

DataDog Course Content(5 days)

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Per day training hours : 5 to 6 hrs

Day 1

Getting started

What is Datadog?

Discussion: Problem specification for Datadog

1. Datadog as a solution for low visibility across multistack environments
2. Datadog application performance monitoring (APM) and Continuous Profiler
3. Request tracing, log management, metric collection, and analysis with AI
4. Real user monitoring and traffic observing on premises, in the cloud, and hybrid
5. Datadog as a trend visualization tool; dashboards explained
6. Alerts and collaboration on monitoring and keeping systems up
7. Security and compliance monitoring with Datadog
8. Datadog's usage tiers and pricing models (how to get what you need)

Agent

- Basic Agent Usage
- Kubernetes
- Autodiscovery
- Proxy
- Network
- Prometheus Checks
- Troubleshooting
- Adding Python packages
- Security

Datadog Watchdog

- Overview

Datadog Alerting

- Monitor Types
- Manage Monitor
- Check Summary
- Notifications
- Downtimes

Day 2

Datadog Log Management

- Log Collection & Integrations
- Processing
- Live Tail
- Explorer
- Logging without Limits
- Log monitor
- Archives
- Security

Datadog Datadog API

- Overview
- Authentication
- Success and errors
- Rate limiting
- Troubleshooting
- Service Checks
- Comments
- Dashboard Lists
- Downtimes

Day 3

Datadog Security

- Agent
- APM (Tracing)
- Log Management
- Other considerations

Datadog Tagging

- Assigning Tags
- Using Tags

Datadog Graphing

- Dashboards
- Metrics
- Notebooks

Event Stream

- Infrastructure
- From the query to the graph
- Graphing JSON

Day 4

Datadog APM (Tracing)

- Setup
- Advanced Usage
- Use the APM UI
- Getting Further
- Trace API
- Community Libraries

Datadog Developer Tools

- DogStatsD
- Metrics
- Libraries
- Community Office Hours
- Write an Agent Check
- Write a Prometheus Check
- Integrations

Monitoring as code - Managing Datadog monitors from code (terraform)

datadog Account Management

- Team management
- Organization settings
- SSO with SAML
- Multi-org accounts

Cloud Integration

- Azure DevOps integration in Datadog.
- DevOps Dashboards/widgets creation in Datadog, similar to the ones in Azure DevOps.

Performance Optimization

- Migration of Datadog monitors/dashboards between Datadog organizations.
- Continuous Profiler -Optimizing code, Pinpoint code issues
- Network performance
- Network device monitoring