



Microsoft

Exam Questions GH-300

GitHub Copilot Exam

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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

Which of the following is correct about GitHub Copilot Knowledge Bases?

- A. All repos are indexed
- B. Indexing is static
- C. It is an Enterprise feature
- D. All file types are indexed

Answer: C

NEW QUESTION 3

How does GitHub Copilot typically handle code suggestions that involve deprecated features or syntax of programming languages?

- A. GitHub Copilot automatically updates deprecated features in its suggestions to the latest version.
- B. GitHub Copilot may suggest deprecated syntax or features if they are present in its training data.
- C. GitHub Copilot always filters out deprecated elements to promote the use of current standards.
- D. GitHub Copilot rejects all prompts involving deprecated features to avoid compilation errors.

Answer: B

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

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

NEW QUESTION 6

How does GitHub Copilot assist developers in reducing the amount of manual boilerplate code they write?

- A. By engaging in real-time collaboration with multiple developers to write boilerplate code.
- B. By predicting future coding requirements and pre-emptively generating boilerplate code.
- C. By refactoring the entire codebase to eliminate boilerplate code without developer input.
- D. By suggesting code snippets that can be reused across different parts of the project.

Answer: D

NEW QUESTION 7

1.
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- A. The API can generate detailed reports on code quality improvements made by GitHub Copilot.
- B. The API can track the acceptance rate of code suggestions accepted and used in the organization.
- C. The API can refactor your code to improve productivity.
- D. The API can provide feedback on coding style and standards compliance.
- E. The API can provide Copilot Chat specific suggestions acceptance metrics.

Answer: BE

NEW QUESTION 8

If you are working on open source projects, GitHub Copilot Individual can be paid:

- A. Based on the payment method in your user profile
- B. N/A – Copilot Individual is a free service for all open source projects
- C. Through an invoice or a credit card
- D. Through an Azure Subscription

Answer: A

NEW QUESTION 9

What is a likely effect of GitHub Copilot being trained on commonly used code patterns?

- A. Suggest innovative coding solutions that are not yet popular.
- B. Suggest completely novel projects, while reducing time on a project.
- C. Suggest code snippets that reflect the most common practices in the training data.
- D. Suggest homogeneous solutions if provided a diverse data set.

Answer: C

NEW QUESTION 10

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 10

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 15

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 18

What is the best way to share feedback about GitHub Copilot Chat when using it on GitHub Mobile?

- A. The Settings menu in the GitHub Mobile app.
- B. The feedback section on the GitHub website.
- C. Use the emojis in the Copilot Chat interface.
- D. By tweeting at GitHub's official X (previously known as Twitter) account.

Answer: C

NEW QUESTION 19

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 21

Which Microsoft ethical AI principle is aimed at ensuring AI systems treat all people equally?

- A. Inclusiveness
- B. Fairness

- C. Reliability and Safety
- D. Privacy and Security

Answer: B

NEW QUESTION 25

What is the correct way to access the audit log events for GitHub Copilot Business?

- A. Navigate to the Security tab in the organization's GitHub settings
- B. Navigate to the Insights tab in the repository settings
- C. Use the Audit log section in the organization's GitHub settings
- D. Use the Code tab in the GitHub repository

Answer: C

NEW QUESTION 30

How can the insights gained from the metrics API be used to improve the development process in conjunction with GitHub Copilot?

- A. Real-time debugging and error resolution statistics.
- B. Insights on the types of coding languages where GitHub Copilot is most helpful.
- C. Automated generation of complete project documentation.
- D. Detailed analysis of GitHub Copilot's suggestions v
- E. manual coding.

Answer: D

NEW QUESTION 33

In what way can GitHub Copilot and GitHub Copilot Chat aid developers in modernizing applications?

- A. GitHub Copilot can directly convert legacy applications into cloud-native architectures.
- B. GitHub Copilot can suggest modern programming patterns based on your code.
- C. GitHub Copilot can create and deploy full-stack applications based on a single query.
- D. GitHub Copilot can refactor applications to align with upcoming standards.

Answer: B

NEW QUESTION 38

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 40

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 43

How can you get multiple suggestions from GitHub Copilot?

- A. By asking for multiple suggestions using comments in your code
- B. By opening the completions panel in your editor
- C. By using the inline chat functionality with the command 'multiple'
- D. By using @workspace in the chat window

Answer: B

NEW QUESTION 48

Where is the proxy service hosted?

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

Answer: C

NEW QUESTION 52

What reasons could apply if code suggestions are not working in your editor? (Select three.)

- A. You are working in files included in your .gitignore
- B. You do not have an active internet connection
- C. Your programming language is not supported
- D. Your content exclusion is active and blocks the use of GitHub Copilot
- E. You do not have a valid GitHub Copilot license

Answer: BCE

NEW QUESTION 56

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 59

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 63

What method can be used to interact with GitHub Copilot?

- A. By using a properly configured GitHub CLI
- B. By using chat capabilities in NeoVim
- C. From a watch window in an IDE debug session
- D. From a web browser at <https://github.copilot.com>

Answer: B

NEW QUESTION 65

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 67

What specific function does the /fix slash command perform?

- A. Initiates a code review with static analysis tools for security and logic errors.
- B. Converts pseudocode into executable code, optimizing for readability and maintainability.
- C. Generates new code snippets based on language syntax and best practices.
- D. Proposes changes for detected issues, suggesting corrections for syntax errors and programming mistakes.

Answer: D

NEW QUESTION 69

What kind of insights can the GitHub Copilot usage metrics API provide to help evaluate the effectiveness of GitHub Copilot? (Each correct answer presents part of the solution. Choose two.)

- A. The API can generate detailed reports on code quality improvements made by GitHub Copilot.
- B. The API can track the number of code suggestions accepted and used in the organization.
- C. The API can provide Copilot Chat specific suggestions acceptance metrics.
- D. The API can refactor your code to improve productivity.
- E. The API can provide feedback on coding style and standards compliance.

Answer: BC

NEW QUESTION 71

What type of information can you retrieve through GitHub Copilot Business Subscriptions via REST API? (Each correct answer presents part of the solution. Choose two.)

- A. Get a summary of GitHub Copilot usage for organization members
- B. List all GitHub Copilot seat assignments for an organization
- C. View code suggestions for a specific user
- D. List of all unsubscribed GitHub Copilot members within an organization

Answer: AB

NEW QUESTION 73

What is a limitation of content exclusions?

- A. Repository administrators and organization owners cannot manage content exclusion settings.
- B. Content exclusions can be worked around as it is only available for Git repositories.
- C. Content exclusions can only be configured by an enterprise administrator.
- D. Content exclusions are only available in the GitHub Copilot Individual plan.

Answer: C

NEW QUESTION 77

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 82

How does GitHub Copilot Enterprise assist in code reviews during the pull request process? (Select two.)

- A. It automatically merges pull requests after an automated review.
- B. It generates a prose summary and a bulleted list of key changes for pull requests.
- C. It can validate the accuracy of the changes in the pull request.
- D. It can answer questions about the changeset of the pull request.

Answer: BD

NEW QUESTION 83

Why is it important to ensure the security of the code used in Generative AI (Gen AI) tools?

- A. Ensuring code security prevents unauthorized access and potential data breaches.
- B. Ensuring code security supports the development of more advanced AI features.
- C. Ensuring code security enables the AI system to handle larger datasets effectively.
- D. Ensuring code security maintains the integrity of the AI system.

Answer: A

NEW QUESTION 86

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 87

In what ways can GitHub Copilot support a developer during the code refactoring process? (Each correct answer presents part of the solution. Choose two.)

- A. By offering code transformation examples that enhance performance and reduce complexity.
- B. By independently ensuring compliance with regulatory standards across industries.
- C. By providing suggestions for improving code readability and maintainability based on best practices.
- D. By autonomously refactoring entire codebases to the latest programming language.

Answer: AC

NEW QUESTION 92

Identify the right use cases where GitHub Copilot Chat is most effective. (Each correct answer presents part of the solution. Choose two.)

- A. Create a technical requirement specification from the business requirement documentation
- B. Explain a legacy COBOL code and translate the code to another language like Python.
- C. Creation of a unit test scenario for newly developed Python code
- D. Creation of end-to-end performance testing scenarios for a web application

Answer: BC

NEW QUESTION 97

What is the process behind identifying public code matches when using a public code filter enabled in GitHub Copilot?

- A. Running code suggestions through filters designed to detect public code
- B. Comparing suggestions against public code using machine learning.
- C. Analyzing the context and structure of the code being written
- D. Reviewing the user's browsing history to identify public repositories

Answer: A

NEW QUESTION 100

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 104

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 105

What are the potential limitations of GitHub Copilot Chat? (Each correct answer presents part of the solution. Choose two.)

- A. Limited training data
- B. No biases in code suggestions
- C. Ability to handle complex code structures
- D. Extensive support for all programming languages

Answer: AC

NEW QUESTION 107

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