GH-500 Antworten, GH-500 Prüfungsunterlagen

Desiccant pearls flask (110 g)

Location for accessories

GH500

Demineralised water flask (250 ml)

Flask n°2 for the transportation of the demineralised water (250 ml)

Die Produkte von ZertSoft werden von den erfahrungsreichen IT-Fachleuten nach ihren Kenntnissen und Erfahrungen bearbeitet. Wenn Sie sich an der Microsoft GH-500 Zertifizierungsprüfung beteiligen wollen, wählen Sie doch ZertSoft. ZertSoft bietet Ihnen umfassende Prüfungsmaterialien von guter Qualität, so dass Sie sich besser auf die fachliche Microsoft GH-500 Prüfung vorbereiten und das GH-500 Zertifikat erhalten.

Microsoft GH-500 Prüfungsplan:

Thema	Einzelheiten
Thema 1	• 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.
Thema 2	• 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	- 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 4	- 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 5	- 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.

>> GH-500 Antworten <<

GH-500 Prüfungsunterlagen & GH-500 Lernhilfe

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Microsoft GitHub Advanced Security GH-500 Prüfungsfragen mit Lösungen (Q46-Q51):

46. Frage
How do I configure a webhook to monitor key scan alert events? What are the steps of this operation?

- A. Configure a webhook to monitor for secret scanning alert events.
- B. Dismiss alerts that are older than 90 days.
- C. Document alternatives to storing secrets in the source code.
- D. Enable system for cross-domain identity management (SCIM) provisioning for the enterprise.

Antwort: A,C

Begründung:

To proactively address secret scanning:
Webhooks can be configured to listen for secret scanning events. This allows automation, logging, or alerting in real-time when secrets are detected.
Documenting secure development practices (like using environment variables or secret managers) helps reduce the likelihood of developers committing secrets in the first place.
Dismissal based on age is not a best practice without triage. SCIM deals with user provisioning, not scanning alerts.

47. Frage
What should you do after receiving an alert about a dependency added in a pull request?

- A. Fork the branch and deploy the new fork
- B. Deploy the code to your default branch
- C. Update the vulnerable dependencies before the branch is merged
- D. Disable Dependabot alerts for all repositories owned by your organization

Antwort: C

Begründung:
If an alert is raised on a pull request dependency, best practice is to update the dependency to a secure version before merging the PR. This prevents the vulnerable version from entering the main codebase.
Merging or deploying the PR without fixing the issue exposes your production environment to known risks.

48. Frage
If default code security settings have not been changed at the repository, organization, or enterprise level, which repositories receive Dependabot alerts?

- A. Repositories owned by an enterprise account
- B. None
- C. Repositories owned by an organization
- D. Private repositories

Antwort: B

Begründung:
By default, no repositories receive Dependabot alerts unless configuration is explicitly enabled. GitHub does not enable Dependabot alerts automatically for any repositories unless:
The feature is turned on manually
It's configured at the organization or enterprise level via security policies This includes public, private, and enterprise-owned repositories - manual activation is required.

49. Frage
Which of the following options would close a Dependabot alert?

- A. Viewing the Dependabot alert on the Dependabot alerts tab of your repository
- B. Creating a pull request to resolve the vulnerability that will be approved and merged
- C. Leaving the repository in its current state
- D. Viewing the dependency graph

Antwort: B

Begründung:
A Dependabot alert is only marked as resolved when the related vulnerability is no longer present in your code - specifically after you merge a pull request that updates the vulnerable dependency.
Simply viewing alerts or graphs does not affect their status. Ignoring the alert by leaving the repo unchanged keeps the vulnerability active and unresolved.

50. Frage

When configuring code scanning with CodeQL, what are your options for specifying additional queries? (Each answer presents part of the solution. Choose two.)

- A. Packs
- B. github/codeql
- C. Queries
- D. Scope

Antwort: A,C

Begründung:
You can customize CodeQL scanning by including additional query packs or by specifying individual queries:
Packs: These are reusable collections of CodeQL queries bundled into a single package.
Queries: You can point to specific files or directories containing .ql queries to include in the analysis.
github/codeql refers to a pack by name but is not a method or field. Scope is not a valid field used for configuration in this context.

51. Frage

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Es ist unnötig für Sie, viel Zeit an einer GH-500 Zertifizierungsprüfung zu verwenden. Wenn Sie es schwierig für die Vorbereitung der Microsoft GH-500 Prüfung finden und viel Zeit verschwenden müssen, sollen Sie am Besten ZertSoft GH-500 Dumps als Ihr Lerngerät benutzen, weil es kann viel Zeit für Sie sparen. Und es ist wichtiger, dass sie Ihnen versprechen, die Microsoft GH-500 Prüfung zu bestehen. Und es gibt keine anderen Unterlagen in dem Markt. Sie können viele andere interessante Dinge machen, statt die Microsoft GH-500 Prüfungen vorzubereiten. So, klicken Sie ZertSoft Webseite und Informieren Sie sich. Sie werden bereuen, diese Chance zu verlieren.

GH-500 Prüfungsunterlagen: https://www.zertsoft.com/GH-500-pruefungsfragen.html

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