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QUESTIONS & ANSWERS
DEMO VERSION
(LIMITED CONTENT)

Question 1

Question Type: MultipleChoice

Which default GitHub environment variable indicates the name of the person or app that initiated a workflow?

Options:

- A- ENV_ACTOR
- B- GITHUB_WORKFLOW_ACTOR
- C- GITHUB_ACTOR
- D- GITHUB_USER

Answer:

C

Explanation:

The GITHUB_ACTOR environment variable indicates the name of the person or app that initiated the workflow. This variable is automatically provided by GitHub in the workflow and can be used to identify the user or application triggering the workflow.

Question 2

Question Type: MultipleChoice

As a developer, your self-hosted runner sometimes loses connection while running jobs. How should you troubleshoot the issue affecting your self-hosted runner?

Options:

- A- Set the DEBUG environment variable to true before starting the self-hosted runner to produce more verbose console output.
- B- Locate the self-hosted runner in your repository's settings page and download its log archive.
- C- Access the self-hosted runner's installation directory and look for log files in the _diag folder.
- D- Start the self-hosted runner with the --debug flag to produce more verbose console output.

Answer:

C

Explanation:

When troubleshooting a self-hosted runner, you can access the `_diag` folder located in the self-hosted runner's installation directory. This folder contains diagnostic logs that can help you identify the root cause of issues, such as connection problems.

Question 3

Question Type: MultipleChoice

What can be used to set a failed status of an action from its code?

Options:

- A- @actions/github toolkit
- B- JavaScript dist/ folder
- C- Dockerfile CMD
- D- a non-zero exit code
- E- output variable
- F- composite run step

Answer:

D

Explanation:

A non-zero exit code is used to set the status of an action to 'failed' in GitHub Actions. When the action's script or code exits with a non-zero status, it indicates failure, and GitHub will mark the action as failed.

Question 4

Question Type: MultipleChoice

As a developer, you need to make sure that only actions from trusted sources are available for use in your GitHub Enterprise Cloud organization. Which of the following statements are true? (Choose three.)

Options:

- A- Specific actions can individually be enabled for the organization, including version information.
- B- GitHub-verified actions can be collectively enabled for use in the enterprise.
- C- Actions can be restricted to only those available in the enterprise.
- D- Actions created by GitHub are automatically enabled and cannot be disabled.
- E- Individual third-party actions enabled with a specific tag will prevent updated versions of the action from introducing vulnerabilities.
- F- Actions can be published to an internal marketplace.

Answer:

A, B, F

Explanation:

You can enable specific actions for the organization by identifying them and providing version control, ensuring only trusted versions are used in workflows.

GitHub-verified actions can be enabled at the enterprise level, providing an extra layer of security by ensuring that only trusted actions are available to workflows.

Actions can be published to an internal marketplace, allowing organizations to share reusable actions securely within their enterprise without exposing them to the public.

Question 5

Question Type: MultipleChoice

As a developer, you need to integrate a GitHub Actions workflow with a third-party code quality provider that uses the Checks API. How should you trigger a follow-up workflow?

Options:

- A- Add the workflow_run webhook event as a trigger for the workflow for the code quality integration name

B- Add the check_run webhook event as a trigger for the workflow when the code quality integration is completed

C- Add the pull_request webhook event as a trigger for the workflow when the code quality integration is synchronized

D- Add the deployment webhook event as a trigger for the workflow when the code quality integration is completed

Answer:

B

Explanation:

The check_run event is triggered when a check (such as a code quality check) completes, including when the status of a check changes. By adding this event as a trigger, you can initiate a follow-up workflow when the code quality integration finishes its checks.

Question 6

Question Type: MultipleChoice

What is the smallest scope for an environment variable?

Options:

A- the workflow settings

B- a step

C- a job

D- the workflow env mapping

Answer:

B

Explanation:

The smallest scope for an environment variable is within a step. Environment variables defined within a step are only accessible to that particular step, which makes it the smallest scope for a variable in a GitHub Actions workflow.

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