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The countless candidates have already passed their GitHub Advanced Security GHAS Exam (GitHub-Advanced-Security) certification exam and they all used the real, valid, and updated GitHub-Advanced-Security exam questions. So, why not, take a decision right now and ace your GitHub Advanced Security GHAS Exam (GitHub-Advanced-Security) exam preparation with top-notch GitHub GitHub-Advanced-Security exam questions?

GitHub GitHub-Advanced-Security Exam Syllabus Topics:

Topic	Details
Topic 1	<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 2	<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of a DevSecOps Engineer and covers configuring dependency management workflows to identify and remediate vulnerable or outdated packages.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 CICD pipelines to maintain secure software supply chains.
Topic 3	<ul style="list-style-type: none">Configure GitHub Advanced Security tools in GitHub Enterprise: This section of the exam measures skills of a GitHub Administrator and covers integrating GHAS features into GitHub Enterprise Server or Cloud environments. Examinees must know how to enable advanced security at the enterprise level, manage licensing, and ensure that scanning and alerting services operate correctly across multiple repositories and organizational units.
Topic 4	<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.

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GitHub Advanced Security GHAS Exam Sample Questions (Q58-Q63):

NEW QUESTION # 58

Where can you use CodeQL analysis for code scanning? (Each answer presents part of the solution. Choose two.)

- A. In an external continuous integration (CI) system
- B. In a workflow
- C. In the Files changed tab of the pull request
- D. In a third-party Git repository

Answer: A,B

Explanation:

* In a workflow: GitHub Actions workflows are the most common place for CodeQL code scanning.

The codeql-analysis.yml defines how the analysis runs and when it triggers.

* In an external CI system: GitHub allows you to run CodeQL analysis outside of GitHub Actions.

Once complete, the results can be uploaded using the upload-sarif action to make alerts visible in the repository.

You cannot run or trigger analysis from third-party repositories directly, and the Files changed tab in pull requests only shows diff - not analysis results.

NEW QUESTION # 59

What is required to trigger code scanning on a specified branch?

- A. Secret scanning must be enabled on the repository.
- B. The workflow file must exist in that branch.
- C. The repository must be private.
- D. Developers must actively maintain the repository.

Answer: B

Explanation:

Comprehensive and Detailed Explanation:

For code scanning to be triggered on a specific branch, the branch must contain the appropriate workflow file, typically located in the .github/workflows directory. This YAML file defines the code scanning configuration and specifies the events that trigger the scan (e.g., push, pull request).

Without the workflow file in the branch, GitHub Actions will not execute the code scanning process for that branch. The repository's visibility (private or public), the status of secret scanning, or the activity level of developers do not directly influence the triggering of code scanning.

NEW QUESTION # 60

Assuming that notification and alert recipients are not customized, what does GitHub do when it identifies a vulnerable dependency in a repository where Dependabot alerts are enabled? (Each answer presents part of the solution. Choose two.)

- A. It consults with a security service and conducts a thorough vulnerability review.
- B. It generates Dependabot alerts by default for all private repositories.
- C. It generates a Dependabot alert and displays it on the Security tab for the repository.
- D. It notifies the repository administrators about the new alert.

Answer: C,D

Explanation:

Comprehensive and Detailed Explanation:

When GitHub identifies a vulnerable dependency in a repository with Dependabot alerts enabled, it performs the following actions:

Generates a Dependabot alert: The alert is displayed on the repository's Security tab, providing details about the vulnerability and

affected dependency.

Notifies repository maintainers: By default, GitHub notifies users with write, maintain, or admin permissions about new Dependabot alerts.

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These actions ensure that responsible parties are informed promptly to address the vulnerability.

NEW QUESTION # 61

In a private repository, what minimum requirements does GitHub need to generate a dependency graph? (Each answer presents part of the solution. Choose two.)

- A. Dependency graph enabled at the organization level for all new private repositories
- B. Write access to the dependency manifest and lock files for an enterprise
- C. Read-only access to the dependency manifest and lock files for a repository
- D. Read-only access to all the repository's files

Answer: A,C

Explanation:

Comprehensive and Detailed Explanation:

To generate a dependency graph for a private repository, GitHub requires:

Dependency graph enabled: The repository must have the dependency graph feature enabled. This can be configured at the organization level to apply to all new private repositories.

Access to manifest and lock files: GitHub needs read-only access to the repository's dependency manifest and lock files (e.g., package.json, requirements.txt) to identify and map dependencies.

NEW QUESTION # 62

In the pull request, how can developers avoid adding new dependencies with known vulnerabilities?

- A. Add Dependabot rules.
- B. Add a workflow with the dependency review action.
- C. Enable Dependabot security updates.
- D. Enable Dependabot alerts.

Answer: B

Explanation:

To detect and block vulnerable dependencies before merge, developers should use the Dependency Review GitHub Action in their pull request workflows. It scans all proposed dependency changes and flags any packages with known vulnerabilities.

This is a preventative measure during development, unlike Dependabot, which reacts after the fact.

NEW QUESTION # 63

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