

Quiz 2026 First-grade Microsoft GH-200: Training GitHub Actions Tools



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Microsoft GH-200 Exam Syllabus Topics:

| Topic | Details |
|---------|--|
| Topic 1 | <ul style="list-style-type: none">Manage GitHub Actions in the Enterprise: This section measures the expertise of Enterprise Administrators and Platform Engineers in distributing and managing GitHub Actions and workflows at the organizational level. It includes reuse and sharing of templates, strategies for managing reusable components via repositories and naming conventions, controlling access to actions, setting organization-wide usage policies, and planning maintenance to ensure efficient enterprise-wide deployment of GitHub Actions. |
| Topic 2 | <ul style="list-style-type: none">Author and Maintain Workflows: This section of the exam measures skills of DevOps Engineers and Automation Specialists and covers building and managing workflows triggered by events such as pushes, scheduled times, manual triggers, and webhooks. It includes understanding workflow components like jobs, steps, actions, and runners, syntax correctness, environment variables, secrets management, and dependencies between jobs. Candidates will also demonstrate practical abilities to create workflows for various purposes, including publishing packages, using service containers, routing jobs, and deploying releases to cloud providers. |

| | |
|---------|---|
| Topic 3 | <ul style="list-style-type: none"> Author and Maintain Actions: This domain evaluates the abilities of Action Developers and Automation Engineers to select and create suitable types of GitHub Actions, such as JavaScript, Docker containers, or run steps. It emphasizes troubleshooting action code, understanding the components and file structures of actions, and using workflow commands within actions to communicate with runners, including exit code management. |
| Topic 4 | <ul style="list-style-type: none"> Consume Workflows: This domain targets Software Developers and Quality Assurance Engineers and focuses on interpreting workflow runs and their outcomes. It covers identifying triggering events, reading workflow configurations, troubleshooting failures by analyzing logs, enabling debug logging, managing environment variables, caching dependencies, and passing data between jobs. Candidates also manage workflow runs, artifacts, approvals, and status badges, as well as locating workflows within repositories and leveraging organizational templated workflows. |

>> Training GH-200 Tools <<

2026 Microsoft Updated GH-200: Training GitHub Actions Tools

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Microsoft GitHub Actions Sample Questions (Q61-Q66):

NEW QUESTION # 61

Which choices represent best practices for publishing actions so that they can be consumed reliably? (Each correct answer presents a complete solution. Choose two.)

- A. tag
- B. organization name
- C. repo name
- D. commit SHA
- E. default branch

Answer: A,D

Explanation:

Security practices for writing workflows and using GitHub Actions features.

You can help mitigate this risk by following these good practices:

[B] Pin actions to a full-length commit SHA

Pinning an action to a full-length commit SHA is currently the only way to use an action as an immutable release. Pinning to a particular SHA helps mitigate the risk of a bad actor adding a backdoor to the action's repository, as they would need to generate a SHA-1 collision for a valid Git object payload. When selecting a SHA, you should verify it is from the action's repository and not a repository fork.

[D] Pin actions to a tag only if you trust the creator

Although pinning to a commit SHA is the most secure option, specifying a tag is more convenient and is widely used. If you'd like to specify a tag, then be sure that you trust the action's creators.

The 'Verified creator' badge on GitHub Marketplace is a useful signal, as it indicates that the action was written by a team whose identity has been verified by GitHub. Note that there is risk to this approach even if you trust the author, because a tag can be moved or deleted if a bad actor gains access to the repository storing the action.

Reference:

<https://docs.github.com/en/actions/reference/security/secure-use>

NEW QUESTION # 62

When should you use the GITHUB_TOKEN in a workflow?

- A. when you want to access repository-level secrets
- **B. when you want to make authenticated calls to the GitHub API**
- C. when you want to call an action from the marketplace
- D. when you want to connect to the runner via SSH

Answer: B

Explanation:

Use GITHUB_TOKEN for authentication in workflows

At the start of each workflow job, GitHub automatically creates a unique GITHUB_TOKEN secret to use in your workflow. You can use the GITHUB_TOKEN to authenticate in the workflow job.

Reference:

https://docs.github.com/en/actions/tutorials/authenticate-with-github_token

NEW QUESTION # 63

Which action type should be used to bundle a series of run steps into a reusable custom action?

- A. Docker container action
- B. Bash script action
- **C. Composite action**
- D. JavaScript action

Answer: C

Explanation:

A composite action allows you to bundle multiple steps into a single reusable action within a workflow. It is composed of multiple run steps or other actions and can be reused across workflows, making it the perfect choice for bundling a series of steps.

NEW QUESTION # 64

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

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

Answer: C

Explanation:

GITHUB_ACTOR : The name of the person or app that initiated the workflow.

Reference:

<https://graphite.dev/guides/github-actions-variables>

GITHUB_ACTOR : The name of the person or app that initiated the workflow.

NEW QUESTION # 65

What is the most suitable action type for a custom action written in TypeScript?

- A. Docker container action
- B. composite run step
- C. Bash script action
- **D. JavaScript action**

Answer: D

Explanation:

Example: Build your custom GitHub Action

To build your action, run npm run bundle. This will compile the TypeScript code in the src/ directory and output the JavaScript code in the dist/ directory. The exact command for bundle is defined in the package.json file.

Note: About custom actions

Actions are individual tasks that you can combine to create jobs and customize your workflow. Y Types of action You can build Docker container, JavaScript, and composite actions.

Reference:

<https://victoronsoftware.com/posts/typescript-github-action/>

<https://docs.github.com/en/actions/concepts/workflows-and-actions/custom-actions>

NEW QUESTION # 66

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