

# GH-300 Simulation Questions - Exam GH-300 Lab Questions



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TorrentValid offers verified, authentic Microsoft GH-300 Real Questions and answers, which are essential for passing the GitHub Copilot (GH-300). These questions and answers have been designed by Sitecore experts and can be easily downloaded on a PC, MacBook, or smartphone for comfortable and convenient learning.

>> GH-300 Simulation Questions <<

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### Microsoft GH-300 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none"><li>Privacy Fundamentals and Context Exclusions: This domain focuses on Security Engineers and Compliance Officers and addresses improving code quality with Copilot's test suggestions and security optimizations. It covers identification of security vulnerabilities, performance enhancements, and privacy features like content exclusions at repository and organization levels with explanation of their limitations. Candidates learn about safeguarding mechanisms such as duplication detection, contractual protections, security checks, and troubleshooting guide for common Copilot issues including context exclusions and suggestion gaps.</li></ul>

Topic 2	<ul style="list-style-type: none"> <li>How GitHub Copilot Works and Handles Data: Designed for Machine Learning Engineers and Data Privacy Specialists, this section covers the data lifecycle and processing behind Copilot's code suggestions. It explains how context is gathered, prompts constructed, responses generated, and post-processed through proxy services. Candidates understand Copilot's data policies, handling of inputs, and limitations such as context window size and data age influencing suggestion relevance.</li> </ul>
Topic 3	<ul style="list-style-type: none"> <li>Developer Use Cases for AI: Targeting Software Engineers and Technical Leads, this domain elaborates on how AI improves developer productivity across common tasks like learning new languages, translation, documentation, debugging, data science, and refactoring. It discusses Copilot's support in software development lifecycle management and highlights its limitations. Use of the productivity API to track Copilot's impact is also included.</li> </ul>
Topic 4	<ul style="list-style-type: none"> <li>Domain 4: Prompt Crafting and Prompt Engineering This section measures skills of Software Developers and AI Interaction Designers in effectively crafting prompts to optimize Copilot's output. It reviews foundational concepts such as prompt components, the role of language in prompting, zero-shot vs. few-shot prompting, and how chat history influences responses. Best practices and engineering principles for prompt design and training methods are also covered.</li> </ul>
Topic 5	<ul style="list-style-type: none"> <li>Domain 6: Testing with GitHub Copilot: This section measures abilities of QA Engineers and Test Automation Specialists to use Copilot for test generation, including unit and integration tests. It explains how Copilot can identify edge cases and assist in writing assertions. The domain also covers different Copilot subscription SKUs, privacy considerations, organizational code suggestion settings, and configuration files related to Copilot.</li> </ul>
Topic 6	<ul style="list-style-type: none"> <li>GitHub Copilot Plans and Feature: This domain targets Product Managers and DevOps Engineers and focuses on understanding the various GitHub Copilot subscription plans like Individual, Business, and Enterprise, including distinctions and management features. It covers how Copilot is integrated into IDEs, different triggering methods for code suggestions, organizational policy management, subscription administration via API, and effective use of Copilot Chat and Knowledge Bases. Candidates also learn about CLI usage and configuration.</li> </ul>

## Microsoft GitHub Copilot Sample Questions (Q119-Q124):

### NEW QUESTION # 119

In what ways can GitHub Copilot contribute to the design phase of the Software Development Life Cycle (SDLC)?

- A. GitHub Copilot can generate user interface (UI) prototypes without prompting.
- B. GitHub Copilot can suggest design patterns and best practices relevant to the project.
- C. GitHub Copilot can independently create a complete software design.
- D. GitHub Copilot can manage design team collaboration and version control.

**Answer: B**

Explanation:

"Copilot can assist in the design phase by suggesting design patterns, frameworks, and best practices relevant to the context of your project." This shows Copilot contributes by offering design-related recommendations, not by independently producing full designs or managing collaboration.

References: GitHub Copilot use case documentation.

### NEW QUESTION # 120

What configuration needs to be set to get help from Microsoft and GitHub protecting against IP infringement while using GitHub Copilot?

- A. Enforce blocking of MIT or GPL licensed code
- B. Enable GitHub Copilot license checking
- C. Suggestions matching public code to 'blocked'
- D. You need to check code suggestions yourself before accepting

**Answer: C**

Explanation:

To help protect against IP infringement, you need to configure GitHub Copilot to block suggestions that match public code. This ensures that the generated code is not directly copied from publicly available sources.

Reference: GitHub Copilot documentation on IP protection and code filtering.

#### **NEW QUESTION # 121**

Which of the following scenarios best describes the intended use of GitHub Copilot Chat as a tool?

- A. A complete replacement for developers generating code.
- **B. A productivity tool that provides suggestions, but relying on human judgment.**
- C. A solution for software development, requiring no additional input or oversight.
- D. A tool solely designed for debugging and error correction.

**Answer: B**

Explanation:

GitHub Copilot Chat is designed to be a productivity enhancer, not a replacement for human developers. It provides suggestions and assists with coding tasks, but the final decision and validation always rest with the developer. Copilot Chat is meant to augment the developer's workflow, making it faster and more efficient, but it does not remove the need for human oversight and judgment.

Reference: GitHub Copilot official documentation on the tool's purpose and usage.

#### **NEW QUESTION # 122**

How can users provide feedback about GitHub Copilot Chat using their IDE?

- A. By filling out a feedback form on the GitHub website
- **B. Through the "Share Feedback" button in the Copilot Chat panel**
- C. By emailing the support team directly
- D. By posting on the GitHub forums

**Answer: B**

Explanation:

"In supported IDEs, you can provide feedback directly from the Copilot Chat panel by selecting the 'Share Feedback' option." This establishes that the in-IDE "Share Feedback" button is the official channel for submitting user feedback.

References: GitHub Copilot Chat feedback documentation.

#### **NEW QUESTION # 123**

How can GitHub Copilot assist with code refactoring tasks?

- A. GitHub Copilot can remove unnecessary files from the project directory.
- B. GitHub Copilot can automatically rewrite code to follow best practices.
- **C. GitHub Copilot can suggest refactoring improvements for better code quality.**
- D. GitHub Copilot can fix syntax errors without user input.

**Answer: C**

Explanation:

GitHub Copilot can analyze existing code and suggest refactoring improvements to enhance code quality, readability, and maintainability. It can propose changes to improve code structure, reduce complexity, and follow best practices.

#### **NEW QUESTION # 124**

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