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Our company has always been following the trend of the GH-200 certification. Our research and development team not only study what questions will come up in the GH-200 exam. The content of our GH-200 practice materials is chosen so carefully that all the questions for the exam are contained. And our study materials have three formats which help you to read, test and study anytime, anywhere. This means with our products you can prepare for exams efficiently. If you desire a GH-200 Certification, our products are your best choice.

Microsoft GH-200 Exam Syllabus Topics:

Topic	Details
Topic 1	• 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	• 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	• 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.

Topic 4	• 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.
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>> Practice GH-200 Exam Fee <<

Practice GH-200 Exam Fee Free PDF | Professional GH-200 Latest Exam Guide: GitHub Actions

The GitHub Actions (GH-200) certification has become a basic requirement to advance rapidly in the information technology sector. Since GitHub Actions (GH-200) actual dumps are vital to prepare quickly for the examination. Therefore, you will need them if you desire to ace the GitHub Actions (GH-200) exam in a short time.

Microsoft GitHub Actions Sample Questions (Q60-Q65):

NEW QUESTION # 60

Which of the following is the lowest repository permission you need to have for downloading workflow artifacts?

- A. Admin
- B. Read
- C. Triage
- D. Maintain
- E. Write

Answer: B

Explanation:

Downloading workflow artifacts

You can download archived artifacts before they automatically expire.

Who can use this feature?

People who are signed into GitHub and have read access to a repository can download workflow artifacts.

Reference:

<https://docs.github.com/en/actions/how-tos/manage-workflow-runs/download-workflow-artifacts>

NEW QUESTION # 61

As a developer, how should you enable step debug logging for a workflow?

- A. Use the --actions-step-debug flag when calling the workflow.
- B. Set the `ACTIONS_STEP_DEBUG` secret or variable at the repository level to true.
- C. Include the following code block in your workflow:
defaults:
ACTIONS_STEP_DEBUG: true
- D. Include the following code block in your workflow:
env:
ACTIONS_STEP_DEBUG: true

Answer: B

Explanation:

Enabling debug logging

If the workflow logs do not provide enough detail to diagnose why a workflow, job, or step is not working as expected, you can enable additional debug logging.

Enabling step debug logging

Step debug logging increases the verbosity of a job's logs during and after a job's execution.

1. To enable step debug logging, set the following secret or variable in the repository that contains the workflow: `ACTIONS_STEP_DEBUG` to true. If both the secret and variable are set, the value of the secret takes precedence over the variable.
 2. After setting the secret or variable, more debug events are shown in the step logs.
- Reference:
<https://docs.github.com/en/actions/how-tos/monitor-workflows/enable-debug-logging>

NEW QUESTION # 62

Which of the following scenarios requires a developer to explicitly use the `GITHUB_TOKEN` or `github.token` secret within a workflow? (Choose two.)

- A. assigning non-default permissions to the `GITHUB_TOKEN`
- B. making an authenticated GitHub API request
- C. passing the `GITHUB_TOKEN` secret to an action that requires a token as an input
- D. checking out source code with the `actions/checkout@v3` action

Answer: B,C

Explanation:

[A] Some actions may require a `GITHUB_TOKEN` as an input to authenticate and perform specific tasks, such as creating issues, commenting on pull requests, or interacting with the GitHub API. In such cases, you would need to explicitly pass the token to the action.

[B] When making an authenticated GitHub API request, the `GITHUB_TOKEN` is required to authenticate the request. This token is automatically provided by GitHub in the workflow, and it must be explicitly used when interacting with the GitHub API.

Note: You can use the `GITHUB_TOKEN` to make authenticated API calls. This example workflow creates an issue using the GitHub REST API:

Reference:

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

NEW QUESTION # 63

What is the right method to ensure users approve a workflow before the next step proceeds?

- A. granting users repository approval permissions
- B. adding users as required reviewers for an environment
- C. granting users workflow approval permissions
- D. creating a branch protection rule and only allow certain users access

Answer: B

Explanation:

GitHub Actions allows you to configure environment protection rules, where you can require specific users or teams to approve the deployment before the workflow proceeds to the next step. This ensures that the required reviewers approve the workflow before any sensitive actions (such as deployment) occur.

NEW QUESTION # 64

How should you print a debug message in your workflow?

- A. `echo "debug_message=Set variable myVariable to true" >> &GITHUB_OUTPUT`
- B. `echo "::debug::Set variable myVariable to true"`
- C. `echo "::add-mask::Set variable myVariable to true"`
- D. `echo "Set variable MyVariable to true" >> $DEBUG_MESSAGE`

Answer: B

Explanation:

Example: Setting a debug message

`echo "::debug::Set the Octocat variable"`

Reference:

