

Datadog Onboarding Practice Exam (Sample)

Study Guide



Everything you need from our exam experts!

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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.

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!

Questions

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- 1. Which statement best describes how RUM contributes to application troubleshooting?**
 - A. It automates error corrections
 - B. It provides visual user journeys
 - C. It eliminates the need for network monitoring
 - D. It focuses solely on backend performance
- 2. The applications that are currently running on your computer are running on which part of your computer?**
 - A. CPU
 - B. Memory (RAM)
 - C. Storage
 - D. Motherboard
- 3. Who are our main synthetic monitoring competitors?**
 - A. Splunk
 - B. AppDynamics
 - C. New Relic
 - D. Sumo Logic
- 4. An example of a custom metric is?**
 - A. System.mem.used
 - B. System.storage.open
 - C. Users.posts.liked
 - D. Trace.query.latency
- 5. Which statement accurately reflects a benefit of synthetic monitoring?**
 - A. It solely focuses on backend performance
 - B. It allows for continuous verification of user experience
 - C. It eliminates the need for real user monitoring
 - D. It is only useful during product launches

- 6. What is the primary goal of using APM tools like Datadog in an organization?**
- A. To improve collaboration among teams
 - B. To analyze and enhance application performance
 - C. To reduce overall IT costs
 - D. To accelerate product release cycles
- 7. What are the estimated log events indexed daily by a company indexing 5TB of logs in Splunk?**
- A. 5 million events
 - B. 50 million events
 - C. 500 million events
 - D. 5 billion events
- 8. Does Standard APM enable you to quickly identify the slowest functions at each endpoint?**
- A. True
 - B. False
 - C. It depends on the configuration
 - D. Only for specific endpoints
- 9. What key aspect makes serverless computing appealing to developers?**
- A. Complete control over hardware
 - B. No need to manage servers
 - C. Guaranteed uptime
 - D. Fixed pricing models
- 10. What is the correct order of log management processes?**
- A. Process, Live Tail, Index, Ingest
 - B. Ingest, Process, Live Tail, Index
 - C. Process, Ingest, Live Tail, Index
 - D. Index, Ingest, Process, Live Tail

Answers

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

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Explanations

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1. Which statement best describes how RUM contributes to application troubleshooting?

- A. It automates error corrections
- B. It provides visual user journeys**
- C. It eliminates the need for network monitoring
- D. It focuses solely on backend performance

RUM, or Real User Monitoring, plays a crucial role in application troubleshooting by providing visual user journeys. This capability allows developers and operations teams to observe how real users interact with their applications in real-time. By visualizing these user journeys, teams can identify performance bottlenecks, understand user behavior, and pinpoint specific areas within the application that may need optimization or fixing. Visual user journeys are essential for troubleshooting because they help teams to see the sequence of events that users experience. This insight can reveal patterns such as frequent errors that arise during particular interactions or slow loading times that negatively impact user satisfaction. Thus, having a clear visual representation of user actions and application responses enables teams to make informed decisions about where to focus their troubleshooting efforts, ensuring a better overall user experience. The other options suggest alternatives to the contributions of RUM in application troubleshooting, but they do not capture the essence of how RUM supports teams in understanding the user's journey and experience within the application.

2. The applications that are currently running on your computer are running on which part of your computer?

- A. CPU
- B. Memory (RAM)**
- C. Storage
- D. Motherboard

The correct answer is memory (RAM) because it serves as the temporary storage space that allows your computer's processor to access data and execute programs quickly. When applications are running, they load necessary components and data into RAM from the storage device, enabling efficient access and processing. Memory is critical for the performance of applications, as it provides the workspace needed for the CPU to perform calculations and manage tasks. A computer can retrieve data from RAM much faster than from storage, which is why active applications rely heavily on it. Storage, such as hard drives or solid-state drives, retains information long-term but does not deliver the speed required for ongoing operations. While the CPU is responsible for processing the instructions of applications, it relies on memory to perform those tasks efficiently. The motherboard acts as the main circuit board connecting the CPU, RAM, and storage but does not directly run applications itself. Therefore, the role of memory is essential in the context of actively running applications on your computer.

3. Who are our main synthetic monitoring competitors?

- A. Splunk
- B. AppDynamics**
- C. New Relic
- D. Sumo Logic

AppDynamics is recognized as a principal competitor in synthetic monitoring, primarily due to its focus on application performance management (APM) and user experience monitoring. The company provides tools that facilitate the proactive monitoring of applications to ensure optimal performance and user satisfaction. Synthetic monitoring is a key area where AppDynamics excels, allowing users to conduct regular simulations of user interactions within applications, thereby identifying issues before they affect real users. In the context of synthetic monitoring, the other options may not be primarily centered around the same capabilities. Splunk focuses heavily on data analytics and log management, while New Relic, while also a competitor in APM, has a broader suite of monitoring solutions beyond just synthetic monitoring. Sumo Logic primarily concentrates on log management and analytics rather than offering dedicated synthetic monitoring solutions. Therefore, AppDynamics stands out in this specific domain as a direct competitor within the synthetic monitoring landscape.

4. An example of a custom metric is?

- A. System.mem.used
- B. System.storage.open
- C. Users.posts.liked**
- D. Trace.query.latency

A custom metric refers to a metric that is defined and used specifically for the unique needs or characteristics of a particular application or service. In the case of the provided example, "Users.posts.liked" is a custom metric that implies tracking a specific user interaction within the context of an application, likely a social media platform or similar service. This metric is tailored to specific business logic and user behavior, emphasizing user engagement within the application. It reflects the application's unique data, which is critical for monitoring, analyzing user activity, and driving insights relevant to that particular application or service. The other options represent system-level or infrastructure metrics typically provided by Datadog out-of-the-box. These metrics, such as memory usage or storage statistics, are useful for monitoring the overall health and performance of a system but do not represent custom measurements defined by the user for specific business needs. This distinction highlights the significance of "Users.posts.liked" as a tailored metric integral to understanding user engagement in a specific context.

5. Which statement accurately reflects a benefit of synthetic monitoring?

- A. It solely focuses on backend performance
- B. It allows for continuous verification of user experience**
- C. It eliminates the need for real user monitoring
- D. It is only useful during product launches

Synthetic monitoring plays a crucial role in ensuring the quality of user experience by simulating user interactions with applications or websites. This monitoring approach allows organizations to continuously test and verify how their applications behave from a user's perspective. By proactively conducting these simulated tests, businesses can identify performance issues, availability concerns, and other potential problems before they impact real users. This method is advantageous because it helps teams anticipate and resolve issues that could degrade the user experience, thereby maintaining application performance and reliability over time. Continuous verification through synthetic monitoring enables teams to gather performance metrics, track response times, and assess functionality across different locations and devices, leading to an overall enhancement in user satisfaction. In contrast, focusing solely on backend performance does not consider the holistic user experience. Eliminating real user monitoring would be misguided since both synthetic monitoring and real user monitoring complement each other—real user monitoring provides insights based on actual end-user behavior. Additionally, relying solely on synthetic monitoring during specific events, like product launches, limits its valuable continuous insights applicable throughout the application lifecycle.

6. What is the primary goal of using APM tools like Datadog in an organization?

- A. To improve collaboration among teams
- B. To analyze and enhance application performance**
- C. To reduce overall IT costs
- D. To accelerate product release cycles

The primary goal of using APM (Application Performance Monitoring) tools like Datadog in an organization is to analyze and enhance application performance. APM tools are designed to provide deep visibility into the application's performance metrics, helping teams identify bottlenecks, track response times, and monitor the overall health of their applications. By leveraging such insights, organizations can diagnose performance issues, optimize resource usage, and ensure that applications run smoothly, which ultimately leads to a better user experience. Analyzing application performance allows organizations to pinpoint specific areas of concern, whether it's slow database queries, inefficient code, or network latency. Addressing these areas leads to improvements in application responsiveness and reliability. While improving collaboration among teams, reducing IT costs, and accelerating product release cycles are valuable goals for any organization, they are often outcomes influenced by effective performance monitoring. However, the primary focus of APM tools remains on the direct analysis and enhancement of application performance itself. This foundational capability supports and enhances the other objectives but is not solely focused on them.

7. What are the estimated log events indexed daily by a company indexing 5TB of logs in Splunk?

- A. 5 million events
- B. 50 million events
- C. 500 million events**
- D. 5 billion events

To determine the estimated number of log events indexed daily by a company indexing 5TB of logs in Splunk, one must consider the typical size of individual log events. Logs can vary significantly in size, but a common industry average is that each log event is approximately 10KB. If we base our calculations on this average size, we can calculate the number of log events as follows: 1. First, convert the total log size (5TB) into bytes: $5 \text{ TB} = 5 \times 1024 \text{ GB} = 5120 \text{ GB}$ $5120 \text{ GB} = 5120 \times 1024 \text{ MB} = 5,242,880 \text{ MB}$ $5,242,880 \text{ MB} = 5,242,880 \times 1024 \text{ KB} = 5,368,709,120 \text{ KB}$ $5,368,709,120 \text{ KB} = 5,368,709,120 \times 1024 \text{ bytes} = 5,760,000,000,000 \text{ bytes}$. 2. Next, if we assume an average event size of 10KB (which is 10,240 bytes), we divide the total number of bytes by the size of each event to find the estimated

8. Does Standard APM enable you to quickly identify the slowest functions at each endpoint?

- A. True**
- B. False
- C. It depends on the configuration
- D. Only for specific endpoints

Standard APM (Application Performance Monitoring) provides comprehensive visibility into application performance, allowing you to monitor and analyze the behavior of your application's endpoints. One of the key features of Standard APM is its ability to track request traces, which detail how requests flow through your services and identify bottlenecks along the way. With this capability, Standard APM is able to surface the slowest functions associated with each endpoint, helping you quickly diagnose performance issues. It aggregates metrics related to response times, error rates, and throughput, thereby enabling developers and operators to pinpoint the specific parts of their applications that are not performing optimally. This functionality is essential for maintaining application performance and ensuring that users have a seamless experience. This ability to quickly identify the slowest functions gives teams actionable insights, allowing for timely optimizations where they are needed most. Consequently, Standard APM's design and implementation lend themselves well to facilitating swift identification of performance bottlenecks across application endpoints.

9. What key aspect makes serverless computing appealing to developers?

- A. Complete control over hardware
- B. No need to manage servers**
- C. Guaranteed uptime
- D. Fixed pricing models

The appeal of serverless computing to developers primarily lies in the fact that it eliminates the need to manage servers. With serverless architectures, developers can focus on writing code and building applications without getting involved in the complexities of server management, maintenance, or scaling. This abstraction allows for quicker development cycles and greater agility, as developers can write functions that execute in response to events without worrying about the underlying infrastructure. This model facilitates a pay-as-you-go pricing structure, where developers are only charged for the compute time consumed when their code is actually running, further streamlining their workflow and optimizing resource usage. This focus on functionality rather than infrastructure makes serverless computing particularly attractive in modern application development.

10. What is the correct order of log management processes?

- A. Process, Live Tail, Index, Ingest
- B. Ingest, Process, Live Tail, Index**
- C. Process, Ingest, Live Tail, Index
- D. Index, Ingest, Process, Live Tail

The correct order of log management processes is Ingest, Process, Live Tail, Index. This sequence outlines how logs are handled from the moment they are received to their final storage and accessibility for real-time monitoring. Ingest is the first step, where raw log data generated by various sources (like applications, servers, cloud services, etc.) is collected. This stage is crucial as it ensures that data is captured and sent to the logging system effectively. Following ingestion, Process is the next phase, where the raw log data is parsed and transformed into a structured format. This step might include filtering out unnecessary information, enriching logs with additional context, or aggregating similar log entries. Proper processing is essential for making the logs useful and easier to analyze. Live Tail is a feature that allows users to view log entries in real-time as they are generated. This capability is especially useful for monitoring current system behavior and quickly diagnosing issues as they arise. Finally, Indexing occurs, where the processed and structured logs are indexed for efficient searching and retrieval. Indexing optimizes the logs for performance, allowing users to quickly find and query specific log entries without having to sift through unstructured data, making it easier to analyze and generate insights from the logs. This logical flow

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://datadogonboarding.examzify.com>

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

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