

# Microsoft

## Exam Questions GH-300

GitHub Copilot Exam



#### NEW QUESTION 1

What GitHub Copilot configuration needs to be enabled to protect against IP infringements?

- A. Blocking public code matches
- B. Blocking license check configuration
- C. Allowing public code matches
- D. Allowing license check configuration

**Answer:** A

#### NEW QUESTION 2

How long does it take content exclusion to add or be updated?

- A. Up to 30 minutes
- B. 45 - 60 minutes
- C. 60 - 90 minutes
- D. 24 hours

**Answer:** A

#### NEW QUESTION 3

Which GitHub Copilot plan allows for prompt and suggestion collection?

- A. GitHub Copilot Individuals
- B. GitHub Copilot Business
- C. GitHub Copilot Enterprise
- D. GitHub Copilot Codespace

**Answer:** C

#### NEW QUESTION 4

How does GitHub Copilot suggest code optimizations for improved performance?

- A. By analyzing the codebase and suggesting more efficient algorithms or data structures.
- B. By automatically rewriting the codebase to use more efficient code.
- C. By enforcing strict coding standards that ensure optimal performance.
- D. By providing detailed reports on the performance of the codebase.

**Answer:** A

#### NEW QUESTION 5

How can GitHub Copilot assist developers during the requirements analysis phase of the Software Development Life Cycle (SDLC)?

- A. By automatically generating detailed requirements documents.
- B. By providing templates and code snippets that help in documenting requirements.
- C. By identifying and fixing potential requirement conflicts when using /help.
- D. By managing stakeholder communication and meetings.

**Answer:** B

#### NEW QUESTION 6

Which scenarios can GitHub Copilot Chat be used to increase productivity? (Each correct answer presents part of the solution. Choose two.)

- A. A project plan for the team needs to be generated using a project management software.
- B. Create a documentation file for the newly created code base.
- C. A developer is added to a new project and would like to understand the current software code.
- D. Fast tracking of release management activities to move code to production main branch.

**Answer:** BC

#### NEW QUESTION 7

What method can a developer use to generate sample data with GitHub Copilot? (Each correct answer presents part of the solution. Choose two.)

- A. Utilizing GitHub Copilot's ability to create fictitious information from patterns in training data.
- B. Leveraging GitHub Copilot's ability to independently initiate and manage data storage services.
- C. Utilize GitHub Copilot's capability to directly access and use databases to create sample data.
- D. Leveraging GitHub Copilot's suggestions to create data based on API documentation in the repository.

**Answer:** AD

#### NEW QUESTION 8

What are the effects of content exclusions? (Each correct answer presents part of the solution. Choose two.)

- A. The excluded content is not directly available to GitHub Copilot to use as context.
- B. GitHub Copilot suggestions are no longer available in the excluded files.
- C. The excluded content is no longer used while debugging the code.
- D. The IDE will not count coding suggestions in the excluded content.

**Answer:** AB

#### **NEW QUESTION 9**

What types of prompts or code snippets might be flagged by the GitHub Copilot toxicity filter? (Each correct answer presents part of the solution. Choose two.)

- A. Hate speech or discriminatory language (e.g., racial slurs, offensive stereotypes)
- B. Sexually suggestive or explicit content
- C. Code that contains logical errors or produces unexpected results
- D. Code comments containing strong opinions or criticisms

**Answer:** AB

#### **NEW QUESTION 10**

How can the concept of fairness be integrated into the process of operating an AI tool?

- A. Focusing on accessibility will ensure fairness.
- B. Focusing on collecting large datasets for training will ensure fairness.
- C. Regularly monitoring the AI tool's performance will ensure fairness in its outputs.
- D. Training AI data and algorithms to be free from biases will ensure fairness.

**Answer:** D

#### **NEW QUESTION 10**

What role does the pre-processing of user input play in the data flow of GitHub Copilot Chat?

- A. It filters out irrelevant information from the user's input prompt.
- B. It enriches the input prompt with additional context before passing it to the language model.
- C. It directly generates a response based on the user's input prompt.
- D. It formats the output response before presenting it to the user.

**Answer:** B

#### **NEW QUESTION 12**

How can GitHub Copilot assist with code refactoring tasks?

- A. GitHub Copilot can fix syntax errors without user input.
- 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 remove unnecessary files from the project directory.

**Answer:** C

#### **NEW QUESTION 16**

How can GitHub Copilot facilitate a smoother learning experience when diving into a new programming language? (Each correct answer presents part of the solution. Choose two.)

- A. GitHub Copilot Chat can provide guidance and support for common coding tasks and challenges in the targeted programming language.
- B. GitHub Copilot's /understand command will help GitHub Copilot to understand code written in a targeted programming language.
- C. GitHub Copilot can provide contextualized code suggestions and answer sources from an organization's documentation.
- D. GitHub Copilot can convert comments into code to grasp the syntax and nuances of a new programming language.

**Answer:** AD

#### **NEW QUESTION 20**

A company is currently storing code in Bitbucket and would like to use GitHub Copilot. Which GitHub Copilot plan will be most cost effective to allow them to manage users with their Identity Provider (e.g. Okta)?

- A. GitHub Copilot Business for non-GHE customers
- B. GitHub Copilot Individual
- C. GitHub Copilot Enterprise
- D. GitHub Copilot Teams

**Answer:** C

#### **NEW QUESTION 21**

What is the primary role of the /optimize slash command in Visual Studio?

- A. Translates code into a more performant language.
- B. Enhances the performance of the selected code by analyzing its runtime complexity.
- C. Automatically formats the code according to the selected style guide.

D. Summarizes your documentation into more maintainable and readable formats.

**Answer:** B

**NEW QUESTION 25**

Which of the following GitHub Copilot Business related activities can be tracked using the organization audit logs?

- A. Accepted chat suggestions
- B. Code suggestions made by GitHub Copilot
- C. Changes to content exclusion settings
- D. Suggestions blocked by duplication detection filtering

**Answer:** C

**NEW QUESTION 28**

Where is the proxy service hosted?

- A. Self hosted
- B. Amazon Web Service
- C. Microsoft Azure
- D. Google Cloud Platform

**Answer:** C

**NEW QUESTION 29**

Where can you validate if GitHub Copilot is not returning suggestions because of content exclusions?

- A. The GitHub Copilot icon in the status bar of the editor will display a message
- B. The GitHub Copilot logs on GitHub.com under your user settings
- C. The code suggestions window will display a warning message
- D. The GitHub Copilot errors panel in your IDE

**Answer:** A

**NEW QUESTION 33**

How does GitHub Copilot Chat ensure that a function works correctly?

- A. By suggesting assertions based on the code's context and semantics.
- B. By automatically writing all the tests for the function.
- C. By writing the implementation code for the function.
- D. By executing the test cases to validate the correctness of the code.

**Answer:** A

**NEW QUESTION 38**

How does GitHub Copilot utilize chat history to enhance its code completion capabilities?

- A. By using chat history to offer personalized code snippets based on previous prompts.
- B. By logging chat history to monitor user activity and ensure compliance with coding standards.
- C. By analyzing past chat interactions to identify common programming patterns and errors.
- D. By sharing chat history with third-party services to improve integration and functionality.

**Answer:** C

**NEW QUESTION 43**

Identify the steps involved in the life cycle of a GitHub Copilot code suggestion? (Each correct answer presents part of the solution. Choose two.)

- A. Generate suggestions
- B. Capturing the user's context
- C. Processing telemetry data
- D. Retraining the model
- E. Storing user data

**Answer:** AB

**NEW QUESTION 47**

Which Copilot Individual features are available when using a supported extension for Visual Studio, VS Code, or JetBrains IDEs? (Each correct answer presents part of the solution. Choose two.)

- A. Code suggestions
- B. Chat
- C. Knowledge Base
- D. Pull Request Diff Analysis

**Answer:** AB

#### NEW QUESTION 51

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

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

**Answer: A**

#### NEW QUESTION 56

Which of the following are true about code suggestions? (Each correct answer presents part of the solution. Choose two.)

- A. Code suggestions are guaranteed to not expose known security vulnerabilities
- B. You can use keyboard shortcuts to accept the next word in a suggestion
- C. Code suggestions are limited to single-line suggestions
- D. Code suggestions will always compile or run without modifications
- E. Alternative code suggestions can be shown in a new tab

**Answer: BE**

#### NEW QUESTION 57

Which of the following describes role prompting?

- A. Describing in your prompt what your role is to get a better suggestion
- B. Tell GitHub Copilot in what tone of voice it should respond
- C. Prompt GitHub Copilot to explain what was the role of a suggestion
- D. Giving GitHub Copilot multiple examples of the form of the data you want to use

**Answer: A**

#### NEW QUESTION 61

What GitHub Copilot feature can be configured at the organization level to prevent GitHub Copilot suggesting publicly available code snippets?

- A. GitHub Copilot Chat in the IDE
- B. GitHub Copilot Chat in GitHub Mobile
- C. GitHub Copilot duplication detection filter
- D. GitHub Copilot access to Bing

**Answer: C**

#### NEW QUESTION 65

How does GitHub Copilot assist developers in minimizing context switching?

- A. GitHub Copilot can automatically handle project management tasks.
- B. GitHub Copilot can completely replace the need for human collaboration.
- C. GitHub Copilot can predict and prevent bugs before they occur.
- D. GitHub Copilot allows developers to stay in their IDE.

**Answer: D**

#### NEW QUESTION 67

What are two techniques that can be used to improve prompts to GitHub Copilot? (Select two.)

- A. Provide specific success criteria
- B. Provide all information about the utilized files
- C. Provide insight on where to get the content from to get a response
- D. Provide links to supporting documentation

**Answer: AD**

#### NEW QUESTION 68

An independent contractor develops applications for a variety of different customers. Assuming no concerns from their customers, which GitHub Copilot plan is best suited?

- A. GitHub Copilot Individual
- B. GitHub Copilot Business
- C. GitHub Copilot Business for non-GHE Customers
- D. GitHub Copilot Enterprise
- E. GitHub Copilot Teams

**Answer: A**

#### NEW QUESTION 69

Are there any limitations to consider when using GitHub Copilot for code refactoring?

- A. GitHub Copilot may not always produce optimized or best-practice code for refactoring.
- B. GitHub Copilot can only be used with a limited set of programming languages.
- C. GitHub Copilot always produces bug-free code during refactoring.
- D. GitHub Copilot understands the context of your entire project and refactors code accordingly.

**Answer:** A

#### NEW QUESTION 70

What content can be configured to be excluded with content exclusions? (Each correct answer presents part of the solution. Choose three.)

- A. Files
- B. Folders
- C. Lines in files
- D. Gists
- E. Repositories

**Answer:** ABE

#### NEW QUESTION 74

What practices enhance the quality of suggestions provided by GitHub Copilot? (Select three.)

- A. Clearly defining the problem or task
- B. Including personal information in the code comments
- C. Using meaningful variable names
- D. Providing examples of desired output
- E. Use a .gitignore file to exclude irrelevant files

**Answer:** ACD

#### NEW QUESTION 76

What are the different ways to give context to GitHub Copilot to get more precise responses? (Each correct answer presents part of the solution. Choose two.)

- A. Utilize to interpret developer's thoughts and intentions without any code or comments.
- B. Engage with chat participants such as @workspace to incorporate collaborative context into the responses.
- C. Access developer's previous projects and code repositories to understand their coding style without explicit permission.
- D. Utilize chat variables like \*file to anchor the conversation within the specific context of the files or editors in use.

**Answer:** BD

#### NEW QUESTION 80

How can GitHub Copilot be limited when it comes to suggesting unit tests?

- A. GitHub Copilot can generate all types of unit tests, including those for edge cases and complex integration scenarios.
- B. GitHub Copilot primarily suggests basic unit tests that focus on core functionalities, often requiring additional input from developers for comprehensive coverage.
- C. GitHub Copilot can handle any complexity in code and automatically generate appropriate unit tests.
- D. GitHub Copilot's limitations in generating unit tests can vary based on the IDE version you are using.

**Answer:** B

#### NEW QUESTION 84

What caution should developers exercise when using GitHub Copilot for assistance with mathematical computations?

- A. GitHub Copilot's capability to optimize complex mathematical algorithms beyond manual coding.
- B. GitHub Copilot's ability to execute and verify mathematical results in real-time.
- C. GitHub Copilot's reliance on pattern-based responses without verifying computation accuracy.
- D. GitHub Copilot's automatic update of outdated mathematical formulas to modern standards.

**Answer:** C

#### NEW QUESTION 87

What are the potential limitations of GitHub Copilot in maintaining existing codebases?

- A. GitHub Copilot can independently manage and resolve all merge conflicts in version control.
- B. GitHub Copilot might not fully understand the context and dependencies within a large codebase.
- C. GitHub Copilot's suggestions are always aware of the entire codebase.
- D. GitHub Copilot can refactor and optimize the entire codebase up to 10,000 lines of code.

**Answer:** B

#### NEW QUESTION 89

.....

## **Thank You for Trying Our Product**

### **We offer two products:**

1st - We have Practice Tests Software with Actual Exam Questions

2nd - Questions and Answers in PDF Format

### **GH-300 Practice Exam Features:**

- \* GH-300 Questions and Answers Updated Frequently
- \* GH-300 Practice Questions Verified by Expert Senior Certified Staff
- \* GH-300 Most Realistic Questions that Guarantee you a Pass on Your FirstTry
- \* GH-300 Practice Test Questions in Multiple Choice Formats and Updatesfor 1 Year

**100% Actual & Verified — Instant Download, Please Click**  
**[Order The GH-300 Practice Test Here](#)**