Log Management Fundamentals

01 Introduction

The Log Management Fundamentals exam is intended for individuals who can effectively demonstrate an overall knowledge of Datadog's Log Management product, independent of a specific job role.

This exam will test and validate knowledge on the following topics:

- Understand logging
  – systems
  – sources
  – formats
  – emission
- Understand log collection in Datadog
- Understand and use log parsing and associated rules
- Understand how to search and filter logs
- Understand how to use logs for Analysis in troubleshooting

Each exam has a maximum seat time of 2 hours.

02 Target Candidates

Ideal candidates have at least 6 months of experience using the Datadog Log Management product and associated features. Candidates will demonstrate an understanding of how Log Management works and how it is best used in production.

RECOMMENDED DATADOG KNOWLEDGE

A Target Candidate should have the following knowledge:

- General Logging knowledge
- Datadog Log Management setup and use
- Datadog Log
  – Collection
  – Parsing
  – Searchig and Filtering
  – Analysis
  – Utilization
  – Troubleshooting

03 Out of Scope

The following is a list (non-exhaustive) of specific job tasks that earners will not be required to perform:

- Programming
- Systems Architecture
- Testing

04   Exam Content and Outline

QUESTION TYPE

The exam only contains one type of question:

- **Multiple choice:** Has one correct response and two or more incorrect responses (distractors)

Select the response that best answers the question posed. Incorrect answers, also known as distractors, are options that can be a plausible response for the question's content area.

Unanswered questions will be scored as incorrect. The exam includes 75 questions that will affect your score.

PRE TEST ITEMS

The exam includes 15 pre-test (unscored) questions that do not affect your score. Datadog collects information about candidate performance on pretest questions to evaluate them for future use on exam forms. Pretest questions are not identified to the candidate on the exam.

CONTENT OUTLINE

The Exam Content Outline on the following page includes the knowledge domains and related subdomains of content on the exam. It also includes the total number of questions which will appear in the exam from each domain and subdomain. There is also a list of related Task Statements. These are tasks that could be reasonably performed by a certified individual, and represent tasks that could be performed with the knowledge required to pass the exam.

| **Logging Fundamentals** |
| Logging Systems—Rational & Justification |
| Log Sources |
| Logging Formats |
| Log Emission |
| **Log Collection** |
| Enabling Log Collection |
| Log Filtering & Obfuscation |
| **Log Parsing** |
| Processors & Pipelines |
| Standard Attributes |
| Log Composition |

Log Searching & Filtering
Live vs. Explorer
Search Syntax
Explorer Functionality
Log Analysis
Filtering and Excluding
Aggregations
Visualizing
Log Utilization
Monitors & Alerting
Metric Generation
Exporting
Log Troubleshooting
Agent Issues
Ingestion Issues

05 Study and Preparation

It is expected that you have done some preparation for the exam. This can include not only using the platform, but also taking some of Datadog's recommended courses and reading relevant documentation. Below please find a list of recommended materials to go over to get you started.

COURSES

- Introduction to Log Management
- Going Deeper with Logs: Processing
- Tagging Best Practices
- Introduction to Integrations

DOCUMENTATION

- Logs Management
- Host Agent Log Collection
- Agent Configuration Files
- Tags