DBCLOUD
EXAMS

QUESTIONS & ANSWERS

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Technology Provider: Fortinet

Exam: NSE5_FSW_AD-7.6: Fortinet NSE 5 - FortiSwitch 7.6 Administrator

Number of questions in the database: 71

Exam Version: NOV.2026

Question #1Topic 1

Which two are valid traffic processing actions that a FortiSwitch access control list (ACL) can apply to matching traffic? (Choose two.)

A. Redirect frames to another port.

B. Assign traffic to a high-priority egress queue.

C. Encrypt frames.

D. Drop frames.

Correct Answer: BD

Question #2Topic 1

Which two statements about 802.1X authentication on FortiSwitch ports are true? (Choose two.)

A. In port-based 802.1x, all hosts behind an authenticated port are allowed access after a successful authentication.

B. A port policy is used to apply 802.1x authentication on a FortiSwitch interface.

C. 802.1X authentication can be applied only to trunk ports and not access ports.

D. All devices connecting to FortiSwitch must support 802.1X authentication.

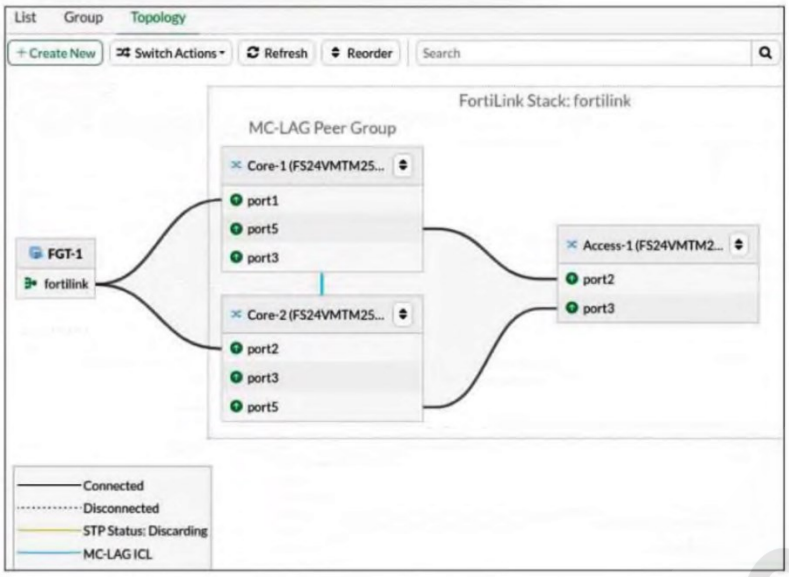
Correct Answer: AB

Question #3*Topic 1*

Refer to the exhibits.

Topology view -

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Core-1 CLI output -

```
FGT-1 # diagnose switch-controller switch-info stp Core-1
Vdom: root

Core-1:

MST Instance Information, primary-Channel:

Instance ID 0 (CST)
  Config         Priority 20480
                 Bridge MAC 02090f000701, MD5 Digest 9999b43d77cc58bba8854f9991c4a487

  Root           MAC 02090f000701, Priority 20480, Path Cost 0, Remaining Hops 20
                 (This bridge is the root)

  Regional Root  MAC 02090f000701, Priority 20480, Path Cost 0
                 (This bridge is the regional root)
```

Core-2 CLI output -

```
Core-2:

MST Instance Information, primary-Channel:

Instance ID 0 (CST)
  Config         Priority 20480
                 Bridge MAC 02090f000701, MD5 Digest 9999b43d77cc58bba8854f9991c4a487

  Root           MAC 02090f000701, Priority 20480, Path Cost 0, Remaining Hops 20
                 (This bridge is the root)

  Regional Root  MAC 02090f000701, Priority 20480, Path Cost 0
                 (This bridge is the regional root)

  Active Times   Forward Time 15, Max Age 20, Remaining Hops 20
```

An administrator has deployed two FortiSwitch devices, Core-1 and Core-2, as multichassis link aggregation group (MCLAG) peers. These switches are connected to FortiGate for FortiLink and to an access switch (Access-1) using an inter-switch link (ISL). After configuration, the administrator notices that both Core-1 and Core-2 are claiming to be the root bridge in the Multiple Spanning Tree Protocol (MSTP) topology.
What explains this behavior?

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A. FortiGate participates in MSTP and causes both switches to assume the root bridge role.

B. The ISL was not configured correctly, leading to MSTP inconsistency.

C. Both switches share the same bridge ID because MCLAG treats them as one logical switch.

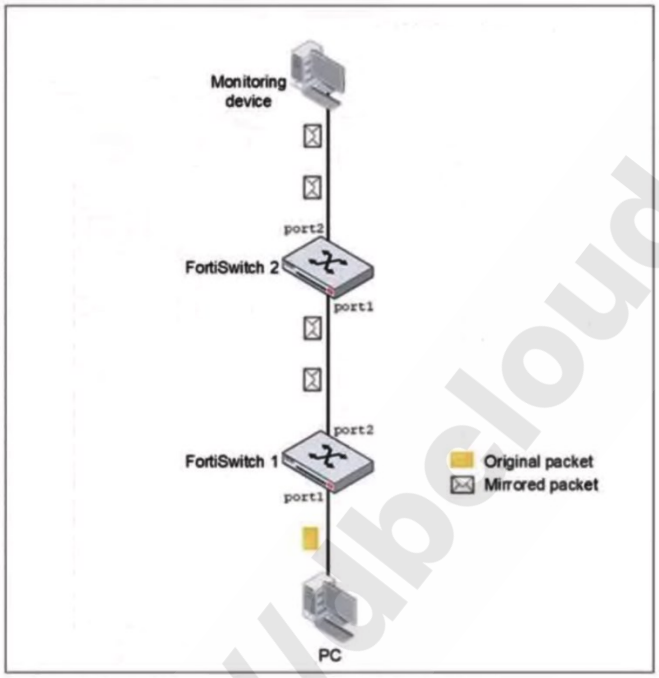
D. MCLAG automatically disables STP on all peer switches.

Correct Answer: C

Question #4*Topic 1*

Refer to the exhibit.

Network Topology -



You configured Switched Port Analyzer (SPAN) to monitor traffic from a source port on FortiSwitch 1, but the monitoring device is connected to FortiSwitch 2. After port mirroring configuration on FortiSwitch 1, the monitoring device is not receiving any mirrored traffic.
What is the most likely reason the mirrored traffic is not reaching the monitoring device?

A. SPAN does not support forwarding mirrored traffic across multiple switches.

B. SPAN traffic must be filtered with an access control list (ACL).

C. The SPAN session must be restarted after configuration.

D. The monitoring device must use a management IP in the same subnet.

Correct Answer: A

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Question #5Topic 1

What happens if FortiSwitch fails to discover either FortiEdge Cloud or a FortiGate with FortiLink?

A. It switches to FortiLink mode by default.

B. It remains in local management mode.

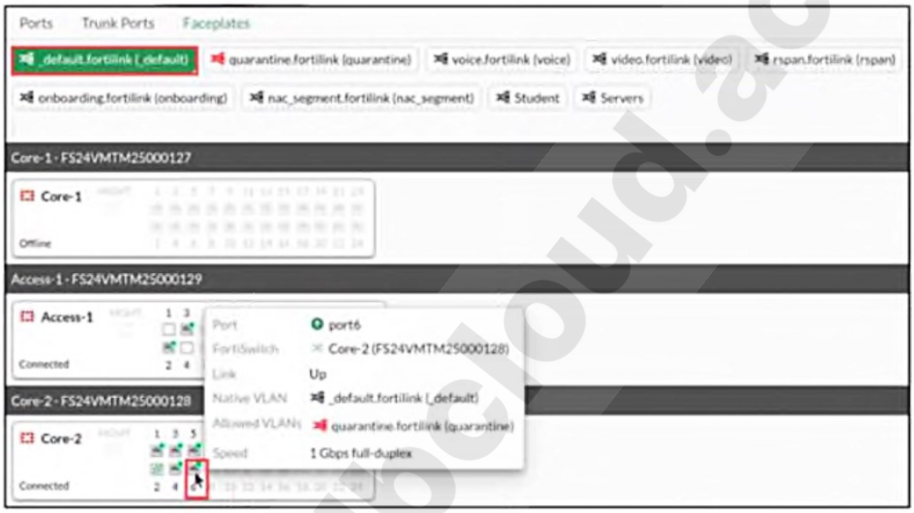
C. It requires manual reimaging.

D. It disables auto-network.

Correct Answer: B

Question #6*Topic 1*

Refer to the exhibit.



Which information does FortiGate use to generate the port details in the FortiSwitch Faceplates view?

A. The FortiSwitch model

B. The Cisco Discovery Protocol (CDP) advertisements from FortiSwitch

C. The LLDP advertisements received from the FortiSwitch

D. The FortiLink discovery frames sent by FortiSwitch

Correct Answer: C

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Question #7*Topic 1*

Refer to the exhibit.

Diagnose output -

```
Core-1 # diagnose switch physical-ports summary

  Portname    Status  Tpid  Vlan  Duplex  Speed  Flags          Discard
  ----------  ------  ----  ----  ------  -----  -------------  --------
  port1       up      8100  4094  full    1G     QS,TL,         none
  port2       up      8100  1     full    1G     QS,  ,         none
  port3       up      8100  1     full    1G     QS,  ,         none
  port4       up      8100  1     full    1G     QS,  ,         none
  port5       up      8100  4094  full    1G     QS,TL,         none
  port6       down    8100  1     full    1G     QS,  ,         none
  port7       down    8100  1     full    1G     QS,  ,         none
  port8       down    8100  1     full    1G     QS,  ,         none
  port9       down    8100  1     full    1G     QS,  ,         none
  port10      down    8100  1     full    1G     QS,  ,         none
  port11      down    8100  1     full    1G     QS,  ,         none
  port12      down    8100  1     full    1G     QS,  ,         none
  port13      down    8100  1     full    1G     QS,  ,         none
  port14      down    8100  1     full    1G     QS,  ,         none
  port15      down    8100  1     full    1G     QS,  ,         none
  port16      down    8100  1     full    1G     QS,  ,         none
  port17      down    8100  1     full    1G     QS,  ,         none
  port18      down    8100  1     full    1G     QS,  ,         none
  port19      down    8100  1     full    1G     QS,  ,         none
  port20      down    8100  1     full    1G     QS,  ,         none
  port21      down    8100  1     full    1G     QS,  ,         none
  port22      down    8100  1     full    1G     QS,  ,         none
  port23      down    8100  1     full    1G     QS,  ,         none
  port24      down    8100  1     full    1G     QS,  ,         none
  internal    up      8100  4094  full    1G       ,  ,         none

  Flags: QS(802.1Q) QE(802.1Q-in-Q,external) QI(802.1Q-in-Q,internal)
  TS(static trunk) TF(forti trunk) TL(lacp trunk); MD(mirror dst)
  MI(mirror ingress) ME(mirror egress) MB(mirror ingress and egress)
  CF (Combo Fiber), CC (Combo Copper) LL(LoopBack Local) LR(LoopBack Remote)
```

The command diagnose switch physical-ports summary is executed on FortiSwitch.
Based on the VLAN assignments shown in the output, what is the most likely management configuration of this FortiSwitch?

A. FortiSwitch is managed by FortiSwitch Cloud.

B. FortiSwitch is managed by FortiGate.

C. FortiSwitch is operating in standalone mode.

D. FortiSwitch is operating in local mode.

Correct Answer: B

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