

# Secure-Software-Design Free Exam - Quiz First-grade WGU Secure-Software-Design Exam Online

WGU D487

**WGU D487 - Secure Software Design Exam Study  
Questions with Correct Detailed Solutions  
UPDATED 2025-2026**

What is the study of real-world software security initiatives organized so companies can measure their initiatives and understand how to evolve them over time?

A) Building Security in Maturity Model (BSIMM)  
B) Security features and design  
C) OWASP Software Assurance Maturity Model (SAMM)  
D) ISO 27001

A) Building Security in Maturity Model (BSIMM)

What is the analysis of computer software that is performed without executing programs?

A) Static analysis  
B) Fuzzing  
C) Dynamic analysis  
D) OWASP ZAP

A) Static analysis

What iso standard is the benchmark for information security today?

A) iso/iec 27001  
B) iso/iec 7799  
C) iso/iec 27034  
D) iso 8601

A) iso 27001

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

WGU D487

P.S. Free 2026 WGU Secure-Software-Design dumps are available on Google Drive shared by PassCollection:  
<https://drive.google.com/open?id=1qEmSRal2MMnWdvD0Kxdgm-V6tTfpIN2s>

The pressure is not terrible, and what is terrible is that you choose to evade it. You clearly have seen your own shortcomings, and you know that you really should change. Then, be determined to act! Buying our Secure-Software-Design exam questions is the first step you need to take. And as long as you study with our Secure-Software-Design Practice Guide, you will find that the exam is just a piece of cake and the certification is easy to get. With the certification, you will find your future is much brighter.

## WGU Secure-Software-Design Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>Software Architecture Types: This section of the exam measures skills of Software Architects and covers various architecture types used in large scale software systems. Learners explore different architectural models and frameworks that guide system design decisions. The content addresses how to identify and evaluate architectural patterns that best fit specific project requirements and organizational needs.</li></ul>

Topic 2	<ul style="list-style-type: none"> <li>Software Architecture and Design: This module covers topics in designing, analyzing, and managing large scale software systems. Students will learn various architecture types, how to select and implement appropriate design patterns, and how to build well structured, reliable, and secure software systems.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>Software System Management: This section of the exam measures skills of Software Project Managers and covers the management of large scale software systems. Learners study approaches for overseeing software projects from conception through deployment. The material focuses on coordination strategies and management techniques that ensure successful delivery of complex software solutions.</li> </ul>

>> **Secure-Software-Design Free Exam** <<

## **WGU Secure-Software-Design Exam Online, Secure-Software-Design Reliable Braindumps Sheet**

Three versions of Secure-Software-Design study materials will be offered by us. Each one has its own advantage, you can pick the proper one for yourself. We also have free demo for you, you can have a look at and decide which version you want to choose. We also have the live chat service and the live off chat service to answer all questions you have. If you failed to pass the exam, money back will be guaranteed, if you have another exam to attend, we will replace another Secure-Software-Design Study Materials for you freely.

### **WGUSecure Software Design (KEO1) Exam Sample Questions (Q91-Q96):**

#### **NEW QUESTION # 91**

Senior IT staff has determined that a new product will be hosted in the cloud and will support web and mobile users. Developers will need to deliver secure REST services. Android and IOS mobile apps. and a web application. Developers are currently determining how to deliver each part of the overall product.

Which phase of the software development lifecycle (SDLC) is being described?

- A. End of life
- B. Deployment
- **C. Design**
- D. Maintenance

#### **Answer: C**

Explanation:

The phase being described is the Design phase of the SDLC. During this phase, developers and IT staff determine the architectural and operational details of the product, which includes decisions on how to deliver various components such as secure REST services, mobile apps, and web applications. The Design phase is crucial for setting the foundation for the development work that will follow, ensuring that the product will be secure, scalable, and maintainable.

The information aligns with the descriptions of the SDLC phases provided in resources such as GitHub's explanation of the SDLC1 and other industry-standard software development lifecycle resources234.

#### **NEW QUESTION # 92**

Which type of security analysis is limited by the fact that a significant time investment of a highly skilled team member is required?

- A. Dynamic code analysis
- B. Static code analysis
- **C. Manual code review**
- D. Fuzz testing

#### **Answer: C**

Explanation:

Manual code review is a type of security analysis that requires a significant time investment from a highly skilled team member. This process involves a detailed and thorough examination of the source code to identify security vulnerabilities that automated tools might

miss. It is labor-intensive because it relies on the expertise of the reviewer to understand the context, logic, and potential security implications of the code.

Unlike automated methods like static or dynamic code analysis, manual code review demands a deep understanding of the codebase, which can be time-consuming and requires a high level of skill and experience.

References: The information provided here is based on industry best practices and standards for secure software design and development, as well as my understanding of security analysis methodologies<sup>12</sup>.

#### **NEW QUESTION # 93**

Using a web-based common vulnerability scoring system (CVSS) calculator, a security response team member performed an assessment on a reported vulnerability in the company's claims intake component. The base score of the vulnerability was 3.5 and changed to 5.9 after adjusting temporal and environmental metrics.

Which rating would CVSS assign this vulnerability?

- A. High severity
- B. Critical severity
- C. Low severity
- D. Medium severity

**Answer: A**

Explanation:

The Common Vulnerability Scoring System (CVSS) uses the following ranges to determine the severity rating of a vulnerability:

- \* 0.1 - 3.9: Low severity
- \* 4.0 - 6.9: Medium severity
- \* 7.0 - 8.9: High severity
- \* 9.0 - 10.0: Critical severity

Since the adjusted score for the vulnerability is 5.9, it falls within the High severity range.

References:

CVSS v3.1 Specification Document - FIRST: <https://www.first.org/cvss/specification-document> National Vulnerability Database (NVD) - NIST: <https://nvd.nist.gov/vuln-metrics/cvss>

#### **NEW QUESTION # 94**

Which secure coding best practice ensures sensitive information is not disclosed in any responses to users, authorized or unauthorized?

- A. Authentication and Password Management
- B. Input Validation
- C. Error Handling and Logging
- D. System Configuration

**Answer: C**

#### **NEW QUESTION # 95**

Which privacy impact statement requirement type defines processes to keep personal information updated and accurate?

- A. Collection of personal information requirements
- B. Access requirements
- C. Data integrity requirements
- D. Personal information retention requirements

**Answer: C**

Explanation:

Data integrity requirements within a privacy impact statement ensure that personal information is maintained in an accurate and up-to-date manner. This involves establishing processes to regularly review and update personal data, as well as correct any inaccuracies. These requirements are crucial for maintaining the trustworthiness of the data and ensuring that decisions made based on this information are sound and reliable.

References:

\* The Office of the Privacy Commissioner of Canada's guide on the Privacy Impact Assessment process emphasizes the importance of accuracy and currency of personal information.<sup>1</sup>

\* The European Union's General Data Protection Regulation (GDPR) outlines principles for data processing, including the necessity for data to be accurate and kept up to date.<sup>2</sup>

\* The General Data Protection Regulation (GDPR) also includes provisions for data protection impact assessments, which involve documenting processes before starting data processing3.

## NEW QUESTION # 96

WGU Secure-Software-Design exam torrent is famous for instant download. You will receive downloading link and password within ten minutes, and if you don't receive, just contact us, we will check for you. In addition, Secure-Software-Design Exam Materials are high quality, it covers major knowledge points for the exam, you can have an easy study if you choose us.

Secure-Software-Design Exam Online: [https://www.passcollection.com/Secure-Software-Design\\_real-exams.html](https://www.passcollection.com/Secure-Software-Design_real-exams.html)

2026 Latest PassCollection Secure-Software-Design PDF Dumps and Secure-Software-Design Exam Engine Free Share: <https://drive.google.com/open?id=1qEmSRal2MMnWdvD0Kxdgm-V6tTfpIN2s>