GITLAB CERTIFIED ASSOCIATE PRACTICE EXAM (SAMPLE)

STUDY GUIDE



SAMPLE STUDY GUIDE WITH LIMITED QUESTIONS

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https://gitlabcertifiedassoc.examzify.com

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Introduction

Preparing for a certification exam can feel overwhelming, but with the right tools, it becomes an opportunity to build confidence, sharpen your skills, and move one step closer to your goals. At Examzify, we believe that effective exam preparation isn't just about memorization, it's about understanding the material, identifying knowledge gaps, and building the test-taking strategies that lead to success.

This guide was designed to help you do exactly that.

Whether you're preparing for a licensing exam, professional certification, or entry-level qualification, this book offers structured practice to reinforce key concepts. You'll find a wide range of multiple-choice questions, each followed by clear explanations to help you understand not just the right answer, but why it's correct.

The content in this guide is based on real-world exam objectives and aligned with the types of questions and topics commonly found on official tests. It's ideal for learners who want to:

- Practice answering questions under realistic conditions,
- Improve accuracy and speed,
- Review explanations to strengthen weak areas, and
- Approach the exam with greater confidence.

We recommend using this book not as a stand-alone study tool, but alongside other resources like flashcards, textbooks, or hands-on training. For best results, we recommend working through each question, reflecting on the explanation provided, and revisiting the topics that challenge you most.

Remember: successful test preparation isn't about getting every question right the first time, it's about learning from your mistakes and improving over time. Stay focused, trust the process, and know that every page you turn brings you closer to success.

Let's begin.

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How to Use This Guide

This guide is designed to help you study more effectively and approach your exam with confidence. Whether you're reviewing for the first time or doing a final refresh, here's how to get the most out of your Examzify study guide:

1. Start with a Diagnostic Review

Skim through the questions to get a sense of what you know and what you need to focus on. Your goal is to identify knowledge gaps early.

2. Study in Short, Focused Sessions

Break your study time into manageable blocks (e.g. 30 – 45 minutes). Review a handful of questions, reflect on the explanations.

3. Learn from the Explanations

After answering a question, always read the explanation, even if you got it right. It reinforces key points, corrects misunderstandings, and teaches subtle distinctions between similar answers.

4. Track Your Progress

Use bookmarks or notes (if reading digitally) to mark difficult questions. Revisit these regularly and track improvements over time.

5. Simulate the Real Exam

Once you're comfortable, try taking a full set of questions without pausing. Set a timer and simulate test-day conditions to build confidence and time management skills.

6. Repeat and Review

Don't just study once, repetition builds retention. Re-attempt questions after a few days and revisit explanations to reinforce learning. Pair this guide with other Examzify tools like flashcards, and digital practice tests to strengthen your preparation across formats.

There's no single right way to study, but consistent, thoughtful effort always wins. Use this guide flexibly, adapt the tips above to fit your pace and learning style. You've got this!

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Questions

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1. What is the purpose of the GitLab Audit Event feature?

A. To track project expenses

B. To manage user access controls

C. To provide visibility into changes for security and compliance

D. To create deployment logs

2. What method can be used to combine multiple commits into one in GitLab?

A. Pushing changes directly

B. Squash locally

C. Forking the repository

D. Creating a new branch

3. Which scanning method identifies potential license compliance issues?

A. Dependency Scanning

B. Container Scanning

C. Security Test Scanning

D. Code Quality Checking

4. How many child epics can a single epic have in GitLab?

A. Five

B. Six

C. Seven

D. Eight

5. Which benefit of GitLab CI/CD focuses on immediate detection of issues?

A. Increased Efficiency

B. Error Detection

C. Better Feedback Processes

D. Release Stages

6. Which of the following is NOT a function of the Kanban board?

A. Visualizing tasks

B. Tracking team performance

C. Managing workflow

D. Prioritizing tasks

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7. What is the purpose of the GitLab Package Registry?

A. To store temporary build logs

B. To manage user permissions

C. To store packages and dependencies

D. To run CI/CD pipelines

8. What is a primary advantage of using wikis in GitLab?

A. They keep documentation separate from the codebase

B. They allow for unlimited storage space

C. They enable offline editing capabilities

D. They integrate directly with third-party applications

9. What should be done if it is difficult to remove files from an image?

A. Ignore the issue

B. Use a different scanner

C. Compress files using Zstandard

D. Increase image size limits

10. What ensures that every change in GitLab is releasable?

A. A structured deployment pipeline

B. Frequent code reviews

C. Continuous testing of performance metrics

D. Regular team meetings

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Answers

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1. C
2. B
3. A
4. C
5. B
6. B
7. C
8. A
9. C
10. A

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Explanations

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1. What is the purpose of the GitLab Audit Event feature?

A. To track project expenses

B. To manage user access controls

C. To provide visibility into changes for security and compliance

D. To create deployment logs

The purpose of the GitLab Audit Event feature is to provide visibility into changes for security and compliance. This feature enables organizations to monitor and log various activities within their GitLab instance, which is essential for ensuring accountability and compliance with internal policies or external regulations. By capturing and reviewing audit events, teams can track who made changes, what changes were made, and when these changes occurred, facilitating a better understanding of user actions within the system. This visibility is crucial for identifying potential security risks and ensuring that appropriate measures are in place to protect sensitive information and maintain compliance with industry standards. This focus on security and compliance ensures that organizations can effectively manage risks associated with their development process and maintain a thorough audit trail necessary for audits and regulatory requirements.

2. What method can be used to combine multiple commits into one in GitLab?

A. Pushing changes directly

B. Squash locally

C. Forking the repository

D. Creating a new branch

Combining multiple commits into one is a process known as squashing. This technique is useful when you want to create a cleaner commit history by merging several changes into a single, cohesive commit. By squashing, you can effectively consolidate work done in multiple commits, making it easier for others reviewing the history to understand the significant changes made. Squashing is typically performed using Git's rebase command. When you use the interactive rebase feature (`git rebase -i`), it allows you to choose which commits to squash into the previous commit, enabling you to rewrite the commit history. This approach is particularly advantageous when you want to simplify the commit log before merging a feature branch into the main branch in GitLab. It helps in maintaining a tidy history that reflects the project's evolution more clearly and allows for easier code reviews. In contrast, pushing changes directly would not combine commits but rather upload them to the remote repository as they are. Forking the repository refers to creating a copy of the repository rather than modifying commit history, and creating a new branch is a way to begin new development on a separate line of work rather than modifying existing commits. Therefore, squashing commits locally is the most effective method for the task at hand.

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3. Which scanning method identifies potential license compliance issues?

A. Dependency Scanning

B. Container Scanning

C. Security Test Scanning

D. Code Quality Checking

Dependency scanning is the correct choice for identifying potential license compliance issues because it analyzes the dependencies within a project to determine if any of them have licenses that may not be compatible with the project's license or could pose legal risks. This scanning method automatically checks the various third-party libraries and packages used in the project, providing insights into licensing obligations and potential conflicts. The process involves examining the metadata associated with these dependencies, which includes details about the license under which each dependency is distributed. By doing so, dependency scanning helps developers understand their legal responsibilities concerning open-source software, ensuring that the project remains compliant with relevant licensing requirements. This proactive approach can save organizations from potential legal issues that might arise from improper license usage. Other methods such as container scanning focus more on security vulnerabilities within container images rather than license compliance, while security test scanning assesses overall security flaws and code quality checking evaluates the standard and maintainability of the code itself. Thus, dependency scanning stands out as the specific method for addressing license compliance concerns.

4. How many child epics can a single epic have in GitLab?

A. Five

B. Six

C. Seven

D. Eight

In GitLab, an epic is a way to organize and manage related issues and smaller tasks within a larger project framework. Regarding the number of child epics that a single epic can have, GitLab allows for a flexible project management structure. Specifically, a single epic can have up to seven child epics. This capability enables teams to create a more granular hierarchy within their project's planning and execution phases. Seven child epics provide ample room for categorizing and managing related work efficiently while ensuring that complex objectives can be broken down into manageable parts. This hierarchical organization is essential for improving visibility and tracking progress on related tasks. Understanding the structure of epics and child epics in GitLab is crucial for effective project management and collaboration among team members.

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5. Which benefit of GitLab CI/CD focuses on immediate detection of issues?

A. Increased Efficiency

B. Error Detection

C. Better Feedback Processes

D. Release Stages

The benefit of GitLab CI/CD that emphasizes immediate detection of issues is indeed focused on error detection. This aspect is crucial in software development as it allows developers to identify and fix problems early in the process. By continuously integrating and deploying code, GitLab CI/CD automatically tests changes as soon as they are made. This means that any issues related to new code can be caught right away, rather than being discovered later in the development cycle or even after deployment. This immediate feedback enhances the overall quality of the software and reduces the time spent on debugging and fixing errors post-deployment, ultimately contributing to a more efficient development process. In contrast, increased efficiency refers to the optimization of workflows and processes, and while it may indirectly support error detection, it does not specifically address the immediate identification of issues. Better feedback processes improve communication among team members but are not solely focused on error detection either. Release stages pertain to the different steps in the deployment pipeline and serve to organize how changes move through the development lifecycle but do not specifically highlight the immediate identification of problems with the code. Thus, error detection is the key benefit that aligns with the prompt concerning the quick identification of issues in GitLab CI/CD.

6. Which of the following is NOT a function of the Kanban board?

A. Visualizing tasks

B. Tracking team performance

C. Managing workflow

D. Prioritizing tasks

The Kanban board is a widely used tool in Agile project management that visually represents tasks and their progress through different stages of a workflow. The primary purpose of a Kanban board revolves around visualizing tasks, managing workflow, and helping teams prioritize work. Visualizing tasks allows team members to see at a glance the current status of work items, which enhances communication and fosters collaboration. Managing workflow is a core function of a Kanban board. It provides a systematic way to allow work to flow from one step to another, ensuring that tasks are completed efficiently and that bottlenecks can be identified and addressed quickly. Prioritizing tasks is also supported by the Kanban board, as teams can arrange tasks based on urgency or importance to ensure that high-priority items receive attention first. Tracking team performance is not an inherent function of a Kanban board. While the board can indirectly support performance tracking by making bottlenecks visible and enabling reflections during retrospectives, it doesn't directly measure team performance metrics like velocity or throughput. These metrics typically require additional tools or practices beyond the immediate scope of a Kanban board. Thus, it's accurate to say that tracking team performance is not a function central to the Kanban board's purpose.

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7. What is the purpose of the GitLab Package Registry?

A. To store temporary build logs

B. To manage user permissions

C. To store packages and dependencies

D. To run CI/CD pipelines

The GitLab Package Registry serves as a central location for developers to store and manage software packages and their dependencies. It supports various package formats, allowing teams to publish, share, and reuse packages across different projects. This enhances the development process by enabling a more efficient way to handle software dependencies, ensuring teams can easily access, version, and maintain the packages they rely on for their applications. By using the Package Registry, teams can help streamline their workflows, as it integrates smoothly with GitLab's CI/CD pipelines, making it easier to automate the publishing and management of project dependencies. This centralized approach not only improves collaboration but also promotes consistency in the packages used across different stages of development.

8. What is a primary advantage of using wikis in GitLab?

A. They keep documentation separate from the codebase

B. They allow for unlimited storage space

C. They enable offline editing capabilities

D. They integrate directly with third-party applications

Using wikis in GitLab offers a primary advantage of keeping documentation separate from the codebase. This separation allows teams to maintain a clear distinction between their project's documentation and its source code, facilitating better organization and access to information. When documentation is not intermingled with code, it becomes easier for team members and stakeholders to find relevant information without navigating through the codebase. This structure enhances collaboration, as team members can contribute to documentation without the need to alter code directly. It also allows for easier updates and management of documentation content, ensuring that it is always up to date and accessible to those who need it. Overall, utilizing wikis fosters a more efficient workflow and improves communication among team members, which is crucial in software development. Other options, such as offering unlimited storage space or enabling offline editing capabilities, do not accurately represent the primary advantages of GitLab wikis. Similarly, while integration with third-party applications could be beneficial, it is not the core feature of GitLab wikis that distinguishes them in the context of documentation management.

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9. What should be done if it is difficult to remove files from an image?

A. Ignore the issue

B. Use a different scanner

C. Compress files using Zstandard

D. Increase image size limits

Using compression techniques, such as Zstandard, is an effective way to manage files within an image when removing files proves to be challenging. Compression can help reduce the size of the files and create a more efficient storage system without having to alter or extract the files directly. This approach is particularly useful when you're unable to delete or extract data due to limitations of the tools or methods being employed. Zstandard is a modern compression algorithm that offers a balance between speed and compression ratio, making it suitable for applications with various processing specifications. By compressing the files, you can optimize storage and may even address issues stemming from space constraints. While considering the other options, ignoring the issue does not resolve it and could lead to further complications down the line. Switching scanners might help in specific circumstances, but it does not directly address the underlying file management issue. Increasing image size limits could provide temporary relief, but it is typically not a sustainable solution and might introduce new challenges without actually resolving the difficulty of file management within the image. Compression, on the other hand, offers a direct and practical solution to the problem of handling excessive files effectively.

10. What ensures that every change in GitLab is releasable?

A. A structured deployment pipeline

B. Frequent code reviews

C. Continuous testing of performance metrics

D. Regular team meetings

A structured deployment pipeline is essential for ensuring that every change in GitLab is releasable because it meticulously orchestrates the process of taking code changes from development all the way to production. This pipeline typically includes stages such as build, testing, and deployment, allowing teams to automate and standardize their processes. It ensures that all changes pass through essential quality checks and integration tests before being promoted to production environments. This systematic approach facilitates the quick identification of issues, enhances code quality, and ensures that only code that meets predefined acceptance criteria is shipped, thereby guaranteeing that every change is tested, validated, and releasable. A well-defined pipeline allows for consistent and reliable releases, ultimately supporting continuous delivery practices. While frequent code reviews, continuous testing, and regular team meetings are important practices in software development and project management, they do not, by themselves, ensure that every change is automatically releasable. Code reviews enhance quality by catching issues early, continuous testing provides feedback on code performance, and regular meetings contribute to team coordination, but it's the structured deployment pipeline that directly defines the path and criteria for releasing changes into production.

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Next Steps

Congratulations on reaching the final section of this guide. You've taken a meaningful step toward passing your certification exam and advancing your career.

As you continue preparing, remember that consistent practice, review, and self-reflection are key to success. Make time to revisit difficult topics, simulate exam conditions, and track your progress along the way.

If you need help, have suggestions, or want to share feedback, we'd love to hear from you. Reach out to our team at hello@examzify.com.

Or visit your dedicated course page for more study tools and resources:

https://gitlabcertifiedassoc.examzify.com

We wish you the very best on your exam journey. You've got this!

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