Datadog Fundamentals

01   Introduction

The Datadog Fundamentals certification tests individuals' fundamental knowledge about the Datadog ecosystem. It covers a broad range of topics, from Linux command line basics to metric visualization strategies. Certification earners know how to use Datadog effectively for common use cases, and are well equipped to learn more advanced topics specific to their roles.

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

- Computer fundamentals such as CPUs, RAM, data storage
- Linux operating system basics
- YAML, JSON, Python, and shell scripts
- Networking basics including IP addresses and protocols such as HTTP, TCP, and UDP
- Install and configure the Datadog Agent in multiple environments
- Install and configure Datadog integrations
- Common techniques for troubleshooting Datadog
- Aggregate and visualize data in the Datadog application
- Search and filter events, logs and metrics using tags and facets
- Create Datadog monitors with targeted notifications
- Familiarity with the Datadog API

See **Content outline**, below for a complete list of the topics that this exam covers.

Each exam has a maximum seat time of 2 hours.

02   Target Candidates

Candidates should be entry-level Datadog users who understand Observability principles. They should be frequent users of Datadog's core products and features.

RECOMMENDED DATADOG KNOWLEDGE

A Target Candidate should have the following knowledge:

- General computing knowledge (CPU, RAM, Data storage, etc)
- Linux Basics
- Reading YAML, JSON, Python, Shell Scripts
- Basic Networking
- Datadog
  - Agent
    - › Configuration
    - › Commands
  - Integrations
  - API
  - Metrics
  - Tags
  - Host Map
  - Monitors
  - Log Search & Filter
  - Metric Search & Filter

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 are 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 includes the knowledge domains and related subdomains of content on the exam.

Essential Concepts
Config File Modification
Hardware Concepts
Metadata
Networking
Datadog Observability

Infrastructure Development
Agent Installation
API Key
Application Key
Running the Agent
Agent Hostname
Networking & Agent Configuration
Datadog Ports
Datadog IP Addresses
Auto-discovery
Data Collection
DogStatsD
Crawlers
Agent Integrations
API Endpoints
Tagging Best Practices
Metrics & Timeseries
Troubleshooting Datadog
Agent Commands
Agent Logs
Agent Config Files
Data Visualization & Utilization
Host Map
Dashboards
Using Metrics
Using Tags
Monitors and Alerts

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

- Intro to Datadog: Dev + SRE
- Introduction to Observability

DOCUMENTATION

- Getting Started
- Datadog Agent
- Metrics
- Infrastructure List
- API and Application Keys
- Integrations
- Docker Daemon
- Query to the graph
- Docker Agent
- Metrics API
- Monitor types
- DogStatsD
- ddtrace
- Canonical Hostnames