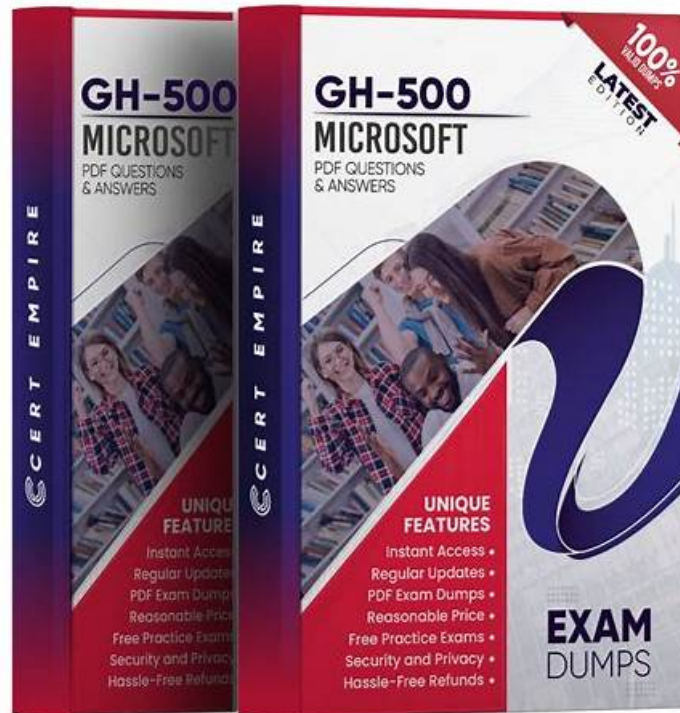


GH-500 PDF & GH-500 Praxisprüfung



P.S. Kostenlose und neue GH-500 Prüfungsfragen sind auf Google Drive freigegeben von ZertSoft verfügbar:
<https://drive.google.com/open?id=14w8SBYAnmT1maD4tuvFwpGluu6AAVt1S>

Um die Microsoft GH-500 Zertifizierungsprüfung zu bestehen, ist es notwendig, dass man entsprechende Prüfungsunterlagen benutzt. Unser ZertSoft wird Ihnen so schnell wie möglich die Forschungsmaterialien für Microsoft GH-500 Zertifizierungsprüfung bieten, die von großer Wichtigkeit ist. Unsere IT-Experten sind erfahrungsreich. Die von ihnen bearbeiteten Forschungsmaterialien sind den echten Prüfungen sehr ähnlich, fast identisch. ZertSoft ist eine spezielle Website, die Prüflingen Hilfe beim Bestehen der Microsoft GH-500 Zertifizierungsprüfung bietet.

Microsoft GH-500 Prüfungsplan:

Thema	Einzelheiten
Thema 1	<ul style="list-style-type: none"> • Configure and use Code Scanning with CodeQL: This domain measures skills of Application Security Analysts and DevSecOps Engineers in code scanning using both CodeQL and third-party tools. It covers enabling code scanning, the role of code scanning in the development lifecycle, differences between enabling CodeQL versus third-party analysis, implementing CodeQL in GitHub Actions workflows versus other CI tools, uploading SARIF results, configuring workflow frequency and triggering events, editing workflow templates for active repositories, viewing CodeQL scan results, troubleshooting workflow failures and customizing configurations, analyzing data flows through code, interpreting code scanning alerts with linked documentation, deciding when to dismiss alerts, understanding CodeQL limitations related to compilation and language support, and defining SARIF categories.

Thema 2	<ul style="list-style-type: none"> Describe GitHub Advanced Security best practices, results, and how to take corrective measures: This section evaluates skills of Security Managers and Development Team Leads in effectively handling GHAS results and applying best practices. It includes using Common Vulnerabilities and Exposures (CVE) and Common Weakness Enumeration (CWE) identifiers to describe alerts and suggest remediation, decision-making processes for closing or dismissing alerts including documentation and data-based decisions, understanding default CodeQL query suites, how CodeQL analyzes compiled versus interpreted languages, the roles and responsibilities of development and security teams in workflows, adjusting severity thresholds for code scanning pull request status checks, prioritizing secret scanning remediation with filters, enforcing CodeQL and Dependency Review workflows via repository rulesets, and configuring code scanning, secret scanning, and dependency analysis to detect and remediate vulnerabilities earlier in the development lifecycle, such as during pull requests or by enabling push protection.
Thema 3	<ul style="list-style-type: none"> Configure and use secret scanning: This domain targets DevOps Engineers and Security Analysts with the skills to configure and manage secret scanning. It includes understanding what secret scanning is and its push protection capability to prevent secret leaks. Candidates differentiate secret scanning availability in public versus private repositories, enable scanning in private repos, and learn how to respond appropriately to alerts. The domain covers alert generation criteria for secrets, user role-based alert visibility and notification, customizing default scanning behavior, assigning alert recipients beyond admins, excluding files from scans, and enabling custom secret scanning within repositories.
Thema 4	<ul style="list-style-type: none"> Describe the GHAS security features and functionality: This section of the exam measures skills of Security Engineers and Software Developers and covers understanding the role of GitHub Advanced Security (GHAS) features within the overall security ecosystem. Candidates learn to differentiate security features available automatically for open source projects versus those unlocked when GHAS is paired with GitHub Enterprise Cloud (GHEC) or GitHub Enterprise Server (GHES). The domain includes knowledge of Security Overview dashboards, the distinctions between secret scanning and code scanning, and how secret scanning, code scanning, and Dependabot work together to secure the software development lifecycle. It also covers scenarios contrasting isolated security reviews with integrated security throughout the development lifecycle, how vulnerable dependencies are detected using manifests and vulnerability databases, appropriate responses to alerts, the risks of ignoring alerts, developer responsibilities for alerts, access management for viewing alerts, and the placement of Dependabot alerts in the development process.
Thema 5	<ul style="list-style-type: none"> Configure and use Dependabot and Dependency Review: Focused on Software Engineers and Vulnerability Management Specialists, this section describes tools for managing vulnerabilities in dependencies. Candidates learn about the dependency graph and how it is generated, the concept and format of the Software Bill of Materials (SBOM), definitions of dependency vulnerabilities, Dependabot alerts and security updates, and Dependency Review functionality. It covers how alerts are generated based on the dependency graph and GitHub Advisory Database, differences between Dependabot and Dependency Review, enabling and configuring these tools in private repositories and organizations, default alert settings, required permissions, creating Dependabot configuration files and rules to auto-dismiss alerts, setting up Dependency Review workflows including license checks and severity thresholds, configuring notifications, identifying vulnerabilities from alerts and pull requests, enabling security updates, and taking remediation actions including testing and merging pull requests.

>> GH-500 PDF <<

GH-500 Praxisprüfung - GH-500 Exam Fragen

Die GH-500 Prüfung ist ein neuer Wendepunkt in der IT-Branche. Sie werden der fachlich qualifizierte IT-Fachmann werden. Mit der Verbreitung und dem Fortschritt der Informationstechnik werden Sie Hunderte Online-Ressourcen sehen, die Fragen und Antworten zur Microsoft GH-500 Zertifizierungsprüfung bieten. Aber ZertSoft ist der Vorläufer. Viele Leute wählen ZertSoft, weil die Schulungsunterlagen zur Microsoft GH-500 Zertifizierungsprüfung von ZertSoft Ihnen Vorteile bringen und Ihren Traum verwirklichen können.

Microsoft GitHub Advanced Security GH-500 Prüfungsfragen mit Lösungen

(Q94-Q99):

94. Frage

You are a maintainer of a repository and Dependabot notifies you of a vulnerability. Where could the vulnerability have been disclosed? Each answer presents part of the solution. (Choose two.)

- A. in the dependency graph
- B. in manifest and lock files
- C. in security advisories reported on GitHub
- D. in the National Vulnerability Database

Antwort: B,C

Begründung:

C: GitHub may send Dependabot alerts to repositories affected by a vulnerability disclosed by a recently published GitHub security advisory.

D: The Dependabot security updates feature is available for repositories where you have enabled the dependency graph and Dependabot alerts. You will see a Dependabot alert for every vulnerable dependency identified in your full dependency graph. However, security updates are triggered only for dependencies that are specified in a manifest or lock file.

95. Frage

How does secret scanning availability differ for public and private repositories on GitHub?

- A. Secret scanning is available for both public and private repositories, but the configuration options may differ.
- B. Secret scanning is only available for public repositories.
- C. Secret scanning is not available for either public or private repositories.
- D. Secret scanning is only available for private repositories.

Antwort: A

96. Frage

A secret scanning alert should be closed as "used in tests" when a secret is:

- A. not a secret in the production environment.
- B. in a test file.
- C. solely used for tests.
- D. in the readme.md file.

Antwort: C

Begründung:

If a secret is intentionally used in a test environment and poses no real-world security risk, you may close the alert with the reason "used in tests". This helps reduce noise and clarify that the alert was reviewed and accepted as non-critical.

Just being in a test file isn't enough unless its purpose is purely for testing.

If a secret is intentionally used in a test environment and poses no real-world security risk, you may close the alert with the reason "used in tests". This helps reduce noise and clarify that the alert was reviewed and accepted as non-critical.

Just being in a test file isn't enough unless its purpose is purely for testing.

97. Frage

You are creating an application that will utilize the code scanning application programming interface (API) to export a repository's alerts into a comma separated values (CSV) file. What scope needs to be included in the GitHub token?

- A. security_events
- B. read:user
- C. admin:org
- D. workflow

Antwort: A

Begründung:

REST API endpoints for code scanning

OAuth app tokens and personal access tokens (classic) need the security_events or repos scope to use this endpoint with private or public repositories, or the public_repo scope to use this endpoint with only public repositories.

98. Frage

To be compatible with code scanning, what data format must third-party code scanning tools use for output?

- A. ESLint
- B. comma separated values (CSV)
- C. Static Analysis Results Interchange Format (SARIF)
- D. YAML

Antwort: C

Begründung:

About code scanning

You can use code scanning to find security vulnerabilities and errors in the code for your project on GitHub.

About third-party code scanning tools

Code scanning is interoperable with third-party code scanning tools that output Static Analysis Results Interchange Format (SARIF) data. SARIF is an open standard. For more information,

99. Frage

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ZertSoft genießt schon guten Ruf auf dem IT-Prüfungssoftware Markt Deutschlands, Japans und Südkoreas. Wenn es für Sie das erste Mal, unsere Marke zu hören, können Sie zuerst auf unserer Webseite die Demos der Microsoft GH-500 gratis probieren. Dann können Sie das kundenorientierte Design von uns ZertSoft erkennen und die ausführliche Deutungen empfinden. Wenn auch die Unterlagen der Microsoft GH-500 schon am neuesten sind, werden wir immer weiter die Aktualisierungssituation überprüfen. Innerhalb einem Jahr nach Ihrem Kauf, bieten wir Ihnen gratis immer weiter die neueste Version von Microsoft GH-500 Prüfungssoftware.

GH-500 Praxisprüfung: <https://www.zertsoft.com/GH-500-pruefungsfragen.html>

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