
Topology



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VLAN



Traffic arriving on port2 on FortiSwitch is tagged with VLAN ID 10 and destined for PC1 connected on port1. PC1 expects to receive traffic untagged from port1 on FortiSwitch. Which two configurations can you perform on FortiSwitch to ensure PC1 receives untagged traffic on port1? (Choose two.)

- A. Add the MAC address of PC1 as a member of VLAN 10.

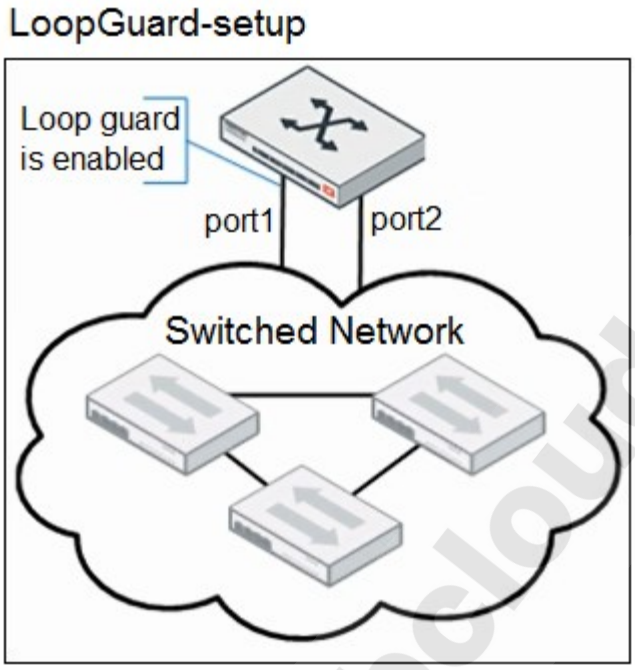
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- B. Add VLAN ID 10 as a member of the untagged VLANs on port1
- C. Remove VLAN 10 from the allowed VLANs and add it to untagged VLANs on port1
- D. Enable Private VLAN on VLAN 10 and add VLAN 20 as an isolated VLAN.

Correct Answer: *BC*

Question #5*Topic 1*

Refer to the exhibits.



LoopGuard-setup

```
# diagnose switch-controller switch-info loop-guard S108EF4N17000029:
S108EF4N17000029:
Portname            State     Status    Timeout(m) Mac-Move    Count   Last-Event
------------------- --------- --------- ---------- ---------- ------- -------------------
port1               enabled   Triggered 2          0          1       2021-02-19 15:50:35
port2               disabled  -         -          -          -       -
port3               disabled  -         -          -          -       -
port4               disabled  -         -          -          -       -
port5               disabled  -         -          -          -       -
port6               disabled  -         -          -          -       -
port9               disabled  -         -          -          -       -
port10              disabled  -         -          -          -       -
8EF4N17000030-0     disabled  -         -          -          -       -
_FlInK1_MLAG0_      disabled  -         -          -          -       -
```

Port1 and port2 are the only ports configured with the same native VLAN 10.
What are two reasons that can trigger port1 to shut down? (Choose two.)

- A. port1 was shut down by loop guard protection.
- B. STP triggered a loop and applied loop guard protection on port1.

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- C. An endpoint sent a BPDU on port1 that it received from another interface.
- D. Loop guard frame sourced from port1 was received on port1.

Correct Answer: *AC*

Question #6*Topic 1*

Refer to the diagnostic output:

```
# diagnose sniffer packet _port_23 "" 4
interfaces=[_port_23]
filters=[]
pcap_lookupnet: _port_23 : no Ipv4 address assigned
2.100771 _port_23 -- 802.1Q vlan#4094 P0 -- Ether type 0x79 printer havn't been
added to sniffer
2.188294 _port_23 -- 802.1Q vlan#4094 P0 -- lldp 194 chasis 4 04:d5:90:c2:fa:d4
port subtype 5: 'port1' ttl 120 system 'Core-1'
```

What makes the use of the sniffer command on the FortiSwitch CLI unreliable on _port_23?

- A. The types of packets captured is limited.
- B. Just the port egress payloads are printed on CLI.
- C. Only untagged VLAN traffic can be captured.
- D. The switch port might be used as a trunk member.

Correct Answer: *D*

Question #7*Topic 1*

Which interfaces on FortiSwitch send out FortiLink discovery frames by default in order to detect a FortiGate with an enabled FortiLink interface?

- A. All ports have auto-discovery enabled by default
- B. No ports are enabled by default for auto-discovery. This must be configured under config switch interface.
- C. The ports with auto-discovery enabled by default are dependent upon the FortiSwitch model.
- D. The last four switch ports on FortiSwitch have auto-discovery by default.

Correct Answer: *D*

Question #8*Topic 1*

Which LLDP-MED Type-Length-Values does FortiSwitch collect from endpoints to track network devices and determine their characteristics?

- A. Network policy

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