

Online GitHub GitHub-Advanced-Security Training - GitHub-Advanced-Security Exam Actual Questions



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GitHub GitHub-Advanced-Security Exam Syllabus Topics:

Topic	Details
Topic 1	<ul style="list-style-type: none">Describe the GHAS security features and functionality: This section of the exam measures skills of a GitHub Administrator and covers identifying and explaining the built-in security capabilities that GitHub Advanced Security provides. Candidates should be able to articulate how features such as code scanning, secret scanning, and dependency management integrate into GitHub repositories and workflows to enhance overall code safety.
Topic 2	<ul style="list-style-type: none">Describe GitHub Advanced Security best practices: This section of the exam measures skills of a GitHub Administrator and covers outlining recommended strategies for adopting GitHub Advanced Security at scale. Test-takers will explain how to apply security policies, enforce branch protections, shift left security checks, and use metrics from GHAS tools to continuously improve an organization's security posture.
Topic 3	<ul style="list-style-type: none">Configure and use secret scanning: This section of the exam measures skills of a DevSecOps Engineer and covers setting up and managing secret scanning in organizations and repositories. Test-takers must demonstrate how to enable secret scanning, interpret the alerts generated when sensitive data is exposed, and implement policies to prevent and remediate credential leaks.
Topic 4	<ul style="list-style-type: none">Use code scanning with CodeQL: This section of the exam measures skills of a DevSecOps Engineer and covers working with CodeQL to write or customize queries for deeper semantic analysis. Candidates should demonstrate how to configure CodeQL workflows, understand query suites, and interpret CodeQL alerts to uncover complex code issues beyond standard static analysis.

Topic 5	<ul style="list-style-type: none"> Configure and use code scanning: This section of the exam measures skills of a DevSecOps Engineer and covers enabling and customizing GitHub code scanning with built-in or marketplace rulesets. Examinees must know how to interpret scan results, triage findings, and configure exclusion or override settings to reduce noise and focus on high-priority vulnerabilities.
Topic 6	<ul style="list-style-type: none"> Configure and use dependency management: This section of the exam measures skills of a DevSecOps Engineer and covers configuring dependency management workflows to identify and remediate vulnerable or outdated packages. Candidates will show how to enable Dependabot for version updates, review dependency alerts, and integrate these tools into automated CI CD pipelines to maintain secure software supply chains.

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GitHub Advanced Security GHAS Exam Sample Questions (Q35-Q40):

NEW QUESTION # 35

What filter or sort settings can be used to prioritize the secret scanning alerts that present the most risk?

- A. Sort to display the oldest first
- B. **Filter to display active secrets**
- C. Sort to display the newest first
- D. Select only the custom patterns

Answer: B

Explanation:

The best way to prioritize secret scanning alerts is to filter by active secrets- these are secrets GitHub has confirmed are still valid and could be exploited. This allows security teams to focus on high-risk exposures that require immediate attention. Sorting by time or filtering by custom patterns won't help with risk prioritization directly.

NEW QUESTION # 36

Which of the following workflow events would trigger a dependency review? (Each answer presents a complete solution. Choose two.)

- A. **pull_request**
- B. commit
- C. trigger
- D. **workflow_dispatch**

Answer: A,D

Explanation:

Comprehensive and Detailed Explanation:

Dependency review is triggered by specific events in GitHub workflows:

pull_request: When a pull request is opened, synchronized, or reopened, GitHub can analyze the changes in dependencies and provide a dependency review.

workflow_dispatch: This manual trigger allows users to initiate workflows, including those that perform dependency reviews.

The trigger and commit options are not recognized GitHub Actions events and would not initiate a dependency review.

NEW QUESTION # 37

When using CodeQL, what extension stores query suite definitions?

- A. .yml
- B. .ql
- C. .qll
- D. .qls

Answer: D

Explanation:

Query suite definitions in CodeQL are stored using the .qls file extension. A query suite defines a collection of queries to be run during an analysis and allows for grouping them based on categories like language, security relevance, or custom filters.

In contrast:

- * .ql files are individual queries.
- * .qll files are libraries used by .ql queries.
- * .yml is used for workflows, not query suites.

NEW QUESTION # 38

When does Dependabot alert you of a vulnerability in your software development process?

- A. As soon as a vulnerable dependency is detected
- B. When Dependabot opens a pull request to update a vulnerable dependency
- C. When a pull request adding a vulnerable dependency is opened
- D. As soon as a pull request is opened by a contributor

Answer: A

Explanation:

Dependabot alerts are generated as soon as GitHub detects a known vulnerability in one of your dependencies. GitHub does this by analyzing your repository's dependency graph and matching it against vulnerabilities listed in the GitHub Advisory Database. Once a match is found, the system raises an alert automatically without waiting for a PR or manual action.

This allows organizations to proactively mitigate vulnerabilities as early as possible, based on real-time detection.

NEW QUESTION # 39

Which of the following options are code scanning application programming interface (API) endpoints? (Each answer presents part of the solution. Choose two.)

- A. Delete all open code scanning alerts
- B. Get a single code scanning alert
- C. Modify the severity of an open code scanning alert
- D. List all open code scanning alerts for the default branch

Answer: B,D

Explanation:

The GitHub Code Scanning API includes endpoints that allow you to:

* List alerts for a repository (filtered by branch, state, or tool) - useful for monitoring security over time.

* Get a single alert by its ID to inspect its metadata, status, and locations in the code.

However, GitHub does not support modifying the severity of alerts via API - severity is defined by the scanning tool (e.g., CodeQL). Likewise, alerts cannot be deleted via the API; they are resolved by fixing the code or dismissing them manually.

NEW QUESTION # 40

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All candidates want to get GitHub authentication in a very short time, this has developed into an inevitable trend. Each of them is eager to have a strong proof to highlight their abilities, so they have the opportunity to change their current status. It is not easy to qualify for a qualifying exam in such a short period of time. Our company's GitHub-Advanced-Security Study Guide is very good at helping customers pass the exam and obtain GitHub-Advanced-Security certificate in a short time, and now you can free download the demo of our GitHub-Advanced-Security exam torrent from our website. You will love our GitHub-Advanced-Security exam prep for sure.

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