
1. Core Datadog Concepts

- Understanding scopes, aggregation (space/time), and query functions
- Unified Service Map (USM)
- Identifying valid tag formats

2. Agent Setup & Configuration

- Required fields in the Agent config yaml file
- Agent hostname priority.
- How often Agent config updates are reflected in the Datadog UI.
- Where to set log collection limits
- agent installation steps per OS
- crawler-based cloud integrations.

3. Metrics & DogStatsD

- DogStatsD extensions beyond standard StatsD (e.g., tagging, service checks, histograms).
- Metric query building using scope, time, and space aggregation.
- Flush interval for DogStatsD
- Metrics intake port
- DogStatsD listening port
- StatsD namespace and tagging formats.

4. Monitoring & Alerts

- Monitor types (composite came up I believe)
- Whether certain monitor actions generate events.
- How alert notifications behave based on monitor settings.

5. Logs & Log Management

- Setting log levels (e.g., debug).
- Specifying log collection limits
- Valid log tags and formatting for collection and filtering.

6. Networking & System Basics

- CIDR notation (e.g., /24, /16) and checking if IPs are in the same subnet.
- IP ranges within Datadog
- data collection

7. Infrastructure & Resource Monitoring

- Role of RAM & other storage
 - Something with high page faults came up
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8. API Keys & Authentication

- Role of the Datadog API key.
 - Datadog agent vs cloud providers.
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9. UI & Dashboards

- cloned dashboards & ootb dashboards

Component	Port	Protocol	Direction	Purpose
DogStatsD	8125	UDP	Inbound (to Agent)	Receives custom metrics via DogStatsD
APM (Trace Agent)	8126	TCP/HTTP	Inbound (to Agent)	Receives application traces
Custom Metrics Endpoint	5000	TCP/HTTP	Inbound (to App or Collector)	Often used by apps exposing metrics on <code>/metrics</code> (e.g., Prometheus or custom services)
Metrics & Logs Intake	443 / 10516	HTTPS	Outbound (from Agent)	Sends metrics, logs, traces to Datadog backend
Datadog GUI (Web UI)	443	HTTPS	Outbound (user browser)	Web access to Datadog platform

I also received this list from someone else before the exam and I remember a few of these showed up:

Ports

- * Metric Query

- * Format

- * Metric query to select system.cpu.system with host tag NOT a,b,c

- * Networks

- * Definition of throughput

- * Cloud Network Monitoring

- * What each section of an IP address means

- * Find IP pairs in the same subnet

- * Agent debug

- * Yaml config

- * File structure

- * Where files should go

- * Checks/Config

- * Agent cmds

- * Which graph type

- * Agent vs API Crawler integrations

- * Flare info

- * What is a flare for

- * How do you create one

- * Agent host naming priority

- * Monitor Notification variables

- * DogStatsD Flush Interval

- * UDP vs TCP

- * Log Levels

- * 2 on this
- * API Keys
 - * Definitions
 - * Default limits
- * APP Keys
 - * Definitions
- * Dashboards
 - * What is available when OOTB cloned
 - * Template variable
- * Where are the configs stored on a host installation