

# WGUのSecure-Software-Design認定試験の対応性問題集

## WGU D487 secure software design 2025 questions and answers

2 of 59  
3 of 59

What is the analysis of computer software that is performed by executing programs on a real or virtual processor in real time?

Coverage analysis

Static analysis

Dynamic analysis

Memory analysis

Answer: Dynamic analysis

4

After determining a reported vulnerability was a credible claim, the product security incident response team (PSIRT) worked with development teams to create and test a patch. The patch is scheduled to be released at the end of the month. What is the response team's next step?

Notify customers that the fix is available

Notify the reporter that the case is going to be closed

Identify resources and schedule the fix

BONUS!!! GoShiken Secure-Software-Designダンプの一部を無料でダウンロード: <https://drive.google.com/open?id=1K52FPViSDoutCkaQEzQ2rTEBkZU2Gm0K>

今日、激しい競争の時代に、才能が飽和している市場でどのように位置を占めることができますか？答えは証明書です。証明書の主なものは何ですか？あらゆる種類の試験Secure-Software-Design認定、あらゆる種類の資格認定を通してあなたを証明します。見つけるのは難しくありません。より多くの人々がSecure-Software-Design試験ガイドに時間と労力を割いて喜んでいますが、Secure-Software-Design認定は簡単なものではないため、多くの人が効率的な学習方法を探しています。Secure-Software-Design試験の質問は、Secure-Software-Design試験に合格するための適切なツールです。

## WGU Secure-Software-Design 認定試験の出題範囲:

トピック	出題範囲
トピック 1	<ul style="list-style-type: none"><li>大規模ソフトウェアシステム設計: この試験セクションでは、ソフトウェアアーキテクトのスキルを評価し、大規模ソフトウェアシステムの設計と分析について学びます。受講者は、変化する要件に合わせて拡張・適応できる複雑なソフトウェアアーキテクチャを計画するための手法を探求します。この試験内容では、成長に対応し、増加するワークロード需要に対応できるシステム設計を作成するための手法を取り上げます。</li></ul>

トピック 2	<ul style="list-style-type: none"> <li>ソフトウェアシステム管理: この試験セクションでは、ソフトウェアプロジェクトマネージャーのスキルを測定し、大規模ソフトウェアシステムの管理について学びます。受講者は、構想から導入までソフトウェアプロジェクトを監督するためのアプローチを学びます。教材は、複雑なソフトウェアソリューションの確実な提供を実現するための調整戦略と管理手法に重点を置いています。</li> </ul>
トピック 3	<ul style="list-style-type: none"> <li>ソフトウェアアーキテクチャと設計: このモジュールでは、大規模ソフトウェアシステムの設計、分析、管理に関するトピックを網羅します。受講者は、様々なアーキテクチャの種類、適切な設計パターンの選択と実装方法、そして構造化され、信頼性が高く、安全なソフトウェアシステムの構築方法を学びます。</li> </ul>
トピック 4	<ul style="list-style-type: none"> <li>信頼性とセキュリティに優れたソフトウェアシステム: この試験セクションでは、ソフトウェアエンジニアとセキュリティアーキテクトのスキルを評価し、構造化され、信頼性とセキュリティに優れたソフトウェアシステムの構築について学びます。学習者は、一貫したパフォーマンスとセキュリティ脅威からの保護を実現するソフトウェアを開発するための原則を探求します。また、ソフトウェア開発ライフサイクル全体を通して信頼性対策とセキュリティ管理を実装する方法についても学習します。</li> </ul>
トピック 5	<ul style="list-style-type: none"> <li>ソフトウェアアーキテクチャの種類: この試験セクションでは、ソフトウェアアーキテクトのスキルを評価し、大規模ソフトウェアシステムで使用される様々なアーキテクチャの種類を網羅します。受講者は、システム設計の意思決定を導く様々なアーキテクチャモデルとフレームワークを学習します。このコンテンツでは、特定のプロジェクト要件と組織のニーズに最適なアーキテクチャパターンを特定し、評価する方法を学びます。</li> </ul>

>> Secure-Software-Design学習指導 <<

## 更新したSecure-Software-Design学習指導 & 資格試験におけるリーダー オファー & 検証するSecure-Software-Design合格体験記

我々GoShikenは一番信頼できるIT試験資料販売サイトになれるために、弊社はお客様に最完備かつ最新版のSecure-Software-Design問題集を提供して努力します。我々の問題集によって、ほとんどの受験生は大方の人から見る大変なWGU Secure-Software-Design試験にうまく合格しました。この成功データはSecure-Software-Design試験に準備する皆様にGoShikenのSecure-Software-Design問題集を勧める根拠とします。もしあなたは残念的にSecure-Software-Design試験に失敗したら、全額で返金することを承諾します。すべてのことはあなたの安心的に試験に準備できるのためのです。

### WGUSecure Software Design (KEO1) Exam 認定 Secure-Software-Design 試験問題 (Q59-Q64):

#### 質問 # 59

Due to positive publicity from the release of the new software product, leadership has decided that it is in the best interests of the company to become ISO 27001 compliant. ISO 27001 is the leading international standard focused on information security. Which security development life cycle deliverable is being described?

- A. Post-release certifications
- B. Security strategy for M&A products
- C. Third-party security review
- D. External vulnerability disclosure response process

正解: A

解説:

Comprehensive and Detailed In-Depth Explanation:

ISO/IEC 27001 is an international standard that outlines the requirements for establishing, implementing, maintaining, and continually improving an information security management system (ISMS). Achieving ISO

27001 certification demonstrates an organization's commitment to information security and provides assurance to customers and

stakeholders that security best practices are in place.

In the context of the software development life cycle (SDLC), post-release certifications refer to obtaining formal certifications, such as ISO 27001, after a product has been developed and released. This process involves a comprehensive assessment of the organization's information security practices to ensure they align with the standards set forth by ISO 27001. The certification process typically includes:

\* Gap Analysis: Evaluating existing information security measures against ISO 27001 requirements to identify areas needing improvement.

\* Implementation: Addressing identified gaps by implementing necessary policies, procedures, and controls.

\* Internal Audit: Conducting internal audits to verify the effectiveness of the ISMS and readiness for external assessment.

\* External Audit: Engaging an accredited certification body to perform a thorough evaluation, leading to certification if compliance is demonstrated.

By pursuing ISO 27001 certification post-release, the company aims to enhance its security posture, comply with international standards, and build trust with its customer base.

References:

\* ISO/IEC 27001:2022 - Information Security Management Systems

### 質問 # 60

The final security review determined that two low-risk security issues identified in testing are still outstanding. Developers have assured the security team that both issues can be resolved quickly once they have time to fix them. The security team is confident that developers can fix the flaws in the first post-release patch.

What is the result of the final security review?

- A. Not Passed and Requires Escalation
- B. Not Passed but Does Not Require Escalation
- C. Passed
- **D. Passed with Exceptions**

正解: D

### 質問 # 61

The organization has contracted with an outside firm to simulate an attack on the new software product and report findings and remediation recommendations.

Which activity of the Ship SDL phase is being performed?

- A. Open-source licensing review
- B. Policy compliance analysis
- **C. Penetration testing**
- D. Final security review

正解: C

解説:

Penetration testing is an activity where a simulated attack is performed on a software product to identify vulnerabilities that could be exploited by attackers. It is a proactive and authorized attempt to evaluate the security of an IT infrastructure by safely trying to exploit system vulnerabilities, including OS, service and application flaws, improper configurations, and risky end-user behavior. In the context of the Ship phase of the Security Development Lifecycle (SDL), penetration testing is conducted as a final check to uncover any potential security issues that might have been missed during previous phases. This ensures that the software product is robust and secure before it is released.

References:

\* The Ship phase of the SDL includes activities such as policy compliance review, vulnerability scanning, penetration testing, open-source licensing review, and final security and privacy reviews<sup>1</sup>.

\* Penetration testing is a critical component of the Ship phase, as it helps to identify and fix security vulnerabilities before the software is deployed<sup>2</sup>.

### 質問 # 62

Which secure coding best practice says to assume all incoming data should be considered untrusted and should be validated to ensure the system only accepts valid data?

- A. Input validation
- B. General coding practices
- C. Session management
- D. System configuration

正解: A

解説:

The secure coding best practice that emphasizes treating all incoming data as untrusted and subjecting it to validation is known as input validation. This practice is crucial for ensuring that a system only processes valid, clean data, thereby preventing many types of vulnerabilities, such as SQL injection, cross-site scripting (XSS), and buffer overflows, which can arise from maliciously crafted inputs.

\* Input validation involves verifying that the data meets certain criteria before it is processed by the system. This includes checking for the correct data type, length, format, and range. It also involves sanitizing the data to ensure that it does not contain any potentially harmful elements that could lead to security breaches.

\* A centralized input validation routine is recommended for the entire application, which helps in maintaining consistency and effectiveness in the validation process. This routine should be implemented on a trusted system, typically server-side, to prevent tampering or bypassing of the validation logic.

\* It's important to classify all data sources into trusted and untrusted categories and to apply rigorous validation to all data from untrusted sources, such as user input, databases, file streams, and network interfaces.

By adhering to the input validation best practice, developers can significantly reduce the attack surface of their applications and protect against a wide array of common security threats.

: The verified answer is supported by the Secure Coding Practices outlined by the OWASP Foundation<sup>1</sup> and other reputable sources such as Coding Dojo<sup>2</sup> and CERT Secure Coding<sup>3</sup>.

### 質問 # 63

Which secure coding best practice says to only use tested and approved components and use task-specific, built-in APIs to conduct operating system functions?

- A. Authentication and Password Management
- B. Data Protection
- C. Session Management
- D. General Coding Practices

正解: D

### 質問 # 64

.....

信頼できるプロフェッショナルな試験Secure-Software-Design学習ガイド教材を購入する場合は、正しいWebサイトにアクセスしてください。GoShikenは、専門的な実際のテスト問題の最新バージョンのみを提供します。お客様に安心してご購入をお楽しみいただけます。私たちのSecure-Software-Design試験問題の高い合格率はこの分野で有名です。そのため、何年も早く成長し、多くの古い顧客を抱えることができます。Secure-Software-Design試験の質問を選択すると、Secure-Software-Design試験の準備に時間を費やす必要がなくなり、考えすぎになりません。

Secure-Software-Design合格体験記: <https://www.goshiken.com/WGU/Secure-Software-Design-mondaishu.html>

- 100% パスレートのWGU Secure-Software-Design学習指導 は 主要材料 - 現実的なSecure-Software-Design合格体験記 □ サイト ➡ [www.shikenpass.com](http://www.shikenpass.com) □ □ □ で [ Secure-Software-Design ] 問題集をダウンロード Secure-Software-Design勉強ガイド
- Secure-Software-Design絶対合格 □ Secure-Software-Design資格認証攻略 □ Secure-Software-Design問題無料 □ 【 [www.goshiken.com](http://www.goshiken.com) 】 で “Secure-Software-Design” を検索し、無料でダウンロードしてください Secure-Software-Design勉強ガイド
- Secure-Software-Design模擬問題集 □ Secure-Software-Design受験資格 □ Secure-Software-Designシュミレーション問題集 □ “ [www.goshiken.com](http://www.goshiken.com) ” の無料ダウンロード ( Secure-Software-Design ) ページが開きます Secure-Software-Design勉強ガイド
- 権威のあるSecure-Software-Design学習指導 - 合格スムーズ Secure-Software-Design合格体験記 | 高品質な Secure-Software-Design日本語参考 □ ▷ [www.goshiken.com](http://www.goshiken.com) ◁ で使える無料オンライン版 ⇒ Secure-Software-Design

