

PRACTICE QUESTIONS

Microsoft

AZ-400

Designing and Implementing Microsoft DevOps Solutions

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EDITION	Free Set 2
QUESTIONS	10
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EXAM	Microsoft AZ-400, Designing and Implementing Microsoft DevOps Solutions

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10 practice questions for the Microsoft AZ-400 exam, Designing and Implementing Microsoft DevOps Solutions, each followed by its answer and a short explanation. More free sets and the full practice exam: www.aiexamcerts.com/microsoft/az-400. Spotted a mistake? Email support@aiexamcerts.com with the exam code AZ-400 and the question number.

1. Which Azure Pipelines setting makes a job run only when a previous stage succeeded and the branch is main?

- A A variable group that stores the branch name
- B A pipeline resource
- C A deployment group tag
- D A condition on the stage or job

Answer: D

Conditions on stages and jobs control whether they run, based on dependency results and values such as the branch name. Variable groups and resources supply data, and deployment group tags select targets.

2. A deployment identity that uses a managed identity avoids storing a client secret in the pipeline.

- A True
- B False

Answer: A (True)

A managed identity has no secret that the team must store or rotate, so it removes a common leak path. The identity is still limited by the role assignments it holds.

3. Which YAML keyword lets one pipeline use a template or code from another repository by reference?

- A pool: vmlImage on the Ubuntu hosted agent pool
- B resources: repositories
- C variables: group
- D trigger: none

Answer: B

The repositories section under resources declares another repo that the pipeline can check out and reference. The pool, variables and trigger keywords configure agents, values and triggering for the current repo only.

4. The Azure DevOps dashboard widget that shows the number of open bugs by state is commonly built from a work item _____.

Answer: query

Work item queries filter items by field values, and dashboard widgets such as query tiles display their counts. Teams save the query and reuse it across dashboards.

5. Which two controls reduce the risk of a compromised developer account pushing malicious code? (Choose two.)
- A Sharing one account among the team
 - B Multi-factor authentication through Conditional Access
 - C Disabling audit logging
 - D Giving every developer Owner on production
 - E Branch policies requiring review from a second person

Answer: B, E

MFA makes account takeover harder, and required review means malicious changes need a second approval. Shared accounts, disabled audit logs and broad production rights each increase the risk.

6. A team uses a Kusto query to chart failed requests per hour. Which operator groups the results by hour for that chart?
- A join on work item ID
 - B project-away
 - C bin() inside summarize
 - D union with the test plan

Answer: C

Using bin on a timestamp inside summarize groups rows into hourly buckets for counting. Join, project-away and union do not perform time bucketing, and work item IDs are not part of log tables.

7. Which Application Insights feature runs a set of web tests from several locations to see whether a site is up?
- A Work item queries that list open bugs for the sprint
 - B Pipeline caching
 - C Availability tests
 - D Feed views

Answer: C

Availability tests send requests from multiple global locations and alert when the site is unreachable or slow. Work items, pipeline caching and feeds do not monitor site availability.

8. Azure Test Plans cannot link manual test cases to user stories, so requirement coverage has to be tracked outside the service.
- A True
 - B False

Answer: B (False)

Test Plans links test cases to requirements such as user stories, and that link is how coverage is shown. Tracking coverage in a separate spreadsheet is the workaround the statement describes, and it is unnecessary when Test Plans is used.

9. Which Azure Repos feature completes a pull request automatically once all branch policies pass?
- A Manual merge with no policies
 - B Force push
 - C Auto-complete
 - D Cherry-pick

Answer: C

Auto-complete merges the pull request as soon as required reviewers, builds and checks have passed, which saves a manual step. Manual merges depend on someone remembering to act, and force push and cherry-pick are Git operations that do not complete reviews.

10. A team wants a shared, reviewed code change to be undone in production without rewriting history. Which Git command creates the undo commit?
- A `git revert`
 - B `git reset --hard` on the main branch
 - C `git push --force`
 - D `git rebase -i` on main

Answer: A

`git revert` adds a new commit that inverts the earlier change, keeping shared history intact. Hard reset and force push rewrite shared history, which breaks collaborators, and interactive rebase is for editing unpushed commits.