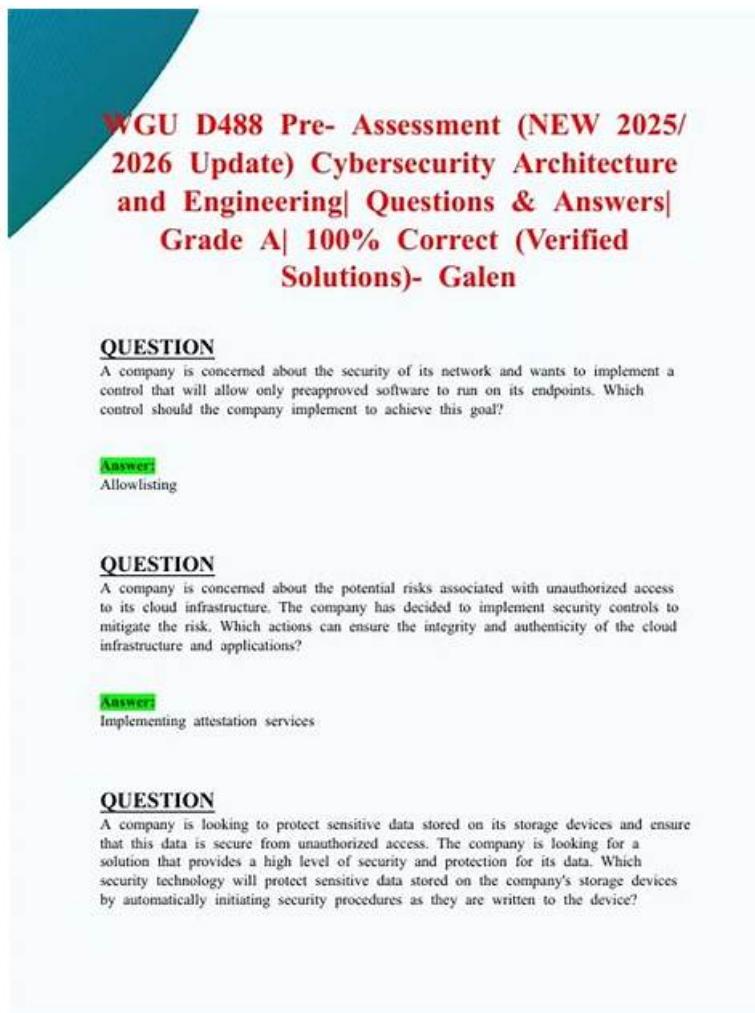


# WGU Cybersecurity-Architecture-and-Engineering問題集: WGU Cybersecurity Architecture and Engineering (KFO1/D488) - Fast2test高い合格率を確保する



**QUESTION**  
A company is concerned about the security of its network and wants to implement a control that will allow only preapproved software to run on its endpoints. Which control should the company implement to achieve this goal?

**Answer**  
Allowlisting

**QUESTION**  
A company is concerned about the potential risks associated with unauthorized access to its cloud infrastructure. The company has decided to implement security controls to mitigate the risk. Which actions can ensure the integrity and authenticity of the cloud infrastructure and applications?

**Answer**  
Implementing attestation services

**QUESTION**  
A company is looking to protect sensitive data stored on its storage devices and ensure that this data is secure from unauthorized access. The company is looking for a solution that provides a high level of security and protection for its data. Which security technology will protect sensitive data stored on the company's storage devices by automatically initiating security procedures as they are written to the device?

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>> Cybersecurity-Architecture-and-Engineering問題集 <<

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## Cybersecurity Architecture and Engineering (KFO1/D488) 資格練習

Cybersecurity-Architecture-and-Engineeringテストの質問には、PDFバージョン、PCバージョン、APPオンラインバージョンなど、3つのバージョンがあります。また、Cybersecurity-Architecture-and-Engineeringテスト資料ユーザーは、自分の好みに応じて選択できます。最も人気のあるバージョンは、Cybersecurity-Architecture-and-Engineering試験準備のPDFバージョンです。PDFバージョンのCybersecurity-Architecture-and-Engineeringテスト問題を印刷して、いつでもどこでも学習できるようにしたり、自分の優先事項を学習したりできます。Cybersecurity-Architecture-and-Engineering試験準備のPCバージョンは、Windowsユーザー向けです。APPオンラインバージョンを使用する場合は、アプリケーションプログラムをダウンロードするだけで、Cybersecurity-Architecture-and-Engineeringテスト資料サービスをお楽しみいただけます。

### WGU Cybersecurity Architecture and Engineering (KFO1/D488) 認定 Cybersecurity-Architecture-and-Engineering 試験問題 (Q41-Q46):

#### 質問 #41

A corporate website is currently being redesigned, which leaves it vulnerable to security threats. Management does not want to provide an attacker with any information about the web server.

Which strategy should be used to prevent an attacker from gaining unauthorized information?

- A. Becoming Payment Card Industry Data Security Standard (PCI-DSS) compliant and certified
- B. Obfuscating error messages on the site or within the uniform resource locator (URL)**
- C. Using Hypertext Transfer Protocol Secure (HTTPS) for all page and content requests
- D. Enabling Hypertext Transfer Protocol Secure (HTTPS) over Domain Name Service (DNS)

正解: **B**

解説:

The correct answer is C - Obfuscating error messages on the site or within the uniform resource locator (URL).

WGU Cybersecurity Architecture and Engineering (KFO1 / D488) states that minimizing the information revealed through error messages and URLs prevents attackers from gathering reconnaissance information that could be used to exploit vulnerabilities. HTTPS (A and B) protects data in transit but does not conceal server details. PCI-DSS certification (D) improves overall security but is not focused specifically on information disclosure during a redesign.

Reference Extract from Study Guide:

"Obfuscating detailed error messages and removing revealing information in URLs help prevent attackers from gaining reconnaissance data that could be used in targeted attacks."

- WGU Cybersecurity Architecture and Engineering (KFO1 / D488), Web Application Security

#### 質問 #42

An organization wants to securely transmit sensitive information between two parties. The organization wants to use a cryptographic technique that allows both parties to encrypt and decrypt messages using the same key.

The organization is also concerned about the performance impact of the encryption technique.

Which type of cryptographic algorithm meets the needs of the organization?

- A. Asymmetric algorithm
- B. Hash function
- C. Block cipher
- D. Symmetric algorithm**

正解: **D**

解説:

The correct answer is C - Symmetric algorithm.

According to the WGU Cybersecurity Architecture and Engineering (KFO1 / D488) study material, symmetric encryption uses the same key for both encryption and decryption, offering high speed and lower computational overhead compared to asymmetric algorithms. This makes symmetric encryption ideal when both security and performance are important factors.

Block cipher (A) is a type of symmetric algorithm but not the broader category being asked. Hash functions (B) are for data integrity, not encryption/decryption. Asymmetric algorithms (D) are more secure for key exchange but have higher computational cost.

Reference Extract from Study Guide:

"Symmetric encryption algorithms use a single shared key for encryption and decryption, offering efficient and high-performance protection for sensitive data transmissions."

- WGU Cybersecurity Architecture and Engineering (KFO1 / D488), Cryptography Fundamentals

#### 質問 # 43

What is one purpose of an End User License Agreement?

- A. Allow customers to legally use the software
- B. Allow customers to legally distribute the application to other users
- C. Allow customers to legally modify and compile the source code
- D. Allow customers to legally create and sell a new version of the software

正解： A

解説：

- \* An End User License Agreement (EULA) is a legal contract between the software manufacturer and the user.
- \* The primary purpose of a EULA is to grant the user the right to use the software.
- \* It outlines the terms and conditions under which the software can be used.
- \* This can include restrictions on installation, distribution, and modification.
- \* The EULA helps protect the intellectual property rights of the software creator.

References:

- \* "Software Licensing Handbook" by Jeffrey I. Gordon.
- \* "Intellectual Property and Open Source" by Van Lindberg.

#### 質問 # 44

After a recent security assessment, it was discovered that many company devices have unnecessary ports opened to the network. What should the company configure to fix this?

- A. Device hardening
- B. Web application firewall
- C. Intrusion detection system
- D. Intrusion prevention system

正解： A

解説：

The correct answer is C - Device hardening.

WGU Cybersecurity Architecture and Engineering (KFO1 / D488) teaches that device hardening involves reducing vulnerabilities by disabling unnecessary services, ports, and features. Closing unneeded network ports minimizes the attack surface and strengthens device security.

An intrusion prevention system (A) monitors and blocks threats but does not close ports directly. A web application firewall (B) protects web apps, not device configurations. An intrusion detection system (D) only alerts but does not proactively secure devices.

Reference Extract from Study Guide:

"Device hardening minimizes vulnerabilities by disabling unnecessary services and ports, securing the system against network-based attacks."

- WGU Cybersecurity Architecture and Engineering (KFO1 / D488), Device Hardening and Secure Configuration

#### 質問 # 45

A financial institution conducted a cybersecurity assessment, which identified several vulnerabilities including outdated software and weak password policies. The company also needs to implement a new core banking system that can handle a large number of transactions while ensuring the security of customer data.

Which risk mitigation process is the most effective approach to address these vulnerabilities, and what is the best topology for the new core banking system?

- A. Creating strong password policies and enforcing multifactor authentication and using public cloud topology
- B. Implementing security patches and updates on a regular basis and using hybrid cloud topology
- C. Installing antivirus software on all endpoints and using on-premises topology

- D. Conducting regular security audits and penetration testing and using private cloud topology

正解: B

解説:

Applying regular updates and patches is fundamental to risk mitigation. Choosing a hybrid cloud topology allows the financial institution to retain critical services in-house while leveraging cloud scalability for high-volume transactions.

NIST SP 800-160 Vol. 1 (Systems Security Engineering):

"Security patching is essential for mitigating vulnerabilities, especially in high-assurance environments like financial systems."

The hybrid model balances performance, control, and security, which is vital for core banking systems.

#WGU Course Alignment:

Domain: System Security Engineering

Topic: Apply risk mitigation techniques and choose secure deployment topologies

## 質問 #46

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我々は弊社のCybersecurity-Architecture-and-Engineering問題集を利用するあなたは一発で試験に合格できると信じています。我々はIT業界の権威で専門家たちは数年以來の努力を通して、Cybersecurity-Architecture-and-Engineering問題集の開発に就職しています。我々のCybersecurity-Architecture-and-Engineering問題集を利用してから、あなたは短い時間でリラクスで試験に合格することができるだけでなく、試験に必要な技能を身につけることもできます。

**Cybersecurity-Architecture-and-Engineering資格練習**: <https://jp.fast2test.com/Cybersecurity-Architecture-and-Engineering-premium-file.html>

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