

GH-300 Study Test & GH-300 Exam Pass Guide



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Microsoft GH-300 Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">• 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.
Topic 2	<ul style="list-style-type: none">• 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.
Topic 3	<ul style="list-style-type: none">• Responsible :This section of the exam measures skills of AI Ethics Officers and Risk Managers and covers the responsible and ethical usage of AI technologies. It explains the risks and limitations associated with generative AI tools, including biases in training data and the need to validate AI outputs. Candidates learn how to operate AI responsibly by identifying potential harms such as bias, fairness, privacy concerns, and mitigating these harms by applying ethical AI principles.
Topic 4	<ul style="list-style-type: none">• 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.

Pass Guaranteed Microsoft - GH-300 Useful Study Test

Desktop GitHub Copilot (GH-300) practice exam software also keeps track of the earlier attempted GitHub Copilot (GH-300) practice test so you can know mistakes and overcome them at each and every step. The Desktop GitHub Copilot (GH-300) practice exam software is created and updated in a timely by a team of experts in this field. If any problem arises, a support team is there to fix the issue.

Microsoft GitHub Copilot Sample Questions (Q52-Q57):

NEW QUESTION # 52

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

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

Answer: C

Explanation:

GitHub Copilot and GitHub Copilot Chat are powerful AI-driven tools designed to assist developers by providing context-aware code suggestions and interactive support. Specifically, in the context of modernizing applications, GitHub Copilot excels at analyzing existing code and suggesting modern programming patterns, best practices, and syntax improvements that align with contemporary development standards. For example, it can recommend updates to outdated constructs, propose more efficient algorithms, or suggest frameworks and libraries that are widely used in modern application development.

Why not A? GitHub Copilot does not "directly convert" legacy applications into cloud-native architectures. It can assist by suggesting code changes or patterns that support such a transition, but it doesn't autonomously perform the full conversion process, which involves architectural decisions and deployment steps beyond its scope.

Why not C? While GitHub Copilot can generate code snippets and even larger portions of an application, it cannot create and deploy full-stack applications from a single query. It requires developer input, refinement, and integration to achieve a complete, deployable solution.

Why not D? GitHub Copilot can assist with refactoring by suggesting improvements to existing code, but it doesn't inherently "align with upcoming standards" in a predictive sense. Its suggestions are based on current best practices and the data it was trained on, not future standards that are yet to be defined.

Thus, B is the most accurate and realistic way GitHub Copilot aids developers in modernizing applications, leveraging its ability to provide relevant, context-based suggestions to update and improve codebases.

NEW QUESTION # 53

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

Explanation:

Content exclusions typically take up to 30 minutes to be added or updated.

NEW QUESTION # 54

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

- A. Use the Audit log section in the organization's GitHub settings
- B. Use the Code tab in the GitHub repository

- C. Navigate to the Insights tab in the repository settings
- D. Navigate to the Security tab in the organization's GitHub settings

Answer: A

Explanation:

Audit log events for GitHub Copilot Business can be accessed through the Audit log section within the organization's GitHub settings. This log provides a record of activities related to Copilot usage and configuration.

NEW QUESTION # 55

When using GitHub Copilot Chat to generate boilerplate code for various test types, how can you guide the AI to follow the testing standards of your company?

- A. By using a specific command in the terminal.
- **B. By using specific prompt examples in your chat request.**
- C. By using a specific slash command in the prompt.
- D. By using a specific setting in GitHub Copilot's configuration.

Answer: B

Explanation:

"The quality of Copilot Chat responses depends on the clarity and specificity of your prompts. You can guide Copilot to follow organizational standards by including examples or requirements in your request." This means prompt engineering with specific examples is the way to align with company standards.

References: GitHub Copilot Chat best practices documentation.

NEW QUESTION # 56

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

Explanation:

Organization audit logs track changes to content exclusion settings, providing administrators with visibility into configuration changes.

Reference: GitHub Copilot Business audit logs.

NEW QUESTION # 57

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The web-based GitHub Copilot (GH-300) practice exam is accessible from any major OS, including Mac OS X, Linux, Android, Windows, or iOS. These Microsoft GH-300 exam questions are browser-based, so there's no need to install anything on your computer. Chrome, IE, Firefox, and Opera all support this Microsoft GH-300 web-based practice exam. You can take this GitHub Copilot (GH-300) practice exam without plugins and software installation.

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