



Vendor: Microsoft

Exam Code: GH-600

Exam Name: Developing in Agentic AI Systems

Version: DEMO

QUESTION 1

You need finer control, selecting specific files and describing precise natural-language changes to apply, rather than letting the agent decide the full scope of changes. Which Copilot Chat mode should you use?

- A. Agent mode
- B. Edit mode
- C. Ask mode
- D. Plan mode

Answer: B

Explanation:

Edit mode is designed for targeted, developer-directed changes: you select the files in scope and describe the specific modification, giving you more granular control than the fully autonomous agent mode.

QUESTION 2

An enterprise administrator wants to audit which repositories have had Copilot coding agent-created pull requests over the last 30 days. Where should the administrator look?

- A. .copilotignore file
- B. Organization audit log
- C. copilot-setup-steps.yml
- D. MCP server logs

Answer: B

Explanation:

GitHub's organization/enterprise audit log records agent activity, including pull requests created by the Copilot coding agent, giving administrators visibility for compliance and governance purposes.

QUESTION 3

Hotspot Question

You have the following agent logs.

```
2026-03-19 20:50:35.796 [info] Latest entry: ccreq:latest.copilotmd
2026-03-19 20:50:35.796 [info] ccreq:852dff08.copilotmd | markdown
2026-03-19 20:50:47.919 [info] message 0 returned. finish reason: [stop]
2026-03-19 20:50:47.921 [info] request done: requestId: [9ce8eb0c-6df0-46c3-b5fe-0944cdab974d] model deployment ID: []
2026-03-19 20:50:47.922 [info] ccreq:9d5464cd.copilotmd | success | gpt-4o-mini -> gpt-4o-mini-2024-07-18 | 469ms | [copilotLanguageModelWrapper]
2026-03-19 20:52:22.276 [info] message 0 returned. finish reason: [stop]
2026-03-19 20:52:22.282 [info] request done: requestId: [35e76faf-8e9f-4ae4-af05-67d253879f6e] model deployment ID: []
2026-03-19 20:52:22.286 [info] ccreq:c4f325bf.copilotmd | success | gpt-4o-mini-2024-07-18 | 480ms | [title]
2026-03-19 20:52:22.573 [info] message 0 returned. finish reason: [stop]
2026-03-19 20:52:22.577 [info] request done: requestId: [a5db6877-13dc-488c-bfd5-5b1b483e86d2] model deployment ID: []
2026-03-19 20:52:22.581 [info] ccreq:c20009d5.copilotmd | success | gpt-4o-mini-2024-07-18 | 773ms | [progressMessages]
2026-03-19 20:52:22.653 [info] message 0 returned. finish reason: [stop]
2026-03-19 20:52:22.655 [info] request done: requestId: [915aaf76-fa4c-4a41-8ea2-cd2c1ca93ad3] model deployment ID: []
2026-03-19 20:52:22.655 [info] ccreq:1c805fcd.copilotmd | success | gpt-4o-mini-2024-07-18 | 846ms | [progressMessages]
2026-03-19 20:52:30.530 [info] ccreq:ffe1d495.copilotmd | success | gpt-5.3-codex | 8533ms | [panel/editAgent]
2026-03-19 20:52:35.563 [info] ccreq:2f500477.copilotmd | success | gpt-5.3-codex | 4892ms | [panel/editAgent]
2026-03-19 20:52:42.692 [info] ccreq:ecd182f4.copilotmd | success | gpt-5.3-codex | 6983ms | [panel/editAgent]
```

For each of the following statements, select Yes if the statement is true. Otherwise, select No.

NOTE: Each correct selection is worth one point.

Answer Area

Statements	Yes	No
[Statement_2] The agent responded with messages.	☐	☐
[Statement_3] The agent can edit files in the repository.	☐	☐
[Statement_1] The agent analyzed files in the repository.	☐	☐

Answer:

Answer Area

Statements	Yes	No
[Statement_2] The agent responded with messages.	☒	☐
[Statement_3] The agent can edit files in the repository.	☒	☐
[Statement_1] The agent analyzed files in the repository.	☒	☐

Explanation:

Box 1: Yes

Yes, the agent did respond with messages.

Markdown Message: The log ccreq:XXX.copilotmd | markdown message 0 returned: finish reason: [stop] indicates that a text-based markdown response was successfully generated and completed.

Language Model Output: The log ccreq:XXX.copilotmd shows the core language model (gpt-4o-mini) completed its request, delivering the main content of the message.

Box 2: Yes

Based on the log entries provided, yes, the agent can edit files in the repository.

Evidence from the LogsTargeted Component: The final three log entries explicitly target the component [panel/editAgent].

Model Selection: For these specific tasks, the system switches from standard conversational models (gpt-4o-mini) to a specialized code-generation model: gpt-5.3-codex.

Processing Time: These operations take significantly longer than standard chat generation, which is characteristic of complex code-parsing and file-modification tasks.

Box 3: Yes

Based on the log entries provided, yes, the agent analyzed files in the repository.

Action Type: The final three entries explicitly call the [panel/editAgent] capability.

Model Used: These actions utilized the gpt-5.3-codex model, which is specialized for codebases.

Operation Duration: The execution times were significantly longer.

Implied Task: Code-generation and editing agents require repository file analysis to perform edits.

Reference:

<https://learn.microsoft.com/en-us/troubleshoot/power-platform/copilot-studio/authoring/error-codes>

QUESTION 4

You have a GitHub repository that uses GitHub Copilot code review on pull requests.

You plan to add repository-wide code review guidance that will apply to all files.

You need Copilot code review to consistently apply the guidance during pull request reviews.

What should you do?

- A. Modify the .github/pull_request_template.md file.
- B. Update the instructions in the .github/agents/*.agent.md files.
- C. Create a .github/instructions/copilot.instructions.md file.
- D. Create a .github/copilot-instructions.md file.

Answer: C

Explanation:

To apply repository-wide code review guidance that consistently impacts all pull request reviews, you must create a .github/copilot-instructions.md file in the root directory of your repository. GitHub Copilot code review automatically ingests this file to use as a persistent checklist for every file change it analyzes.

Reference:

<https://docs.github.com/en/copilot/how-tos/copilot-on-github/customize-copilot/add-custom-instructions/add-repository-instructions>

QUESTION 5

You have a GitHub Enterprise repository that uses the GitHub Copilot coding agent and opens draft pull requests for assigned issues.

Evaluation results show that the agent repeatedly opens pull requests that modify .github/workflows/*.yml to bypass failing checks instead of fixing the underlying code.

You need to ensure that the agent fixes the underlying code instead of bypassing the failing checks.

What should you do?

- A. Start the GitHub Copilot CLI by using --allow-all.
- B. Update .github/copilot-instructions.md.

- C. Create a branch ruleset.
- D. Disable GitHub Actions workflows for pull requests created by the agent.

Answer: C

Explanation:

To prevent the GitHub Copilot coding agent from modifying your workflow files, you should configure GitHub branch protection rules or repository rulesets to restrict modifications to the `.github/workflows/` directory.

You should create a branch ruleset.

Creating a branch ruleset with a "Restrict file paths" rule is the most effective solution. By blocking any pull request from modifying `.github/workflows/*`, you force the agent to find solutions within the codebase rather than altering the CI/CD pipeline.

Reference:

<https://docs.github.com/en/copilot/how-tos/use-copilot-agents/cloud-agent/troubleshoot-cloud-agent>

QUESTION 6

You use a GitHub Actions workflow to orchestrate a multi-agent draft-review process for pull requests. The workflow uploads a single combined review-package artifact at the end of each run.

You discover that the review-package artifact is occasionally missing from the workflow run history, and you suspect that a user deleted it.

You need to identify which user manually deleted a workflow run artifact and when the deletion occurred.

What should you use?

- A. the `checks.delete_logs` audit log event
- B. the pull request description and comment history
- C. the merge commit history
- D. the `artifact.destroy` audit log event

Answer: D

Explanation:

You should check the `artifact.destroy` audit log event.

This specific event tracks whenever a user or a token manually deletes a workflow run artifact. It provides exactly what you need to troubleshoot why your multi-agent review packages are disappearing.

Reference:

<https://docs.github.com/en/organizations/managing-organization-settings/configuring-the-retention-period-for-github-actions-artifacts-and-logs-in-your-organization>

QUESTION 7

You have a GitHub Enterprise Cloud Organization that uses the GitHub Copilot coding agent.

Copilot creates a draft pull request for an assigned issue, and the pull request timeline shows Copilot started work.

After 70 minutes, the agent session log stops updating, and the pull request body status stops changing.

You need to restart the agent so that it continues the task from the issue context and produces new commits to the existing draft pull request.

What should you do?

- A. Wait for the agent to complete.
- B. Merge the draft pull request and mention @copilot on the merged pull request.
- C. Unassign the issue from Copilot, and then reassign the issue to Copilot.
- D. Select Approve and run workflows in the pull request merge box.

Answer: C

Explanation:

To restart the background session and force the agent to resume its task, unassign the issue from GitHub Copilot and then reassign it to Copilot.

This specific operational cycle terminates the frozen cloud background process and launches a fresh agent session. Because a draft pull request already exists and is bound to the issue context, the newly initiated session automatically detects the linked branch, picks up the previous implementation plan, and begins pushing new commits directly to that existing draft PR.

Reference:

<https://docs.github.com/en/copilot/how-tos/use-copilot-agents/cloud-agent/troubleshoot-cloud-agent>

QUESTION 8

You have a GitHub Enterprise Cloud Organization that uses a custom coding agent to run GitHub Actions workflows that create branches, open pull requests, and merge changes after required checks pass.

You need to log all agent-initiated actions and ensure that the logs are retained for two years.

What should you do?

- A. Configure audit log retention.
- B. Enable log forwarding.
- C. Enable Git events in the audit log.
- D. Configure audit log streaming to Azure Event Hubs.

Answer: D

Explanation:

To ensure all agent-initiated actions are preserved for two years, you must configure GitHub audit log streaming to an external log management platform or cloud storage provider.

By default, GitHub Enterprise Cloud only retains audit logs for 180 days and Git events for 7 days. Because the custom agent performs high-level platform modifications (such as branch creation, opening pull requests, and merges), native retention is insufficient. External streaming is the standard, secure way to enforce long-term compliance.

Reference:

<https://docs.github.com/en/enterprise-cloud@latest/admin/monitoring-activity-in-your->

enterprise/reviewing-audit-logs-for-your-enterprise/streaming-the-audit-log-for-your-enterprise

QUESTION 9

You have multiple GitHub Copilot coding agents that run tasks concurrently.

You live stream the session log output and see the following.

```
* agent-execution (ID 987654321)
Run ./scripts/agent-run.sh
-----
[agent] Starting task: Clean up infra configs
[agent] Executing step: Remove unused files
rm -rf /infra
Error: Command blocked by policy
Reason: destructive_operation_detected
[agent] Escalating to human review...
X Run agent task
X Process completed with exit code 1
X agent-execution failed
```

What is a possible cause of the error?

- A. a postToolUse hook
- B. a GitHub app installation policy
- C. a preToolUse hook
- D. a Copilot firewall policy

Answer: C

Explanation:

In GitHub Copilot Extensions and Agent frameworks (such as the GitHub Copilot Chat architecture), preToolUse hooks are explicitly designed to intercept, evaluate, and validate a tool's arguments before the agent executes the underlying command or function. Because the agent attempted to execute `rm -rf /infra` and was immediately blocked with a specific `destructive_operation_detected` reason, a preToolUse lifecycle hook intercepted the function call, identified the risk, and rejected the execution before the system could actually run the command.

Reference:

<https://docs.github.com/en/copilot/how-tos/copilot-on-github/use-copilot-agents/manage-and-track-agents>

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