



# SY0-501<sup>Q&As</sup>

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### QUESTION 1

Which of the following AES modes of operation provide authentication? (Select two.)

- A. CCM
- B. CBC
- C. GCM
- D. DSA
- E. CFB

Correct Answer: AC

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### QUESTION 2

A botnet has hit a popular website with a massive number of GRE-encapsulated packets to perform a DDoS attack. News outlets discover a certain type of refrigerator was exploited and used to send outbound packets to the website that crashed. To which of the following categories does the refrigerator belong?

- A. SoC
- B. ICS
- C. IoT
- D. MFD

Correct Answer: C

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### QUESTION 3

A security consultant is analyzing data from a recent compromise. The following data points are documented:

1.  
Access to data on share drives and certain networked hosts was lost after an employee logged in to an interactive session as a privileged user.
2.  
The data was unreadable by any known commercial software.
3.  
The issue spread through the enterprise via SMB only when certain users accessed data.
- 4.



Removal instructions were not available from any major antivirus vendor.

Which of the following types of malware is this an example of?

- A. RAT
- B. Ransomware
- C. Backdoor
- D. Keylogger
- E. Worm

Correct Answer: B

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#### QUESTION 4

An organization with a low tolerance for user inconvenience wants to protect laptop hard drives against loss of data theft. Which of the following would be the MOST acceptable?

- A. SED
- B. HSU
- C. DLP
- D. TPM

Correct Answer: C

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#### QUESTION 5

In a lessons learned report, it is suspected that a well-organized, well-funded, and extremely sophisticated group of attackers may have been responsible for a breach at a nuclear facility. Which of the following describes the type of actors that may have been implicated?

- A. Nation state
- B. Hactivist
- C. Insider
- D. Competitor

Correct Answer: A

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