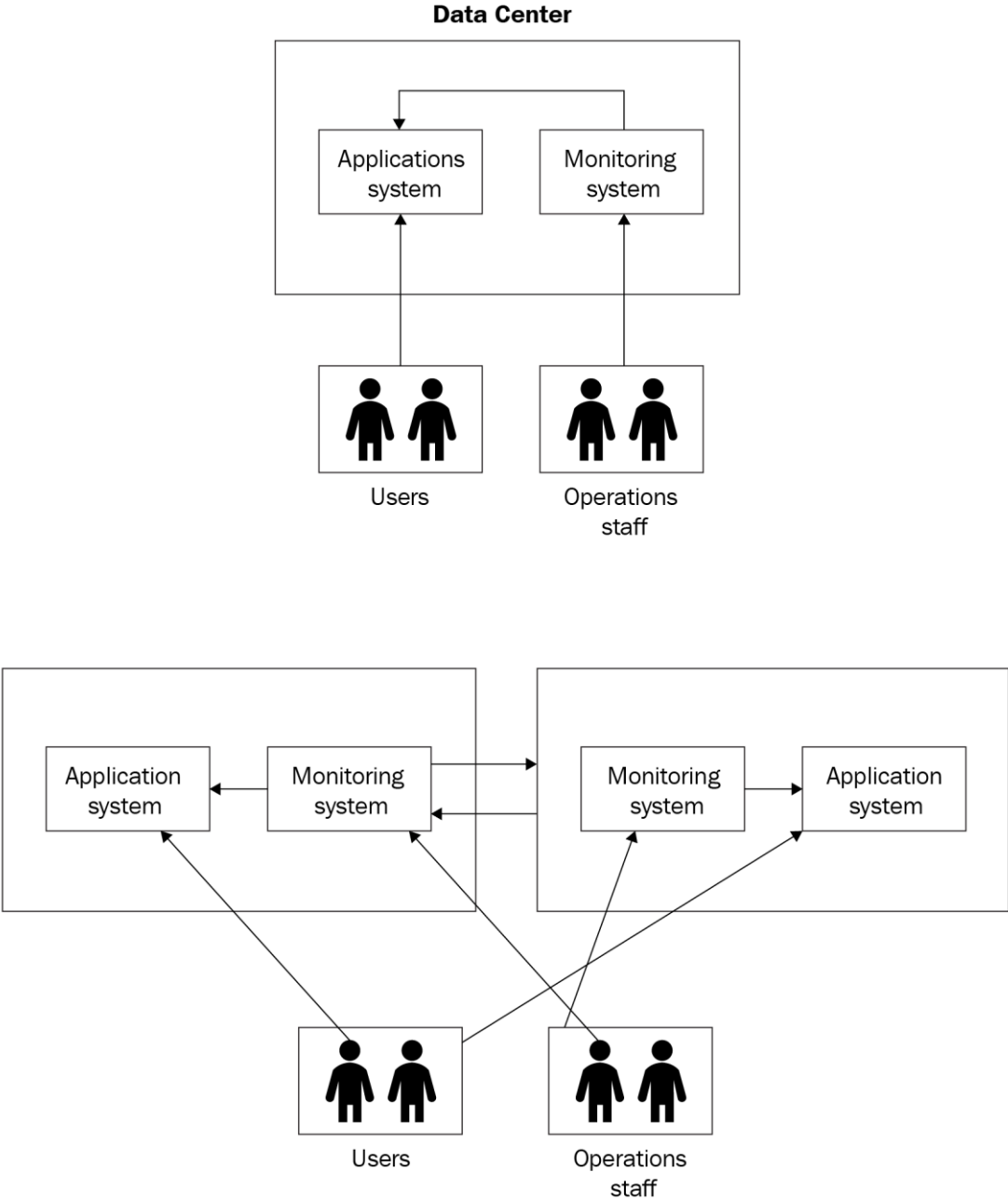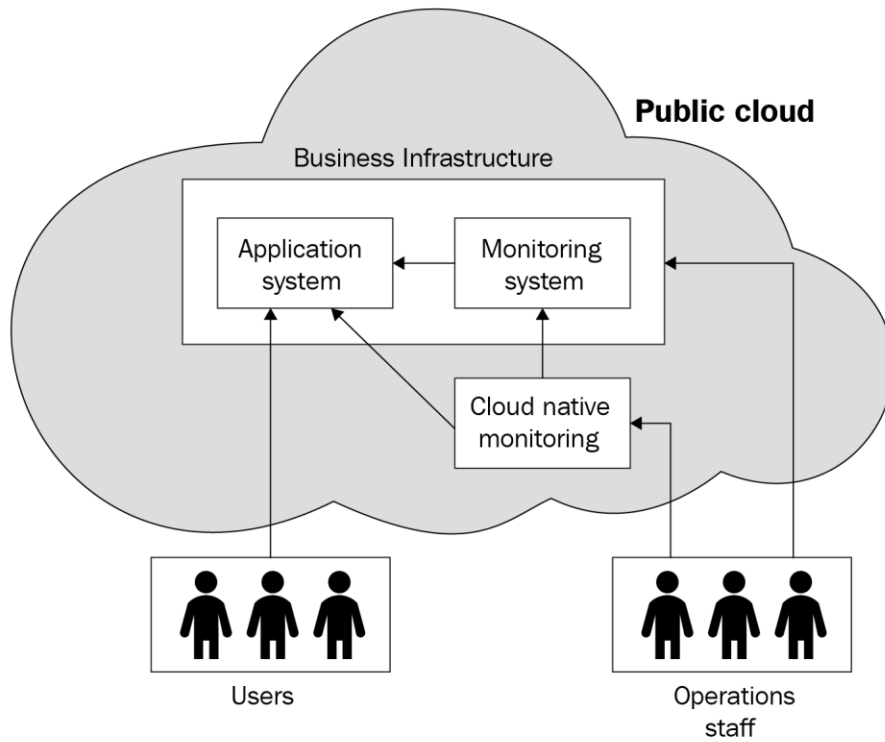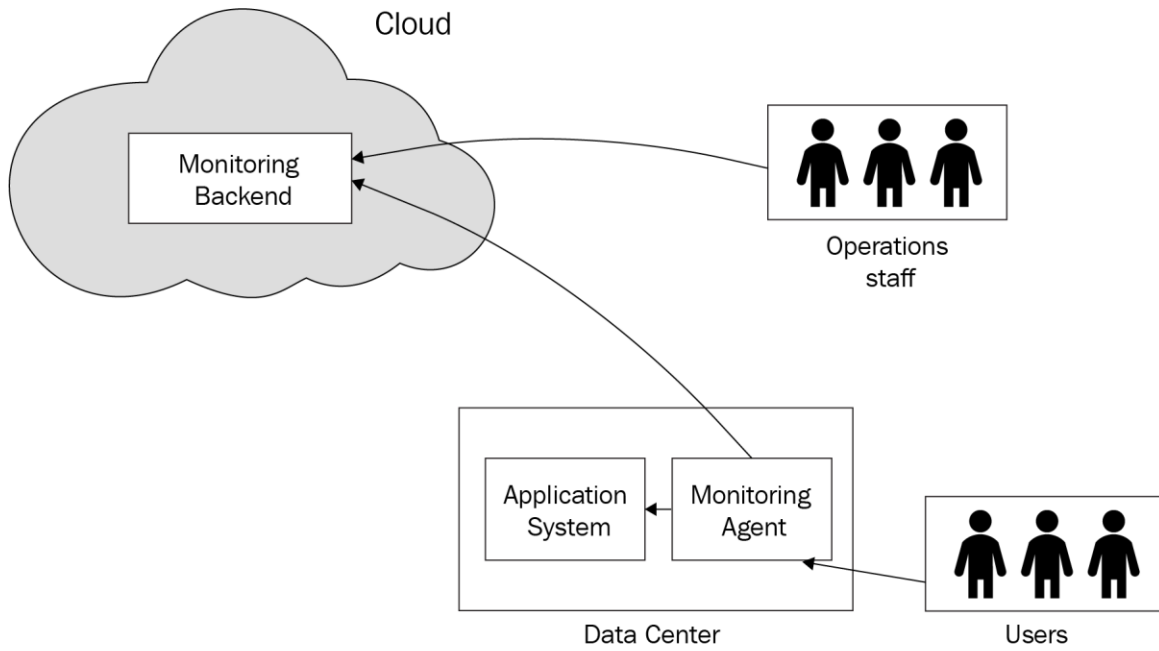# Chapter 1: Introduction to Monitoring

Data Center

Cloud

Monitoring
Backend

Operations
staff

Application
System

Monitoring
Agent

Data Center

Users

Public cloud

Business Infrastructure

Application
system

Monitoring
system

Cloud native
monitoring

Users

Operations
staff

Public cloud

Business Infrastructure

Application system

Cloud native monitoring

Monitoring Agent

Users

Monitoring Backend

Operations staff

Host

Monitoring Server / SaaS Backend

Active check

Monitoring agent

Application system

Host

Monitoring Server /
SaaS Backend

Monitoring Agent

Passive
Check

Application System

Passive
Check

Meta Monitoring

Business Monitoring

Application Monitoring

Logs Aggregation

Platform Monitoring

Infra Monitoring

Last Mile Monitoring

Chapter 2: Deploying the Datadog Agent

Host

Monitoring Agent → Application Process

Docker Host

Docker Service

Monitoring Agent → App Container / App Container

Docker Host

Docker Service

App Container

App Container

Monitoring Agent Container

Datadog SaaS Backend

Internet

Datadog Agent

Company Network
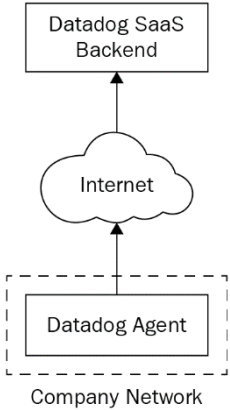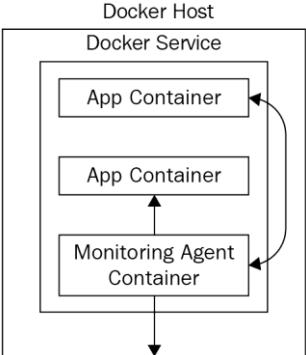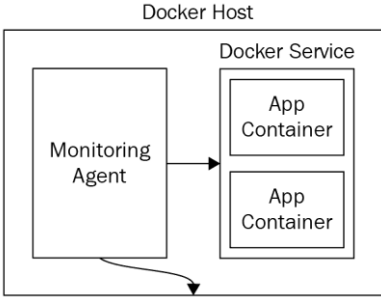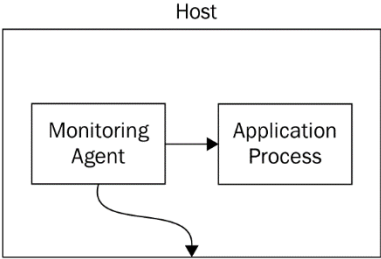
Dashboards

Q Search dashboards

Lists

Q Filter lists

Preset Lists

☆ All Custom

☆ All Hosts

☆ All Integrations

☆ Created By You

☆ Frequently Viewed By You

Integrations

Integrations

Marketplace

APIs

Agent

Embeds

◄ Hide

All Das

	★↑	Name
☐	☆ 🖥	**Host Counts** Preset
☐	☆ ⏱	**System - Disk I/O** Preset
☐	☆ ⏱	**System - Metrics** Preset

Agent 7 Installation Instructions

📊 Overview	**Installing on Ubuntu**
✕ Mac OS X	
⊞ Windows	The Datadog Agent has x86_64 and arm64 (ARM v8) packages. For other architectures, use the source install.
◉ Debian	**New installation**
◉ Ubuntu	① Use our easy one-step install.
a Amazon Linux	
🌀 CentOS/Red Hat	`DD_AGENT_MAJOR_VERSION=7 DD_API_KEY=7b0c8c277510ebb2e5be421def641a60 bash -c "$(curl -L https://s3.amazonaws.com/dd-age`
🎩 Fedora	This will install the APT packages for the Datadog Agent and will prompt you for your password.
🦎 SUSE	If the Agent is not already installed on your machine and you don't want it to start automatically after the installation, just prepend `DD_INSTALL_ONLY=true` to the above script before running it.

DATADOG

🔍 docker

- Watchdog
- Events
- Dashboards
- Infrastructure
- Monitors
- Metrics
- **Integrations**
- APM
- Notebooks
- Logs
- Security
- UX Monitoring

Installed

Docker
✔ Installed

Available

Amazon ECS
+ Available

Docker Integration   ✕

Docker is an open-source project that automates the deployment of applications inside software containers.

✔ **INSTALLED**

Overview   **Configuration**   **Metrics**

This integration is working properly.

Monitoring containers via the Docker integration has the potential to impact your bill. For more information on how this may affect your billing, visit the **Billing FAQ** page, or reach out to support@datadoghq.com.

If you want run the Agent inside a container, follow the **Docker Agent installation instructions**.

1. Make sure that Docker is installed and running on your server

2. **Add the user running the Agent to docker's group.**

   ```
   usermod -a -G docker dd-agent
   ```

3. Configure the Agent to connect to Docker
   Edit **conf.d/docker.d/docker_daemon.yaml**

   ```
   init_config:

   instances:
       - url: "unix://var/run/docker.sock"
         new_tag_names: true
   ```

4. **Restart the Agent**

5. Execute the **Agent status** command and verify that the integration check has passed. Look for docker under the Checks section.
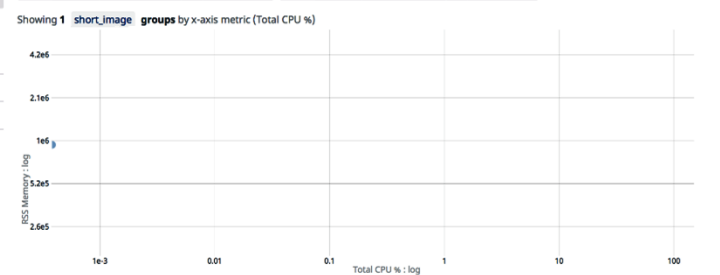
Docker Integration

Docker is an open-source project that automates the deployment of applications inside software containers.

✓ INSTALLED

Overview   Configuration   **Metrics**

The following metrics will be tracked by this integration:

Name	Units	Description
docker.container.open_fds	files	The number of open file descriptors
docker.container.size_rootfs	bytes	Total size of all the files in the container
docker.container.size_rootfs.95percentile	bytes	95th percentile of docker.container.size_rootfs
docker.container.size_rootfs.avg	bytes	Average value of docker.container.size_rootfs
docker.container.size_rootfs.count	samples/second	The rate that the value of docker.container.size_rw was sampled
docker.container.size_rootfs.max	bytes	Max value of docker.container.size_rootfs
docker.container.size_rootfs.median	bytes	Median value of docker.container.size_rootfs
docker.container.size_rw	bytes	Total size of all the files in the container which have been created or changed by processes running in the container
docker.container.size_rw.95percentile	bytes	95th percentile of docker.container.size_rw

Chapter 3: The Datadog Dashboard

i-021b5a51fbdfe237b

Aliases: ip-172-31-31-12.us-west-2.compute.internal, i-021b5a51fbdfe237b
View host in: **Dashboard** | **Networks** | **Processes** | **Containers**

Apps (click to see metrics)

- agent
- ntp
- system

Agent
Datadog Agent: `v7.21.0`

System
> GNU/Linux - 1 CPU - 1 vCPU - 172.31.31.12 - 502.99M - 9.55G

Metrics (as of < 1 min ago)
% CPU utilized **0.3 %**

Tags
🔖 Datadog
host:i-021b5a51fbdfe237b

👤 User

Edit Tags ✏️
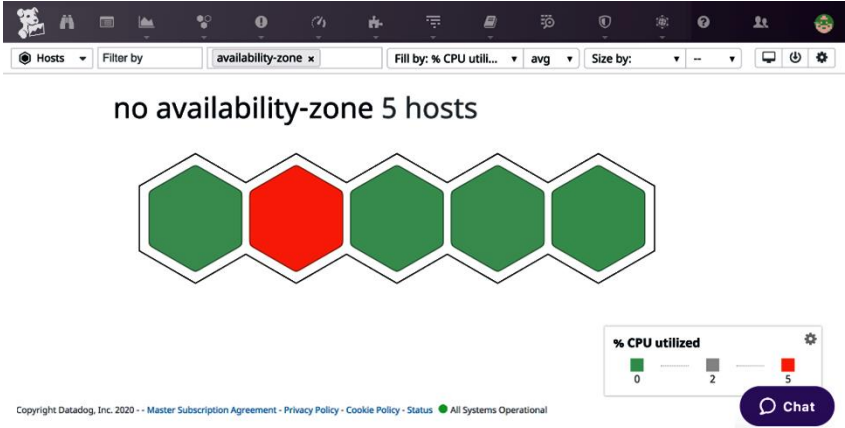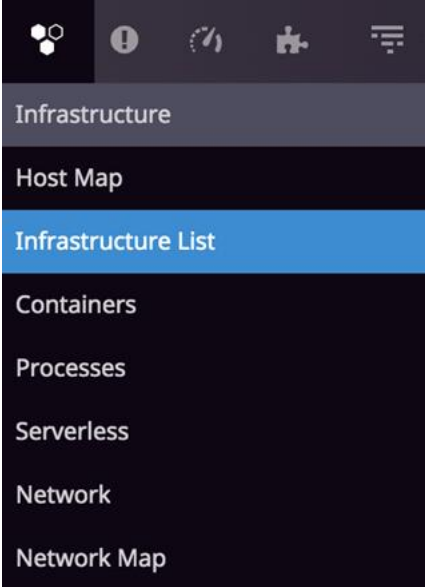
Hosts ▼ | Filter by | availability-zone × | Fill by: % CPU utili... ▼ | avg ▼

---

5 Hosts up / **5** total

🔍 Filter by name, tag, or app | Group by tags: ▼ | Showing all 5 entries.

Hostname ▼		Status	CPU		IOWait		Load 15	Apps
thomass-mbp-2.lan	🍎🔖	• UP	18%		0%		1.73	ntp system
i-02b0731f68c4b1484	🐧🔖	• UP	0.3%		0%		0	ntp system
i-0a4731d28a819947d	🐧🔖	• UP	0.2%		0%		0	ntp system
i-063c5924bdebfe51b	🐧🔖	• UP	0.2%		0%		0	ntp system
i-021b5a51fbdfe237b	🐧🔖	• UP	0.2%		0%		0	ntp system

🔍 Search events... | Show **2d** Past 2 Days ▼ | ⏸

FROM
All
Amazon Web Services
Datadog
Monitor Alert
My Apps
Users

PRIORITY
All
Normal
Low

STATUS
All
Error
Warning
Success

Mon Jul 20 | Tue Jul 21 | **Now**
17:00 23:00 5:00 11:00 17:00 23:00 5:00 11:00
8 events

8 matching events from   ☐ Aggregate related events

Leave a status update...   Post

Datadog agent (v. 7.21.0) started on i-0f766f228c944540a #host:i-0f766f228c944540a
See i-0f766f228c944540a's dashboard
Mon Jul 20 2020 01:30:47 GMT-0700 (PDT) · Add comment

Datadog agent (v. 7.21.0) started on i-0a4731d28a819947d #host:i-0a4731d28a819947d
See i-0a4731d28a819947d's dashboard
Mon Jul 20 2020 01:28:39 GMT-0700 (PDT) · Add comment

Datadog agent (v. 7.21.0) started on i-51368349 #host:i-51368349
See i-51368349's dashboard
Mon Jul 20 2020 01:27:57 GMT-0700 (PDT) · Add comment

Metrics Explorer

Metrics
Explorer
Summary
Docs

Graph:

Over:
Everything

One graph per:
Entire infrastructure

On each graph, aggregate with the
Average of reported values

⚙ Options ▸

Metrics Explorer

Show 1h Past 1 Hour   Graph size: XS S M L XL

Graph:
system.mem.free ✕

Over:
host:i-021b5a51fbdfe237b ✕

One graph per:
Entire infrastructure

On each graph, aggregate with the
Average of reported values

⚙ Options ▸

Export these graphs to:
New timeboard   Existing dashboard

Want to apply advanced functions and more?
Open in a notebook →

system.mem.free

48

32

16

0
3:15   15:20   15:25   15:30   15:35   15:40   15:45   15:50   15:55   16:00   16:05   16:10

💬 Chat

Create dashboard ✕

Dashboard name:

Thomas's Dashboard 21 Jul 2020 22:27

⏱ New Timeboard

For troubleshooting and correlation
Time-synchronized metrics and event graphs
Automatic layout

🖥 New Screenboard

For status boards and sharing data
Mix widgets and time frames
Custom drag-and-drop layout

☆ Sample dashboard   Finish Editing ✓   1h   Past 1 Hour

🔍 Search... | Add Template Variables ❓

Group | Notes and Links | Timeseries | Query Value 3.14 | Table | Top List | SLO Summary ↑ 99% | Heat Map | Check Status 2 9 | Change

Finish editing

1h Past 1 Hour

2
1.5
1
0.5
0
01:35   01:40   01:45   01:50   01:55   02:00   02:05   02:10   02:15   02:20   02:25   02:30

1 Select your visualization

Timeseries | Query Value | Table | Heat Map | Scatter Plot | Distribution | Top List | Change | Host Map

2 Graph your data

Edit   JSON   Share   Custom Links   Graphing help ?

Metric ▾ | system.cpu.user | from | host:i-021b5a51fbdfe237b × | avg by (everything) | +   as... </>

Display: Lines ▾   Color: Classic ▾   Style: Solid ▾   Stroke: Normal ▾   Advanced...

Graph additional: Metrics | Log Events | Analyzed Spans | Live Processes | Network Traffic | RUM Events | Security Signals

Cancel   Save as New Graph   Save

☆ Sample dashboard   Finish Editing ✔   1h Past 1 Hour

Q Search... | Add Template Variables ?

Group | Notes and Links | Timeseries | Query Value **3.14** | Table | Top List | SLO Summary ↑ 99% | Heat Map | Check Status **2 9** | Change

Avg of system.cpu.user over host:i-021b5a51fbdfe237b   ✎ ✿
2
1.5
1
0.5
0
01:45   02:00   02:15   02:30

Avg of system.disk.free over host:i-021b5a51fbdfe237b   ✎ ✿
512
384
256
128
0
01:45   02:00   02:15   02:30

Finish editing

1h Past 1 Hour

2 Graph your data

Edit   JSON   Share   Custom Links   Graphing help ?

1. Pick a time frame   **2. Pick a graph size**   **3. Include the legend**
○ Past hour   ○ Small (400x200)   ● Yes
○ Past 4 hours   ● Medium (600x300)   ○ No
● Past day   ○ Large (800x400)
○ Past 2 days   ○ X-Large (1000x500)
○ Past week

4. Get the embed code

Generate Embed Code </> [   ]

View a list of all embedded graphs ⎘

3 Give your graph a title (or leave blank for suggested title)

Avg of system.cpu.user over host:i-021b5a51fbdfe237b

Cancel   Save as New Graph   Save

Integrations   Marketplace   APIs

Integrations
Integrations
Marketplace
APIs
Agent
Embeds

nginx

Available

NGINX

Nginx Integration

+ Available

NGINX Ingress Controller

nginx-ingress-controller

+ Available

Integrations   APIs   Agent   Embeds

Nginx

Available

Nginx

Monitor connection and request metrics. Get more metrics with NGINX Plus.

+ Install

NGINX Ingress Controller

nginx-ingress-controller

+ Available

Nginx Integration

Monitor connection and request metrics. Get more metrics with NGINX Plus.

AVAILABLE

Overview   **Configuration**   Metrics

Installation

The NGINX check pulls metrics from a local NGINX status endpoint, so your `nginx` binaries need to have been compiled with one of two NGINX status modules:

- stub status module - for open source NGINX
- http status module - only for NGINX Plus

NGINX Open Source

If you use open source NGINX, your instances may lack the stub status module. Verify that your `nginx` binary includes the module before proceeding to **Configuration**:

```
$ nginx -V 2>&1| grep -o http_stub_status_module
http_stub_status_module
```

If the command output does not include `http_stub_status_module`, you must install an NGINX package that includes the module. You *can* compile your own NGINX-enabling the module as you compile it-but most modern Linux distributions provide alternative NGINX packages with various combinations of extra modules

---

Nginx Integration   ✕

Monitor connection and request metrics. Get more metrics with NGINX Plus.

AVAILABLE

Overview   Configuration   **Metrics**

The following metrics will be tracked by this integration:

Name	Units	Description
nginx.cache.bypass.bytes	bytes	The total number of bytes read from the proxied server
nginx.cache.bypass.bytes_count	bytes	The total number of bytes read from the proxied server (shown as count)
nginx.cache.bypass.bytes_written	bytes	The total number of bytes written to the cache
nginx.cache.bypass.bytes_written_count	bytes	The total number of bytes written to the cache (shown as count)
nginx.cache.bypass.responses	responses	The total number of responses not taken from the cache
nginx.cache.bypass.responses_count	responses	The total number of responses not taken from the cache (shown as

---

Integrations   **APIs**   Agent   Embeds

> **API Keys**

Your **API keys** are unique to your organization. An API key is required by the **Datadog Agent** to submit metrics and events to Datadog.

> **Application Keys**

Application keys, in conjunction with your org's API key, give you **full access to Datadog's programmatic API**. Application keys are associated with the user account that created them and can be named. The application key is used to log all requests made to the API.

> **Events API Emails**

Events API emails give you the ability to send events via email. Event API emails come in two flavors: plain text and JSON. Messages sent to a plain text email will create an event using the message subject and body. JSON emails, on the other hand, expect an event JSON request inside the message body and will post an event based on the JSON request. See the *Events* section of our API docs ⧉ for details.

> **Client Tokens**

Client tokens are used to send events and logs from your user's web and mobile applications. Deleting a client token that is linked to a RUM Application will cause your RUM Application to stop reporting.

Embedded Graphs

Embedded

Graph on Dashboard	Interval	Shared By	Code	
Average CPU usage on Average CPU usage	Past day	contact@kurianinc.us	Show embed code	Revoke

Revoked

Graph on Dashboard	Interval	Shared By	Code
There are no revoked graph embeds.			

Triggered Monitors   **Manage Monitors**   New Monitor +

Monitors
Manage Monitors
Triggered Monitors
New Monitor
Manage Downtime
Check Summary
SLOs NEW
Docs

🔍 Filter monitors

◁ Hide Controls | **Showing 1 result**   Mute ▾   Resolve   Delete   Edit Tags ▾

		TAGS	🔔
⌄ **Status**			
☐ Triggered	0		
☐ ▌Alert	0		
☐ ▌Warn	0		
☐ ▌No Data	0	with NTP	
☐ ▌OK	1		
⌄ **Muted**			
☐ false	1		
☐ true	0		
⌄ **Type**			
☐ Custom	1		
☐ Anomaly	0		
☐ APM	0		

---

1 ⌄ **Choose the detection method**

Threshold Alert | Change Alert | Anomaly Detection | Outliers Alert | Forecast Alert

An alert is triggered whenever a metric crosses a threshold.   ❓

2 ⌄ **Define the metric**   Source   **Edit**

a | Metric system.disk.free from device:/dev/xvda1 × host:i-021b5a51fbdfe237b × | excluding {none} | avg by {everything} | +   </>

Advanced...

Simple Alert ▾ | Trigger a single alert when your metric satisfies your alert conditions.   ❓

3 ⌄ **Set alert conditions**

Trigger when the metric is | below ▾ | the threshold | on average ▾ | during the last | 5 minutes ▾

Alert threshold: < 500000000   (476.84 MiB)

Warning threshold: < 1000000000   (953.67 MiB)

Alert recovery threshold Optional

Warning recovery threshold Optional

Require ▾ | a full window of data for evaluation.   ❓

Note: We highly recommend you select "Do Not Require" for sparse metrics, otherwise some evaluations will be skipped.

Do not ... ▾ | if data is missing.   ❓

Note: we recommend the missing data window be at least 2x the evaluation period above

[Never] ▾ | automatically resolve this event from a triggered state.   ❓

Delay evaluation by 0 ⬍ seconds   ❓

4 ⌄ **Say what's happening**   Use message template variables

👁 Preview   ✏ Edit   Markdown Formatting Help ❓

Disk space on root disk on webserver is low

@alerts@kurianinc.us

Chapter 4: Account Management

Standard Access - This permission gives you the ability to view and edit components in your Datadog organization that do not have explicitly defined permissions. This includes APM, Events, and other non-Account Management functionality.

Additional Permissions

∨ **Logs**	read	write	other
Logs Read Index Data	✖	·	·
Logs Modify Indexes	·	·	✔
Logs Live Tail Access	✔	·	·
Logs Write Exclusion Filters	·	✖	·
Logs Write Pipelines	·	·	✔
Log Write Processors	·	✖	·
Logs Archives	✔	✖	·
Logs Public Config API	·	·	✖
Log Generate Metrics	·	·	✔
Logs Read Data	✔	·	·
∨ **Dashboards**	read	write	other
Dashboards	✔	✔	·
Dashboards Share	·	·	✔
∨ **Monitors**	read	write	other
Monitors	✔	✔	·
Monitors Manage Downtimes	·	·	✔

Users | **Roles** | Mappings | Application Keys   **+ New Role**

Roles > Create New Role

1 Role Details

Name

developer-access
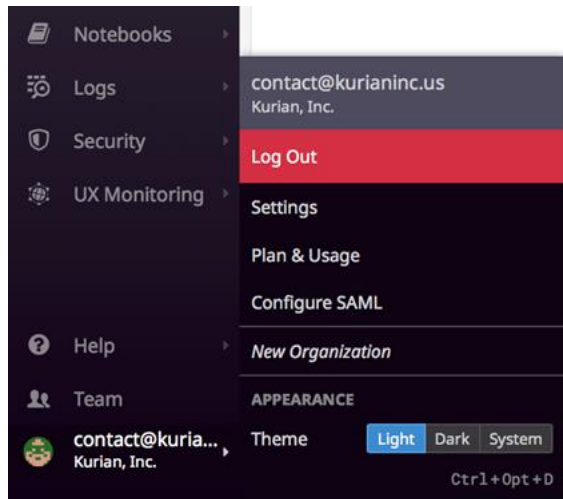
2 Permissions

Privileged Access	Standard Access	Read Only Access
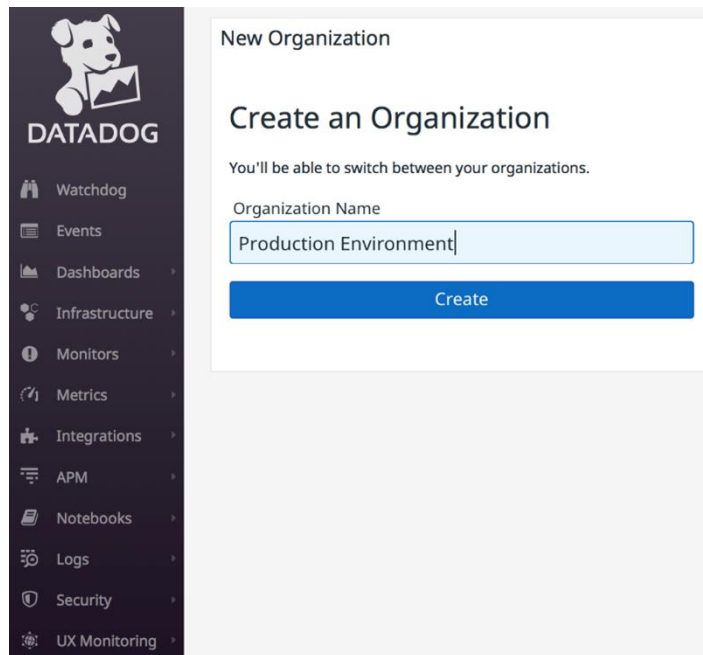
This permission gives you the ability to view and edit components in your Datadog organization that do not have explicitly defined permissions. This includes Notebooks, Events, and other non-Account Management functionality.

Additional Permissions

∨ Logs	read	write	other
Logs Read Index Data	☐	·	·
Logs Modify Indexes	·	·	☐
Logs Live Tail Access	☐	·	·
Logs Write Exclusion Filters	·	☐	·
Logs Write Pipelines	·	·	☐
Log Write Processors	·	☐	·

Kurian, Inc. Settings

[Go to my settings]

Plan   Usage   Billing History   Rename Organization   **Configure SAML**   Multi-Org Usage   Security

⊗ SAML is not configured

Start by uploading your Identity Provider (IdP) metadata.

[Choose File] GoogleIDPMetadata.xml   [Upload File]

Datadog Service Provider details

Datadog supports HTTP-POST binding for SAML 2.0.

Service Provider Metadata	https://app.datadoghq.com/account/saml/metadata.xml
Service Provider Entity ID	https://app.datadoghq.com/account/saml/metadata.xml
Assertion Consumer Service URL	https://app.datadoghq.com/account/saml/assertion
Binding	urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST
NameId Format	urn:oasis:names:tc:SAML:1.1:nameid-format:emailAddress
Attribute NameFormat	urn:oasis:names:tc:SAML:2.0:attrname-format:uri

Additional Features

☐ Identity Provider (IdP) Initiated Login   ❓

Kurian, Inc. Settings

[Go to my settings]

Plan   Usage   Billing History   Rename Organization   **Configure SAML**   Multi-Org Usage   Security

✓ SAML is enabled

[Disable]   **Single Sign-on URL: https://app.datadoghq.com/account/login/id/8d549c9b0pr44t96**

IdP Entity id: https://accounts.google.com/o/saml2/idp?idpid=C0437tqow
✓ Valid IdP metadata installed
Replace IdP metadata

Datadog Service Provider details

Datadog supports HTTP-POST binding for SAML 2.0.

Service Provider Metadata	https://app.datadoghq.com/account/saml/metadata.xml
Service Provider Entity ID	https://app.datadoghq.com/account/saml/metadata.xml
Assertion Consumer Service URL	https://app.datadoghq.com/account/saml/assertion
Binding	urn:oasis:names:tc:SAML:2.0:bindings:HTTP-POST
NameId Format	urn:oasis:names:tc:SAML:1.1:nameid-format:emailAddress
Attribute NameFormat	urn:oasis:names:tc:SAML:2.0:attrname-format:uri

Additional Features

Additional Features

☐ Identity Provider (IdP) Initiated Login   ❓

☐ SAML Strict Mode   ❓

Just-in-Time Provisioning   ❓

| kurianinc.us | Add Domain |

Domains for JiT provisioning

| kurianinc.us | Remove |

Set new users from each domain as [Standard User ▾] (existing users will not be affected)

Save
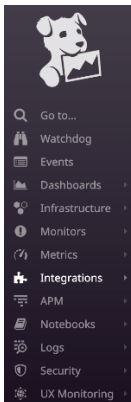
Integrations   Marketplace   **APIs**   Agent   Embeds

- 🔍 Go to...
- 🔭 Watchdog
- ▦ Events
- 🖼 Dashboards
- 🖧 Infrastructure
- ⓘ Monitors
- ⟑ Metrics
- 🔌 Integrations
- ☰ APM
- 🗐 Notebooks
- 🗓 Logs
- 🛡 Security
- ☀ UX Monitoring

〉 API Keys

Your **API keys** are unique to your organization. An API key is required by the **Datadog Agent** to submit metrics and events to Datadog.

Application Keys have moved to the Teams page →

Application keys, in conjunction with your org's API key, give you **access to Datadog's programmatic APIs.** Application Keys are associated with the user account that created them and have the permissions of that user.

〉 Events API Emails

Events API emails give you the ability to send events via email. Event API emails come in two flavors: plain text and JSON. Messages sent to a plain text email will create an event using the message subject and body. JSON emails, on the other hand, expect an event JSON request inside the message body and will post an event based on the JSON request. See the *Events* section of our API docs ⧉ for details.

contact@kurianinc.us
Kurian, Inc.

Log Out

Settings

Plan & Usage

Configure SAML

SWITCH ORGANIZATION

🔍 Filter organizations

Production Environment

New Organization

APPEARANCE

Theme   Light Dark System

Ctrl+Opt+D

Kurian, Inc.

Go to my settings

Plan   Usage   Billing History   Rename Organization   Configure SAML   Multi-Org Usage   Security

You can modify your subscription or inquire about your contract details by contacting us at success@datadoghq.com

Subscription Summary

Plan	Datadog Pro
Type	Committed Monthly
Committed Monthly Total	$18.00 Billed based on actual usage
Payment Frequency	Monthly
Start Date	September 1, 2020

Payment Method

✏ Edit Payment

···· ···· ···· 2005

Thomas Theakanath
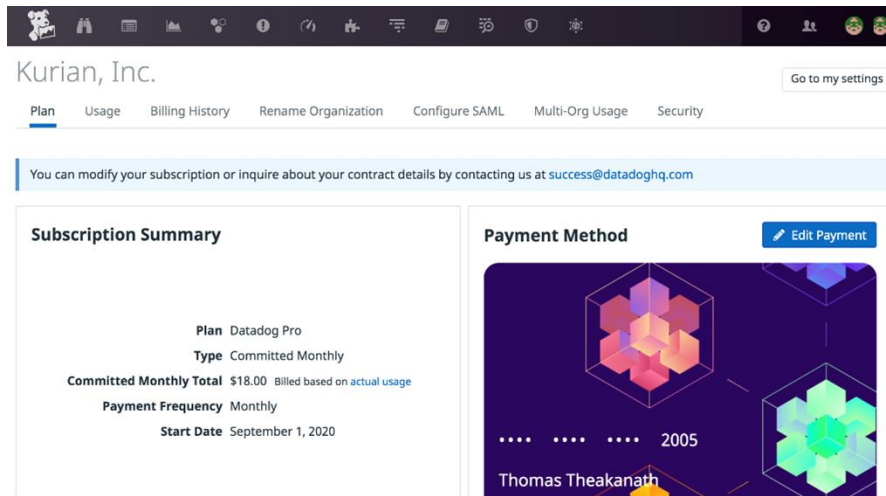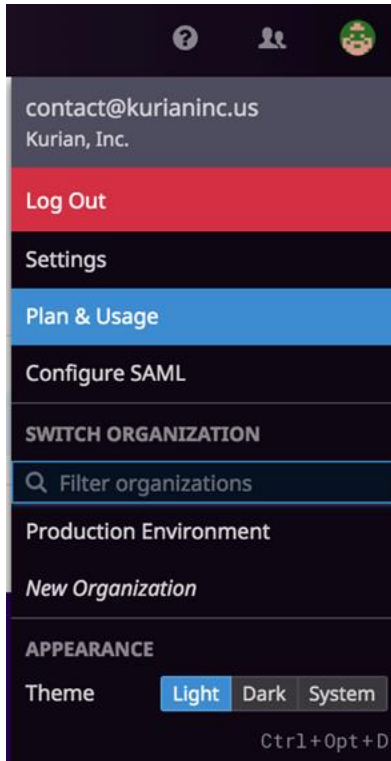
Month-to-Date Usage

Infra Hosts	Containers
6.00	3.00

Overall Usage ?

[⬇ Download as CSV]   [1mo] [Monthly ▼]   [⏪] [⏩]   [UTC]

Infra Hosts

■ Agent Hosts (p99)

Containers

■ Containers (avg)

Overall Usage ?

[⬇ Download as CSV]

Infra Hosts

■ Infra Hosts (p99)

Infra Hours

■ Monthly Infra Hours (sum)

Containers
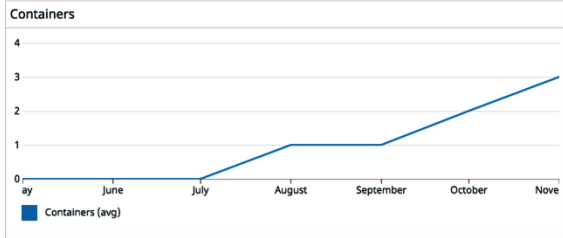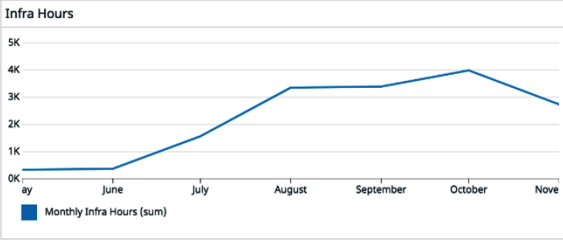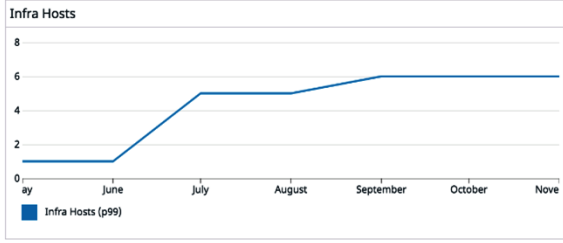
■ Containers (avg)

Individual Organization Usage
Last updated a day ago

Download as CSV: [⬇ Month-to-Date Usage] [⬇ Last Month's Usage] [All | Billable]

Showing **1–2** of **2** results

[🔍 Filter organizations]

ORGANIZATION	↓ INFRA HOSTS	INFRA HOURS	CONTAINERS
Kurian, Inc.	6	2,719	3
Production Environment	0	0	0

Chapter 5: Metrics, Events, and Tags
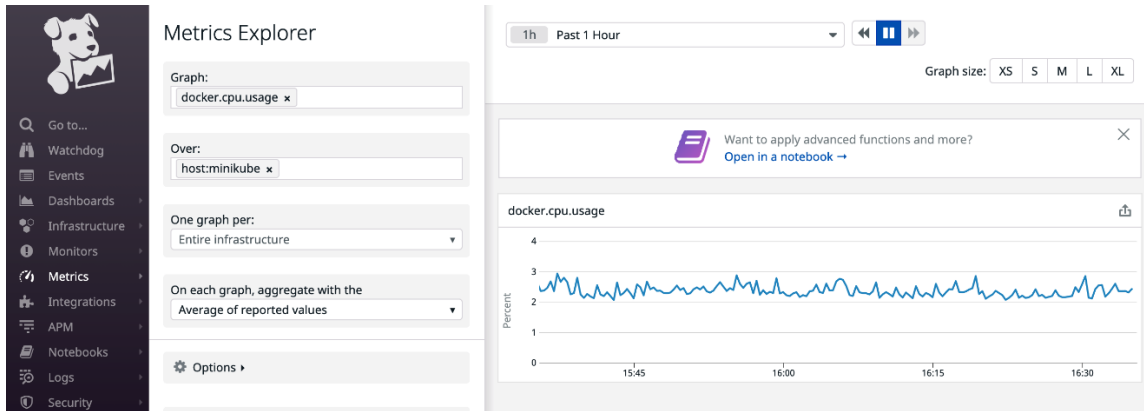
Metrics Summary   Distribution Metrics

All 193 metrics reporting across your infrastructure over the pa

Metric   🔍 redis

METRIC NAME

redis.cpu.sys
redis.mem.lua
redis.mem.rss
redis.cpu.user
redis.mem.peak
redis.mem.used
redis.net.slaves
redis.rdb.bgsave
redis.aof.rewrite
redis.net.clients
redis.keys.evicted
redis.keys.expired
redis.net.commands
redis.net.rejected
redis.net.maxclients
redis.clients.blocked
redis.info.latency_ms

DATADOG

- Watchdog
- Events
- Dashboards
- Infrastructure
- Monitors
- Metrics
- Integrations
- APM
- Notebooks
- Logs
- Security
- UX Monitoring
- Help
- Team

redis.mem.used

DISTINCT METRICS REPORTED	HOSTS	TAGS
1	1	3

Metadata

Unit: byte
Metric Type: gauge
Integration: redis
Description: Amount of memory allocated by Redis.
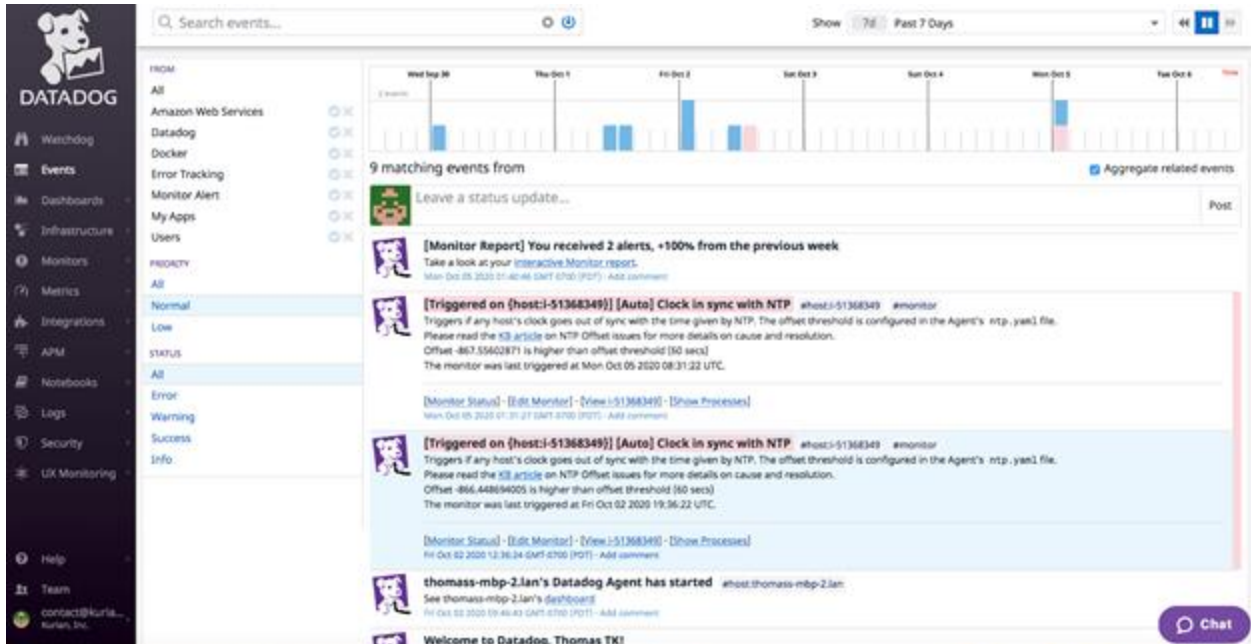
Edit

Hosts

i-021b5a51fbdfe237b

Tags

redis_host:localhost   redis_port:6379   redis_role:master

🔍 Search events...   Show 7d Past 7 Days

FROM
All
Amazon Web Services
Datadog
Docker
Error Tracking
Monitor Alert
My Apps
Users

PRIORITY
All
Normal
Low

STATUS
All
Error
Warning
Success
Info

Wed Sep 30   Thu Oct 1   Fri Oct 2   Sat Oct 3   Sun Oct 4   Mon Oct 5   Tue Oct 6

9 matching events from   ☑ Aggregate related events

Leave a status update...   Post

[Monitor Report] You received 2 alerts, +100% from the previous week
Take a look at your interactive Monitor report.
Mon Oct 05 2020 01:40:46 GMT-0700 (PDT) - Add comment

[Triggered on {host:i-51368349}] [Auto] Clock in sync with NTP #host:i-51368349 #monitor
Triggers if any host's clock goes out of sync with the time given by NTP. The offset threshold is configured in the Agent's ntp.yaml file.
Please read the KB article on NTP Offset issues for more details on cause and resolution.
Offset -867.55602871 is higher than offset threshold [50 secs]
The monitor was last triggered at Mon Oct 05 2020 08:31:22 UTC.

[Monitor Status] - [Edit Monitor] - [View i-51368349] - [Show Processes]
Mon Oct 05 2020 01:31:27 GMT-0700 (PDT) - Add comment

[Triggered on {host:i-51368349}] [Auto] Clock in sync with NTP #host:i-51368349 #monitor
Triggers if any host's clock goes out of sync with the time given by NTP. The offset threshold is configured in the Agent's ntp.yaml file.
Please read the KB article on NTP Offset issues for more details on cause and resolution.
Offset -866.44869400S is higher than offset threshold [60 secs]
The monitor was last triggered at Fri Oct 02 2020 19:36:22 UTC.

[Monitor Status] - [Edit Monitor] - [View i-51368349] - [Show Processes]
Fri Oct 02 2020 12:36:24 GMT-0700 (PDT) - Add comment

thomass-mbp-2.lan's Datadog Agent has started #host:thomass-mbp-2.lan
See thomass-mbp-2.lan's dashboard
Fri Oct 02 2020 09:46:43 GMT-0700 (PDT) - Add comment

Welcome to Datadog, Thomas TK!

Chat

DATADOG

- Watchdog
- Events
- Dashboards
- Infrastructure
- Monitors
- Metrics
- Integrations
- APM
- Notebooks
- Logs
- Security
- UX Monitoring
- Help
- Team
- contact@kurla...
  Kurlan, Inc.

Sat May 1 23:00
16 events
5:00   11:00   17:00   **Sun May 2** 23:00   5:00   11:00   17:00   Now
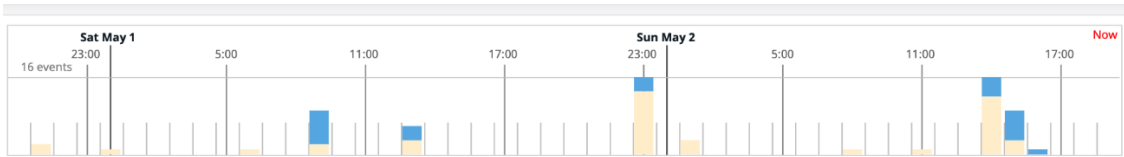
66 matching events from   ☑ Aggregate related events

Type custom times like:

Relative

`45m` `12 hours` `10d` `last month`

`this month` `yesterday` `today`

Fixed

`Oct 1` `Oct 1 - Oct 2` `10/1`

`10/1 - 10/2` `4:00 pm - 10:00 pm`

Unix timestamps

`1601444791 - 1602049591`

`View Docs`

7d	Sep 29, 11:00 pm – Oct 6, 11:00 pm
15m	Past 15 Minutes
1h	Past 1 Hour
4h	Past 4 Hours
1d	Past 1 Day
2d	Past 2 Days
7d	Past 7 Days
📅	Select from calendar...
···	**More**

🔍 ntp   ⊗ ⏻   Show   5mo   Dec 1, 2020, 12:00 am – Apr 30, 2021, 11:59 pm   ⏮ ▶ ⏭

FROM
All
Amazon Web Services ⊘ ✕
Datadog ⊘ ✕
Docker ⊘ ✕
Error Tracking ⊘ ✕
Kubernetes ⊘ ✕
Monitor Alert ⊘ ✕
My Apps ⊘ ✕
Users ⊘ ✕
Watchdog ⊘ ✕

PRIORITY
All
Normal
Low

STATUS
All
Error
Warning
Success
Info

Wed Dec 16   Thu Dec 31   Fri Jan 15   Sat Jan 30   Sun Feb 14   Mon Mar 1   Tue Mar 16   Wed Mar 31   Thu Apr 15
2 events

2 matching events from   ☐ Aggregate related events

Leave a status update...   Post

[Recovered on {host:docker-desktop}] [Auto] Clock in sync with NTP #host:docker-desktop #monitor
Triggers if any host's clock goes out of sync with the time given by NTP. The offset threshold is configured in the Agent's `ntp.yaml` file.
Please read the KB article on NTP Offset issues for more details on cause and resolution.
The monitor was last triggered at Mon Mar 15 2021 04:00:22 UTC.

[Monitor Status] · [Edit Monitor] · [View docker-desktop] · [Show Processes]

Sun Mar 14 2021 21:53:25 GMT-0700 (Pacific Daylight Time) · Add comment

[Triggered on {host:docker-desktop}] [Auto] Clock in sync with NTP #host:docker-desktop #monitor
Triggers if any host's clock goes out of sync with the time given by NTP. The offset threshold is configured in the Agent's `ntp.yaml` file.
Please read the KB article on NTP Offset issues for more details on cause and resolution.
Offset 191.0122732045 is higher than offset threshold (60 secs)
The monitor was last triggered at Mon Mar 15 2021 04:00:22 UTC.

[Monitor Status] · [Edit Monitor] · [View docker-desktop] · [Show Processes]

🔍 ntp   ⊗ ⏻

Save this search

Save your favorite searches and reuse them here

Leave a status update...   Post

[Recovered on {host:docker-desktop}] [Auto] Clock in sync with NTP   #host:docker-desktop   #monitor
Triggers if any host's clock goes out of sync with the time given by NTP. The offset threshold is configured in the Agent's `ntp.yaml` file.
Please read the KB article on NTP Offset issues for more details on cause and resolution.
The monitor was last triggered at Mon Mar 15 2021 04:00:22 UTC.

[Monitor Status] · [Edit Monitor] · [View docker-desktop] · [Show Processes]

Sun Mar 14 2021 21:53:25 GMT-0700 (Pacific Daylight Time)

@a   Post

all all
Thomas TK thomas@kurianinc.us
Datadog Support support-datadog
Thomas Theakanath contact@kurianinc.us
thomastk@gmail.com thomastk@gmail.com

[Trig   **ck in sync with NTP**   #monitor
Trigge   iven by NTP. The offset threshold is configured in the Agent's `ntp.yaml` file.
Please   tails on cause and resolution.
Offset   cs)
The m   2 UTC.

[Monitor Status] · [Edit Monitor] · [View docker-desktop] · [Show Processes]

---

2 matching events from   ☐ Aggregate related events

Leave a status update...   Post

contact@kurianinc.us
The deployment of Web UI service has been completed.
Sun May 02 2021 22:45:33 GMT-0700 (Pacific Daylight Time) · Add comment · Edit

[Recovered on {host:docker-desktop}] [Auto] Clock in sync with NTP   #host:docker-desktop   #monitor
Triggers if any host's clock goes out of sync with the time given by NTP. The offset threshold is configured in the Agent's `ntp.yaml` file.
Please read the KB article on NTP Offset issues for more details on cause and resolution.
The monitor was last triggered at Mon Mar 15 2021 04:00:22 UTC.

Chapter 6: Monitoring Infrastructure
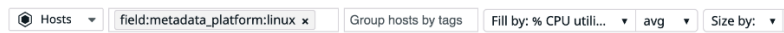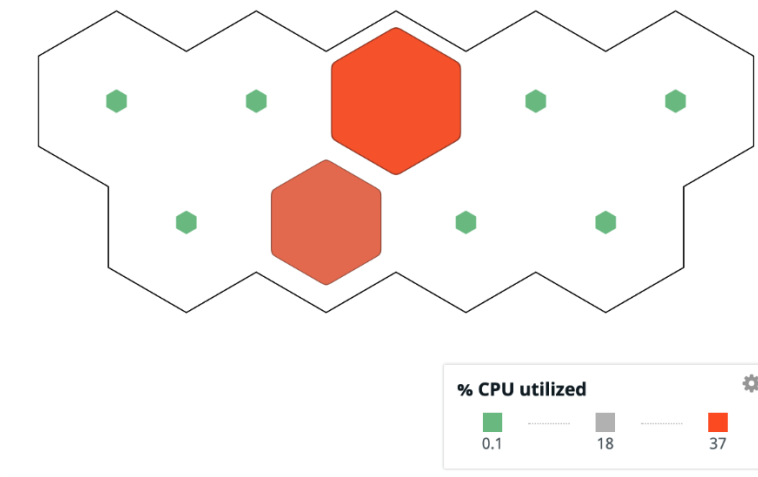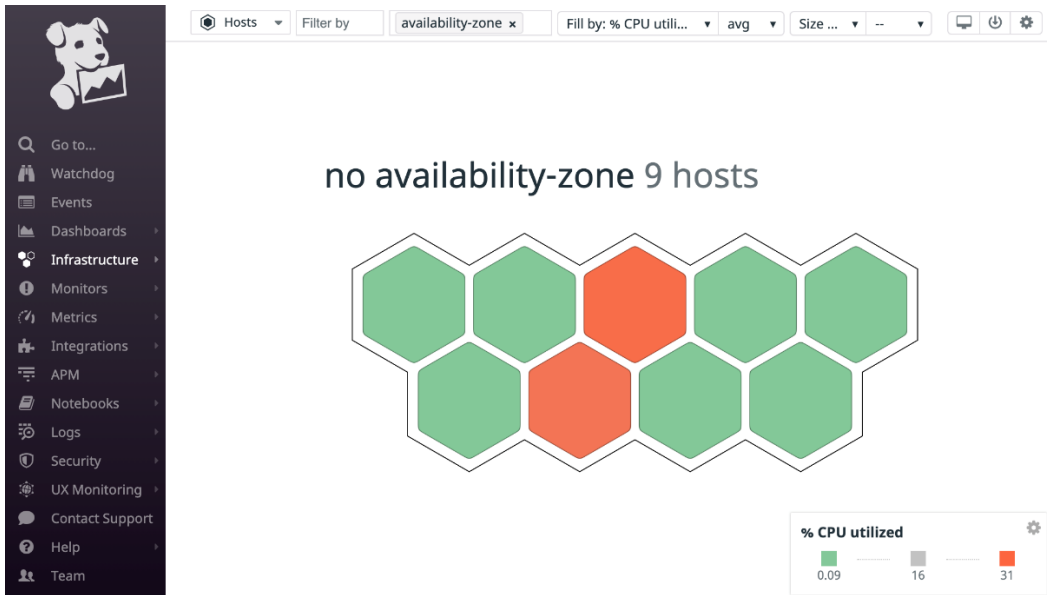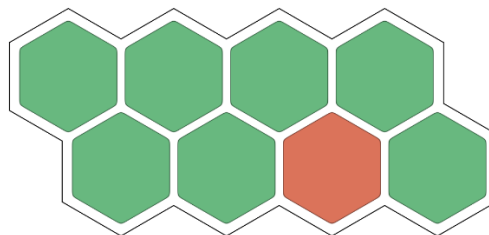
linux **8** hosts

darwin 1

% CPU utilized ⚙

🟩		⬜		🟥
0.1		22		44
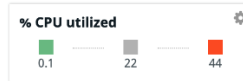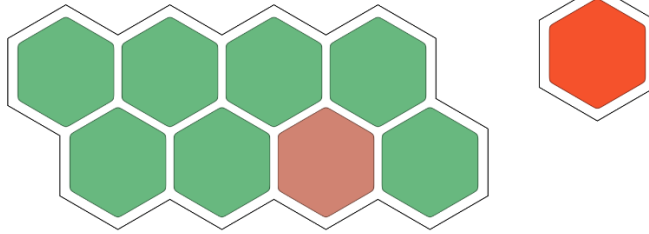
i-02b0731f68c4b1484

🔇 Mute Host

Aliases: ip-172-31-19-18.us-west-2.compute.internal, i-02b0731f68c4b1484
View host in: **Dashboard** | **Networks** | **Processes** | **Containers**

Apps ❓

agent   ntp
docker   system
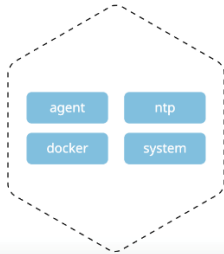
Agent
Datadog Agent: v7.21.0

System
> GNU/Linux - 1 CPU - 1 vCPU - 172.31.19.18 - 1.03G - 10.38G

Container
Docker Swarm inactive
Docker Version 19.03.6

Metrics (as of < 1 min ago)
% CPU utilized   1 %

Tags
📌 Datadog
host:i-02b0731f68c4b1484

👤 User

✏ Edit Tags

i-51368349

🔇 Mute Host

Aliases: ip-172-31-21-214.us-west-2.compute.internal, i-51368349
View host in: **Dashboard** | **Networks** | **Processes** | **Containers**

Apps ❓

agent
ntp
system

Metrics | Status Checks | Logs

Showing 45 agent metrics. *(agent dashboard)*

datadog.agent.python.version

1		
0.5		
0	23:00	23:30

datadog.agent.running

1		
0.5		
0	23:00	23:30

datadog.dogstatsd.client.bytes_dropp...

	23:00	23:30

datadog.dogstatsd.client.bytes_dropp...

datadog.dogstatsd.client.bytes_dropp...

datadog.dogstatsd.client.packets_dro...

i-021b5a51fbdfe237b

Aliases: **ip-172-31-12.us-west-2.compute.internal, i-021b5a51fbdfe237b**
View host in: **Dashboard** | **Networks** | **Processes** | **Containers**

Mute Host 🔊

Apps ❓

agent   ntp

docker   redisdb

system

Metrics   **Status Checks**

Showing 52 system metrics.*(system dashboard)*

CPU usage (%)

Processes memory usage

Load Averages 1-5-15

Memory breakdown

Available Swap

Disk usage by device (%)

Disk latency (by device)

Network traffic (bytes per sec)

---

i-51368349

Aliases: ip-172-31-21-214.us-west-2.compute.internal, i-51368349
View host in: **Dashboard** | **Networks** | **Processes** | **Containers**

🔇 Mute Host

Apps ❓

agent

ntp

system

Metrics   **Status Checks**   **Logs**

Showing 45 agent metrics.*(agent dashboard)*

datadog.agent.python.version

datadog.agent.running

datadog.dogstatsd.client.bytes_dropp...

datadog.dogstatsd.client.bytes_dropp...

datadog.dogstatsd.client.bytes_dropp...

datadog.dogstatsd.client.packets_dro...

⛶ 📤 ⚙️   Processes

📋 Copy   Cmd+C

📷 Send snapshot...

📤 Export to notebook

🔊 Declare incident

⬇ Download as PNG

⬇ Download as CSV

i-021b5a51fbdfe237b

Aliases: ip-172-31-31-12.us-west-2.compute.internal, i-021b5a51fbdfe237b

View host in: Dashboard | Networks | Processes | Containers

🔇 Mute Host

Apps ❓

- agent
- ntp
- docker
- redisdb
- snmp
- system

| Metrics | Status Checks | Logs |

Showing 4 docker metrics. *(docker dashboard)*

docker.containers.running.total

23:00   23:30

docker.containers.stopped

2

1

0

23:00   23:30

docker.containers.stopped.total

5

0

23:00   23:30

docker.containers.running

Load Averages 1-5-15

⤢ ↥ ⚙

0.1

0.05

system.load.1

0

0

05:50:00   12:00   18:00   Mon 19
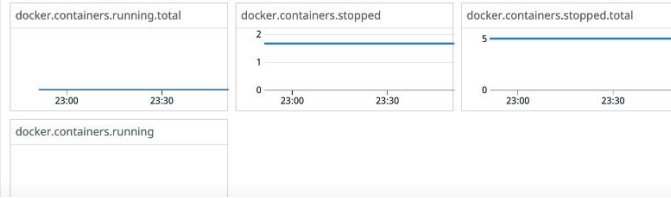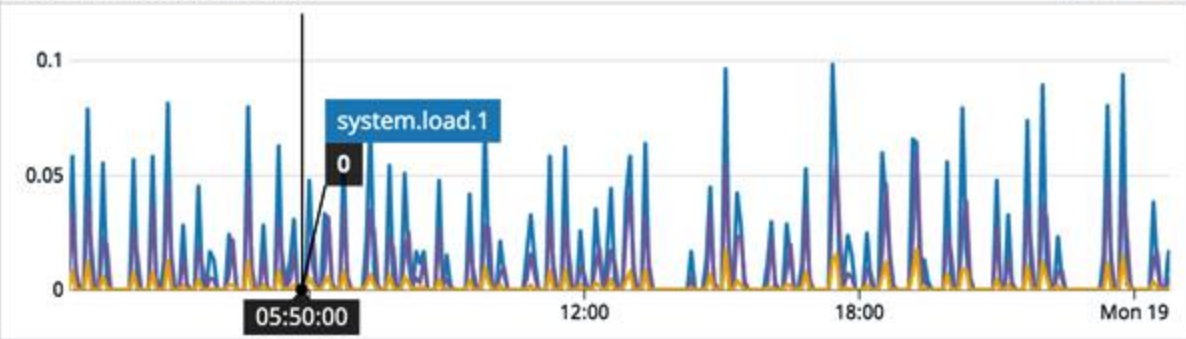
Available Swap ⚙

Load Averages 1-5-15 | Sun 18 Oct 05:50 (1 day ago)

- 🟦 0   system.load.1 {host:i-021b5a51fbdfe237b}
- 🟪 0   system.load.5 {host:i-021b5a51fbdfe237b}
- 🟨 0   system.load.15 {host:i-021b5a51fbdfe237b}

Available Swap

avg:system.swap.free
0 B

04:15:00   06:00   12:00   18:00   Mon 19
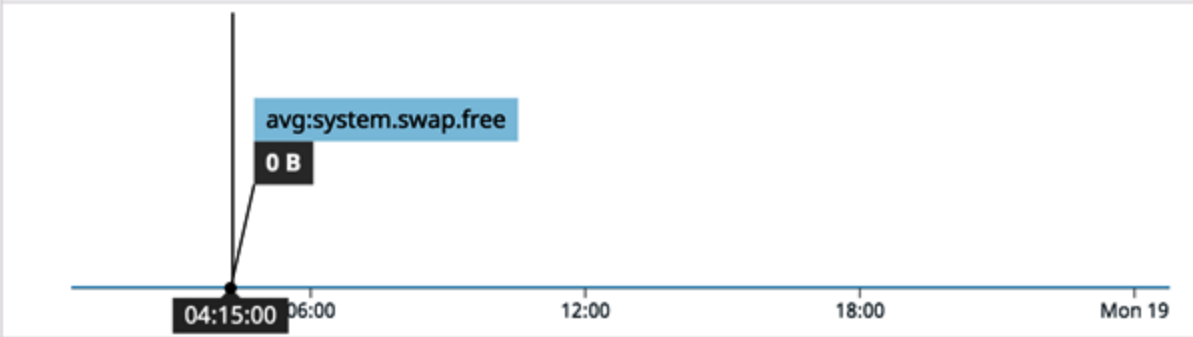
Available Swap | Sun 18 Oct 04:17 (2 days ago)

🟦	0 B	system.swap.free {host:i-021b5a51fbdfe237b}
🟦	0 B	system.swap.used {host:i-021b5a51fbdfe237b}

Load Averages 1-5-15

0.3

0.2

0.1

0

0.24

avg:system.load.1{host:i-51368349}

14:00   14:11:20   14:15   14:30   14:45
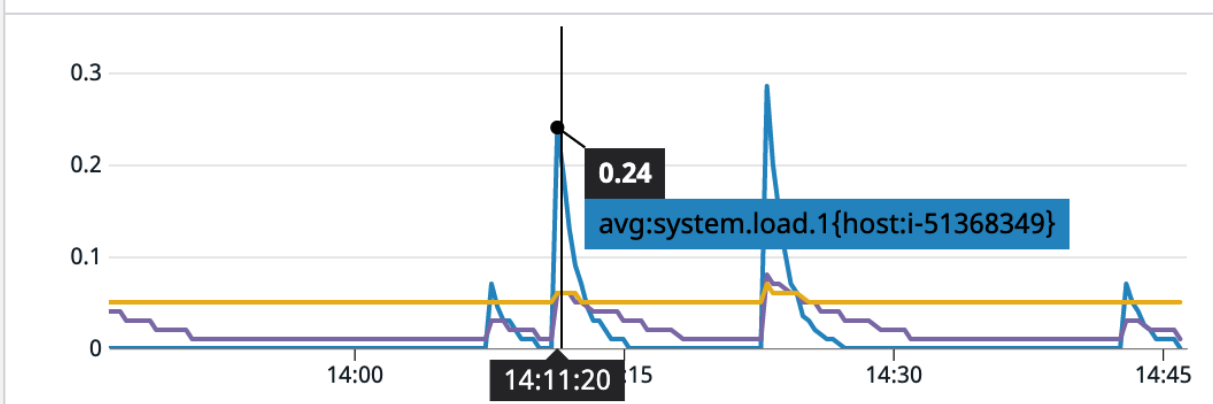
May 4, 2:11 pm (35 minutes ago)

🟦	0.24	system.load.1 {host:i-51368349}
🟪	0.06	system.load.5 {host:i-51368349}
🟧	0.06	system.load.15 {host:i-51368349}

Available Swap

4G

3G

2G

1.53G

avg:system.swap.free{host:thomass-mbp-2.lan}

1G

0G

14:00   14:15   14:30   14:38:20   14:45
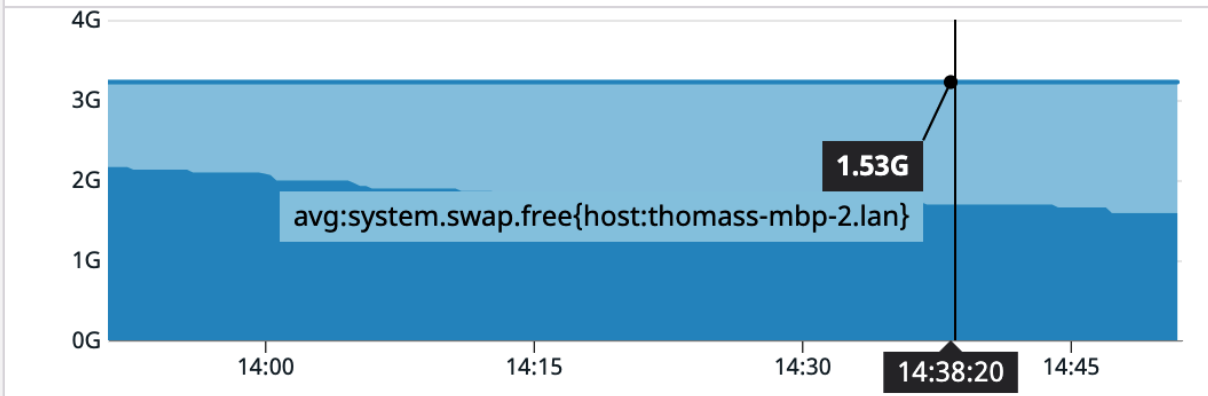
May 4, 2:38 pm (14 minutes ago)

🟦	**1.53G**	system.swap.free {host:thomass-mbp-2.lan}
🟦	**1.69G**	system.swap.used {host:thomass-mbp-2.lan}

Overview   Correlations   1h   May 2, 10:58 pm – May 2, 11:58 pm

Disk latency (by device)
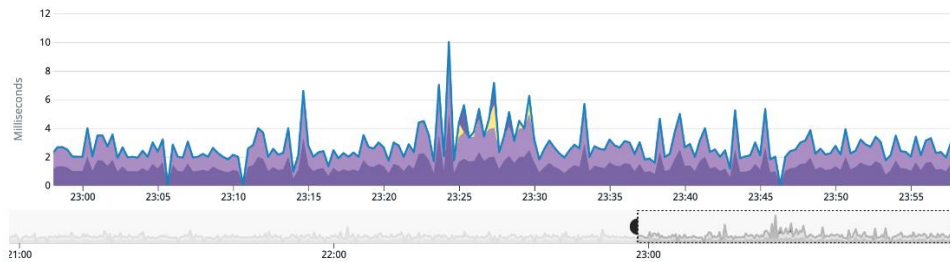
Quick Functions ▶]

0 functions applied

Transform graph

Smooth

Trend Line

Basic Anomalies

Seasonal Anomalies

Linear Forecast

Seasonal Forecast

Outliers

Derivative

Cumulative Sum

Compare to previous

☐ Hour   ☐ Quarter
☐ Day   ☐ Year

Tags	Metric	Avg	Min	Max	Sum	Value
🟦 device:loop0	system.io.await	0s	0s	0s	0s	0s
🟦 device:loop1	system.io.await	195.53ns	0s	35µs	35µs	0s
🟪 device:loop2	system.io.await	0s	0s	0s	0s	0s
🟪 device:loop3	system.io.await	28.32us	0s	1.89ms	5.07ms	0s

1h   May 2, 10:58 pm – May 2, 11:58 pm

Memory breakdown

Quick Functions ▸

0 functions applied

Transform graph

| Smooth |
| Trend Line |
| Basic Anomalies |
| Seasonal Anomalies |
| Linear Forecast |
| Seasonal Forecast |
| Outliers |
| Derivative |
| Cumulative Sum |

Compare to previous

☐ Hour   ☐ Quarter
☐ Day   ☐ Year
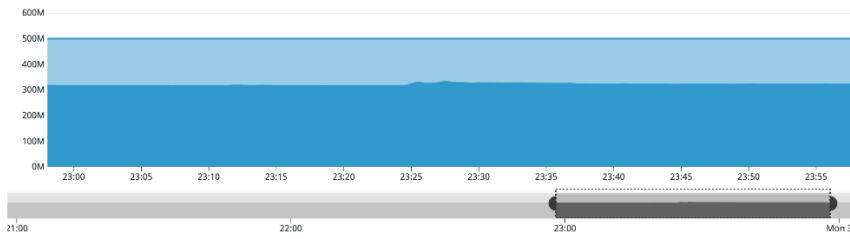
🔍 Filter series

Tags	Metric	Avg	Min	Max	Sum	Value
*	sum:system.mem.usable{host:i-021b5a51fbd...	177.26M	166.12M	181.49M	31.91G	172.63M
*	sum:system.mem.total{host:i-021b5a51fbdfe...	321.21M	316.98M	332.35M	57.82G	325.84M

1h   May 2, 10:58 pm – May 2, 11:58 pm

Disk usage by device (%)

full

🔍 Filter series

Tags	Metric	Avg	Min	Max	Sum	Value
device:/dev/loop0	(system.disk.in_use * 100)	100	100	100	18K	100
device:/dev/loop1	(system.disk.in_use * 100)	100	100	100	18K	100
device:/dev/loop3	(system.disk.in_use * 100)	100	100	100	18K	100
device:/dev/loop4	(system.disk.in_use * 100)	100	100	100	18K	100

1h   May 2, 10:58 pm – May 2, 11:58 pm
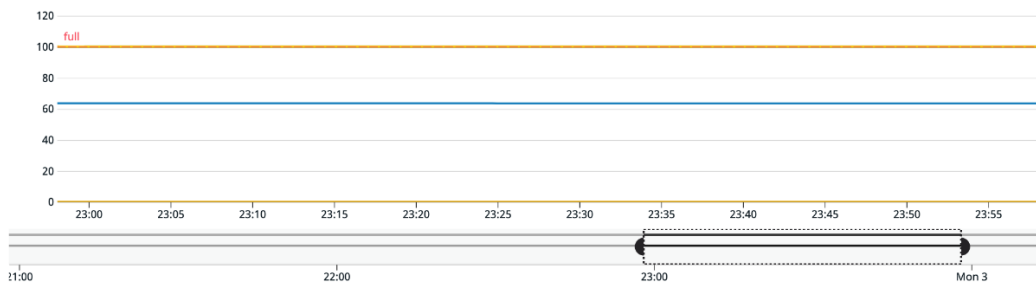
Network traffic (bytes per sec)

🔍 Filter series

Tags	Metric	Avg	Min	Max	Sum	Value
*	sum:system.net.bytes_rcvd{host:i-021b5a51fb...	755.82	657.6	1.86K	136.05K	770.4
*	0 - sum:system.net.bytes_sent{host:i-021b5a5...	-1.3K	-2.21K	-1.1K	-233.19K	-1.29K

Infrastructure List

9 hosts up of **9** total hosts

2h | Past 2 Hours

Search by | Search or select tags

Group by | Select tag keys

Showing **1–9** of **9** hosts

Options

HOSTNAME	STATUS	↓ CPU	IOWAIT	LOAD 15	APPS
thomass-mbp-2.lan	ACTIVE	46.2%	0%	1.74	ntp system
minikube	ACTIVE	33.9%	< 0.1%	0.9	coredns docker kubernetes network ntp system
i-063c5924... bfe51b	ACTIVE	1.18%	0.13%	< 0.01	ntp system
i-02b0731f... 4b1484	ACTIVE	0.99%	< 0.1%	< 0.01	docker ntp system
i-51368349	ACTIVE	0.83%	< 0.1%	0.05	ntp system
i-021b5a51... fe237b	ACTIVE	0.68%	< 0.1%	< 0.01	1 integration issue docker ntp snmp system
i-0a4731d... 19947d	ACTIVE	0.31%	< 0.1%	0.06	ntp system
i-006d458... 4d086a	ACTIVE	0.26%	< 0.1%	0	kurian nginx ntp system
i-0f766f22... 44540a	ACTIVE	0.13%	< 0.1%	0	ntp system

Containers

LIVE | May 3, 12:28 am

Search | Filter by | Select tags | Group by | Group by tag

- Go to...
- Watchdog
- Events
- Dashboards
- Infrastructure
- Monitors
- Metrics
- Integrations
- APM
- Notebooks
- Logs
- Security
- UX Monitoring
- Contact Support
- Help
- Team

Select a resource (6)

- Containers
- Pods
- Deployments

> CORE

∨ INFRASTRUCTURE

∨ Host	Group
☐ minikube	
> Datacenter	Group
> Instance Id	Group
> Instance Type	Group
> Security Group Name	Group

> Summary Graphs

Hide Controls | Showing **1–14** of **14** matching containers

Display Options | Customize

NAME	CPU %	↓ RSS MEMORY	TX	RX	STATUS	STARTED (AGO)
kube-apiserver_kube-apiserver-min...	7%	243 MB	4.90 KB	3.48 KB	UP	24 days
agent_datadog-agent-vkjzh	1%	88 MB	1.48 KB	1.26 KB	UP	10 hours
etcd_etcd-minikube	2%	55 MB	4.90 KB	3.48 KB	UP	25 days
kube-controller-manager_kube-con...	2%	54 MB	4.90 KB	3.48 KB	UP	25 days
process-agent_datadog-agent-vkjzh	2%	40 MB	1.48 KB	1.26 KB	UP	25 days
kube-scheduler_kube-scheduler-mi...	0%	15 MB	4.90 KB	3.48 KB	UP	25 days
coredns_coredns-74ff55c5b-94tr2	< 1%	15 MB	33.0 B	571 B	UP	24 days
kube-proxy_kube-proxy-sr67d	0%	11 MB	4.90 KB	3.48 KB	UP	25 days
kubernetes-dashboard_kubernetes...	0%	9 MB	-	-	UP	24 days

redis-server *:6379

Started about 5 hours ago   Tue, Oct 20, 8:28:46 pm

HOST
⬡ i-021b5a51fbdfe237b

USERNAME
uid:999

PID
14296

ALL TAGS

host:i-021b5a51fbdfe237b   command:redis-server   docker_image:redis:2.8   image_name:redis   image_tag:2.8   +2

FULL COMMAND

```
redis-server *:6379
```

Metrics   Similar Processes

15m   Past 15 Minutes   ▼   ⏮ ⏸ ⏭

Total CPU % ▼   Avg: 0.07 % (Latest: 0 %)   ⬆   RSS Memory ▼   Avg: 1.1 MiB (Latest: 1.1 MiB)   ⬆

⊡ Views   🔀 Processes ▼   ➕ Save   LIVE May 3, 12:31 am ▼   ⏮ ⏸ ⏭

Overview   Increase Retention NEW

🔍 Go to...
📍 Watchdog
▦ Events
📊 Dashboards ›
⚙ Infrastructure ›
ⓘ Monitors ›
📈 Metrics ›
🔧 Integrations ›
⧉ APM ›
📓 Notebooks ›
🗒 Logs ›
🔒 Security ›
⬡ UX Monitoring ›
💬 Contact Support
❓ Help ›
👥 Team

🔍 Search | Filter by   Select tags ▼ | Group by   Group by tag ▼ | ➕ Create Metric ▼

⌄ CORE
> Command   Group
> User   Group
> Service   Group
> Env   Group
> Team   Group
> Role   Group
> App   Group
⌄ INFRASTRUCTURE
⌄ Host   Group
  ☐ i-021b5a51fbdfe237b

> Summary Graphs

◁ Hide Controls | Showing **1–32** of **32** matching processes   ⚙ Display Options   ⚙ Customize

PROCESS	USERNAME	HOST	CPU %	↓ RSS MEMORY	STARTED (AGO)
agent run -p /opt/datad...	dd-agent	i-021b5a51fbdfe237b	0%	77 MB	2 days
dockerd -H fd:// --contai...	root	i-021b5a51fbdfe237b	0%	42 MB	2 days
process-agent --config=...	dd-agent	i-021b5a51fbdfe237b	1%	36 MB	2 days
systemd-journald	root	i-021b5a51fbdfe237b	0%	27 MB	2 days
containerd	root	i-021b5a51fbdfe237b	0%	20 MB	2 days
snapd	root	i-021b5a51fbdfe237b	0%	18 MB	2 days
ssm-agent-worker	root	i-021b5a51fbdfe237b	0%	17 MB	2 days
trace-agent --config /etc...	dd-agent	i-021b5a51fbdfe237b	0%	15 MB	2 days

Chapter 7: Monitors and Alerts
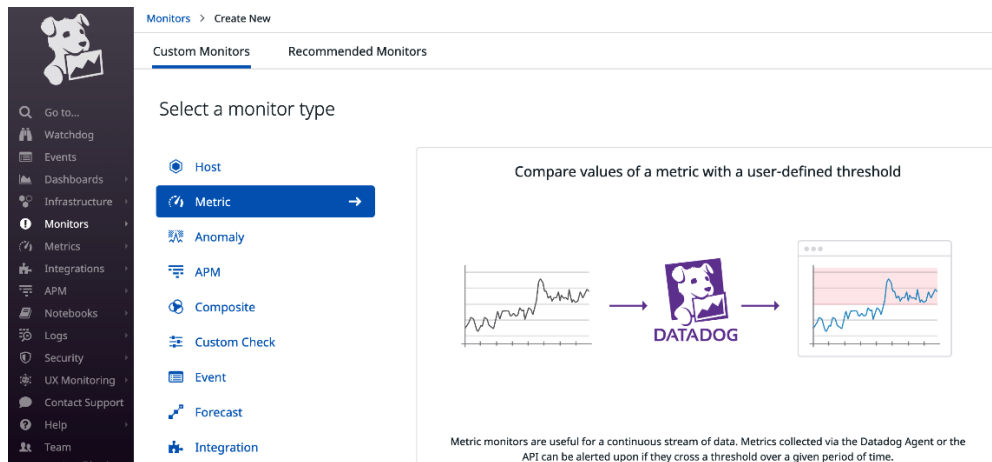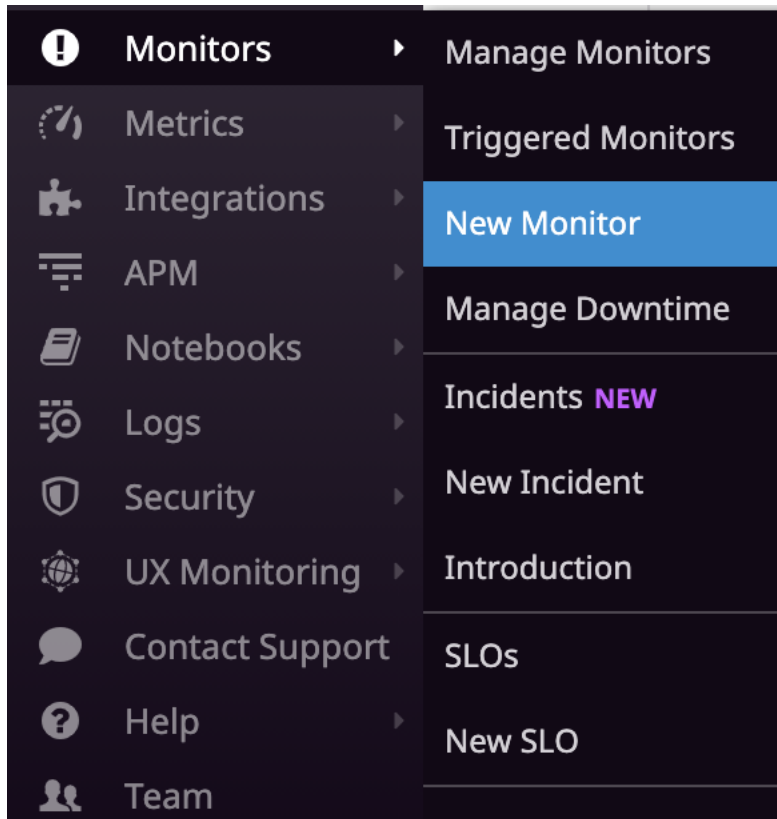
1 ∨ Choose the detection method

| Threshold Alert | Change Alert | Anomaly Detection | Outliers Alert | Forecast Alert |

An alert is triggered whenever a metric crosses a threshold. ❓

2 ∨ Define the metric

Source | **Edit**

| a | Metric | system.disk.free | from | host:i-021b5a51fbdfe237b × , device:/dev/xvda1 × | avg by | (everything) | ➕ | </>

Advanced...

Simple Alert ▾ Trigger a single alert when your metric satisfies your alert conditions. ❓

3 ∨ Set alert conditions

Trigger when the metric is | below ▾ | the threshold | on average ▾ | during the last | 5 minutes ▾

Alert threshold: < | 500000000 | **(476.84 MiB)**

Warning threshold: < | 1000000000 | **(953.67 MiB)**

Alert recovery threshold: >= | Optional

Warning recovery threshold: >= | Optional

Require ▾ a full window of data for evaluation. ❓

Note: We highly recommend you select "Do Not Require" for sparse metrics, otherwise some evaluations will be skipped.
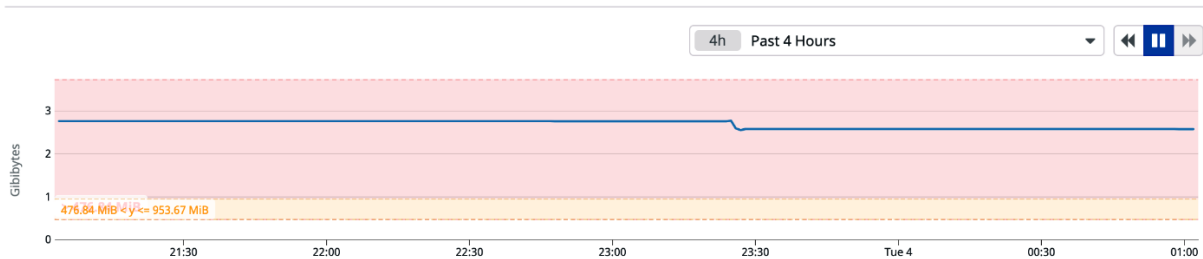
Do not notify ▾ if data is missing. ❓

Note: we recommend the missing data window be at least 2x the evaluation period above

[Never] ▾ automatically resolve this event from a triggered state. ❓

Delay evaluation by | 0 | seconds ❓

New Monitor / **Metric**

4h | Past 4 Hours ▾ | ⏪ ⏸ ⏩

476.84 MiB < y <= 953.67 MiB

④ ⌄ Say what's happening

Preview | ✎ Edit   Markdown Help | ❓ Use Message Template Variables

Example Monitor Name: CPU load is very high on {{host.name}}

Example Monitor Message:

{{#is_alert}} To fix follow these steps
   1. ...
   2. ...
{{/is_alert}}

{{#is_recovery}} CPU load is back to normal, phew! {{/is_recovery}}

Notify: @ops-oncall, More information: [Ops Guide](http://ops.myorg.com/guide)

Tags: [Select or add related tags ▼] ❓

[Never] ▼ renotify if the monitor has not been resolved ❓

Priority: [Not Defined ⊗ ▼]

④ ⌄ Say what's happening

Preview | ✎ Edit   Markdown Help | ❓ Use Message Template Variables

Storage is low on host {{host_name}}

{{#is_warning}}
Warning: The storage is low on {{value}} . Reclaim space on it to recover.
{{/is_warning}}

{{#is_alert}}
Critical: The storage is very low on {{value}} . Reclaim space immediately to recover.
{{/is_alert}}

Consult runbook for remedial steps.

@oncall-team@mycompany.com

Tags: [monitor-type:infra ✕   ⊗ ▼] ❓

[Never] ▼ renotify if the monitor has not been resolved ❓

Priority: [Not Defined ⊗ ▼]

Every 10 minutes ▼ renotify if the monitor has not been resolved ❓

Escalation message

Preview | ✎ Edit

Example Monitor Escalation Message:

CPU Load is still high, we need to fix this ASAP

To fix follow these steps
   1. ...
   2. ...

Notify: @ops-oncall @ops-backup @ops-chatroom, [Ops Guide](http://ops.myorg.com/guide)

Priority: [P1 (Critical) ⊗ ▼]

5 ⌄ Notify your team

| @oncall-team@mycompany.com ✕ | ⌄ |

Do not notify ⌄ alert recipients when this alert is modified ❓

Do not restrict ⌄ editing this monitor to its creator or administrators ❓

| Test Notifications | Export Monitor | **Save** |

▣ Views | ❶ Monitors | Save View | **+ New Monitor**

Manage Monitors | Triggered Monitors | Manage Downtime

🔍 Filter monitors

☷ Hide Controls | Showing **1–5** of **5** results | Mute ⌄ | Resolve | Delete | Edit Tags ⌄

⌄ **Status**
- ☐ Triggered — 2
- ☐ ▎ Alert — 0
- ☐ ▎ Warn — 0
- ☐ ▎ No Data — 2
- ☐ ▎ OK — 3

❯ **Muted**

❯ **Priority**

☐	PRIORITY	STATUS	NAME ↑	TAGS	🔔
☐	-	OK	Disk space on root disk on webserv...		🔔
☐	-	NO DATA	Hourly order count fell below 100	product:cute-game1	
☐	-	OK 🔊	Storage is low on host {{host.name}}	monitor-type:infra	🔔
☐	-	NO DATA	Storage is low on host {{host.name...	monitor-type:infra	🔔
☐	-	OK 🔊	[Auto] Clock in sync with NTP		

Sidebar: Go to..., Watchdog, Events, Dashboards, Infrastructure, Monitors, Metrics, Integrations, APM, Notebooks, Logs

---

☐	STATUS	NAME ↑	TAGS	🔔
☐	OK	Disk space on root disk on webserver is low		🔔
☐	OK	Storage is low on host {{host.name}}	monitor-type:infra	Clone 🔔
☐	OK	[Auto] Clock in sync with NTP		✏️ ⧉ 🔇 🗑️

```
{
        "id": 27081898,
        "name": "Storage is low  on host {{host.name}}",
        "type": "metric alert",
        "query": "avg(last_5m):avg:system.disk.free{host:i-021b5a51fbdfe237b,device_name:xvda1} < 500000000",
        "message": "{{#is_warning}}\nWarning: The disk space is down to {{value}}. Reclaim to space on the partition.
\n{{/is_warning}} \n{{#is_alert}}\nCritical: The disk space is very low on the partition and it's down to {{value}}.
Reclaim space to avoid outage.\n{{/is_alert}} \nPlease refer on-call run book for corrective action.\n \n@on-call-
team@mycompany.com",
        "tags": [
                "monitor-type:infra"
        ],
        "options": {
                "notify_audit": false,
                "locked": false,
                "timeout_h": 0,
                "new_host_delay": 300,
                "require_full_window": true,
                "notify_no_data": false,
                "renotify_interval": 10,
                "escalation_message": "",
                "no_data_timeframe": null,
                "include_tags": true,
                "thresholds": {
                        "critical": 500000000,
                        "warning": 1000000000
                }
        }
}
```

🗗 Copy

ⓘ Monitors   **+ New Monitor**

Manage Monitors   Triggered Monitors   **Manage Downtime**

🔧 Schedule Downtime

Showing **0–0** of **0** results   🔍 Filter downtimes

STATUS	SCOPE	MONITOR TAGS	MONITOR	↓ START	END

🔍

No matching results found

Sidebar:
- Watchdog
- Events
- Dashboards
- Infrastructure
- Monitors
- Metrics
- Integrations
- APM
- Notebooks
- Logs
- Security
- UX Monitoring
- Help
- Team
- contact@kuria...
  Kurian, Inc.

Schedule Downtime   ✕

1 **Choose what to silence**

[By Monitor Name] [By Monitor Tags]

Monitor:

| Storage is low on host {{host.name}} | ⊗ ▾ |

Group scope (optional, default all groups):

| Select a scope | ▾ |

ⓘ Preview affected monitors   ❓

2 **Schedule**

[One Time] [Recurring]

Start: | 2020/12/10 | 10:03 PM 🕐 | Time Zone: | America/Los_Angeles ▾ |

End: | End (optional) | --:-- -- |

3 **Add a message**

[👁 Preview] [✏ Edit]   ❓ Markdown Formatting Help

Enter a short message here if you'd like one to accompany this downtime. You can use the same '@handle' notation you're familiar with to send email notifications.

4 **Notify your team**

| Notify your services and your team members | ▾ |

[Cancel] [Save]

Chapter 8: Integrating with Platform Components

Integrations   Marketplace   APIs   Agent   Embeds

🔍 Search for an integration... | Available ▼ |

Available

.NET **.NET CLR Integration** + Available	.NET **.NET Runtime Metrics** + Available	Active Directory **Active Directory Integration** + Available	Apache ACTIVE MQ **ActiveMQ Integration** + Available
AEROSPIKE **Aerospike Integration** + Available	Airbrake.io **Airbrake** + Available	Apache Airflow **Airflow Integration** + Available	Akamai **Akamai DataStream** + Available

✕

NGINX

Nginx Integration

Monitor connection and request metrics. Get more metrics with NGINX Plus.

AVAILABLE

Overview   Configuration   Metrics   Monitors

The Datadog Agent can collect many metrics from NGINX instances, including (but not limited to)::

- Total requests
- Connections (e.g. accepted, handled, active)

For users of NGINX Plus, the commercial version of NGINX, the Agent can collect the significantly more metrics that NGINX Plus provides, like:

- Errors (e.g. 4xx codes, 5xx codes)
- Upstream servers (e.g. active connections, 5xx codes, health checks, etc.)
- Caches (e.g. size, hits, misses, etc.)
- SSL (e.g. handshakes, failed handshakes, etc.)

🔍 nginx

Available

Nginx Integration

Monitor connection and request metrics. Get more metrics with NGINX Plus.

+ Install

NGINX Ingress Controller

nginx-ingress-controller

+ Available

Metrics Explorer

1h Past 1 Hour ▾ ⏪ ⏸ ⏩

Graph size: XS S M L XL
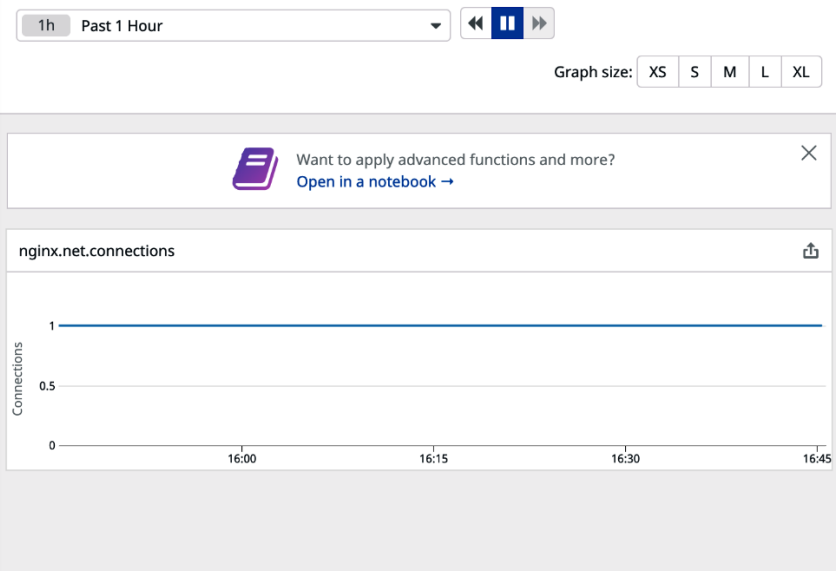
Graph:

nginx.net.connections ✕

Over:

host:i-006d45887174d086a ✕

One graph per:

Entire infrastructure ▾

On each graph, aggregate with the

Average of reported values ▾

⚙ Options ▸

Export these graphs to:

New dashboard   Existing dashboard

📕 Want to apply advanced functions and more?
Open in a notebook →

✕

nginx.net.connections   ⬆

Connections

1

0.5

0

16:00   16:15   16:30   16:45

Metrics Explorer

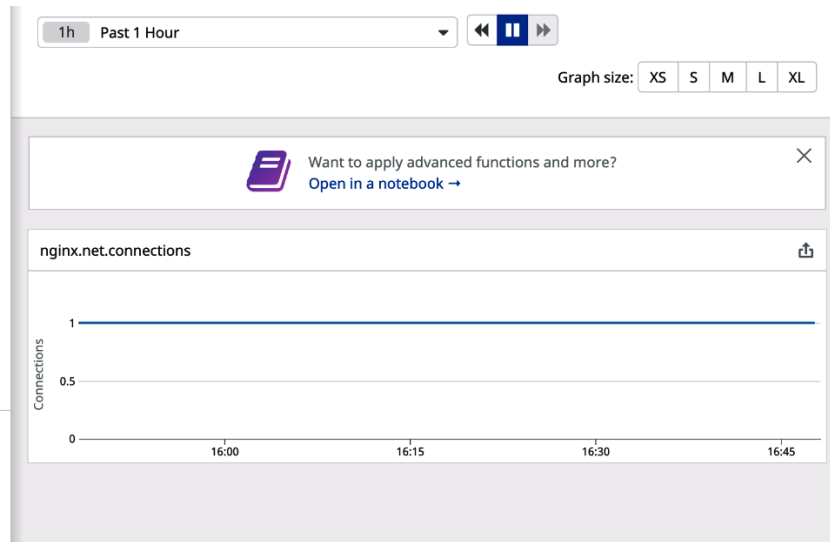**Graph:**
nginx.net.connections ✕

Over:
role:proxy-server ✕

One graph per:
Entire infrastructure ▾

On each graph, aggregate with the
Average of reported values ▾

⚙ Options ▸

Export these graphs to:
New dashboard | Existing dashboard

1h | Past 1 Hour ▾   ◀◀ ⏸ ▶▶

Graph size: XS S M L XL

📘 Want to apply advanced functions and more?
Open in a notebook → ✕

nginx.net.connections ⬆

Connections
1
0.5
0
16:00   16:15   16:30   16:45
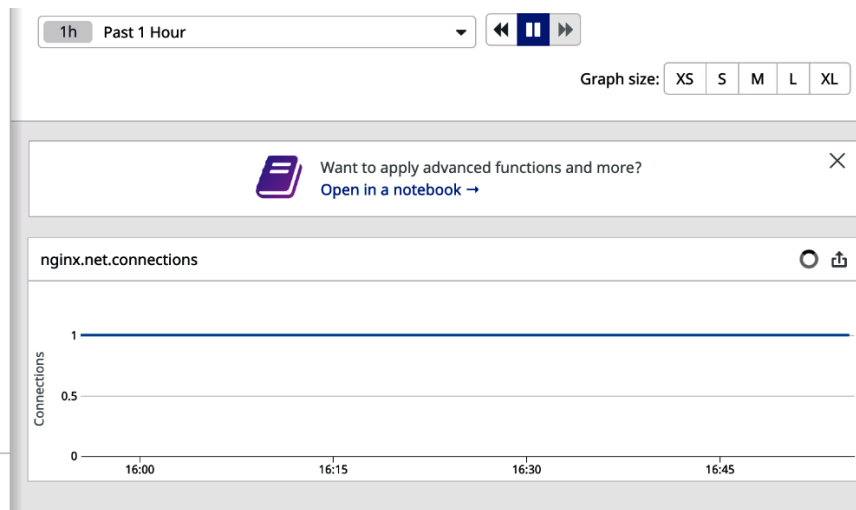

Metrics Explorer

Graph:
nginx.net.connections ✕

Over:
nginx-version:open-source ✕
component:nginx ✕

One graph per:
Entire infrastructure ▾

On each graph, aggregate with the
Average of reported values ▾

⚙ Options ▸

1h | Past 1 Hour ▾   ◀◀ ⏸ ▶▶

Graph size: XS S M L XL

📘 Want to apply advanced functions and more?
Open in a notebook → ✕

nginx.net.connections ○ ⬆

Connections
1
0.5
0
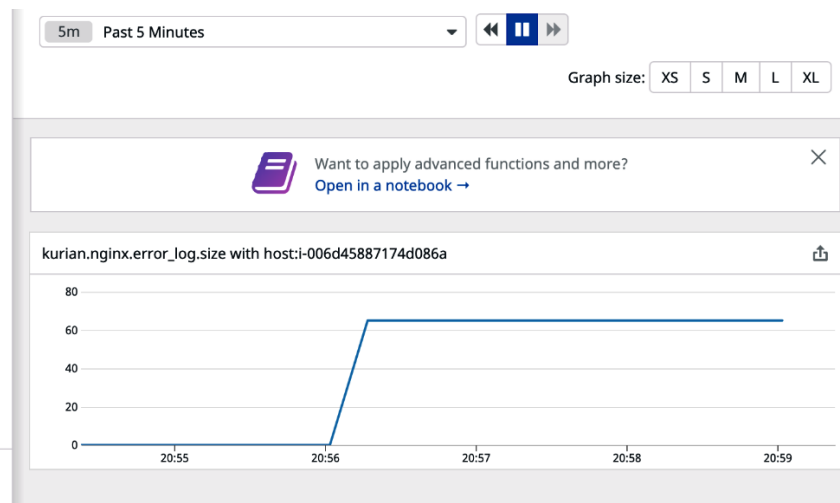16:00   16:15   16:30   16:45

Metrics Explorer

Graph:
kurian.nginx.error_log.size ✕

Over:
component:nginx ✕

One graph per:
host ✕ ▾
host:i-006d45887174d086a ✓

On each graph, aggregate with the
Average of reported values ▾

⚙ Options ▸

5m | Past 5 Minutes ▾   ◀◀ ⏸ ▶▶

Graph size: XS S M L XL

📘 Want to apply advanced functions and more?
Open in a notebook → ✕

kurian.nginx.error_log.size with host:i-006d45887174d086a ⬆

80
60
40
20
0
20:55   20:56   20:57   20:58   20:59

ACTIVE ⬡ Host name: i-006d45887174d086a 📋   🔇 Mute Host   Open in Host Dashboard ⧉

🐧 Linux   🦴 v7.26.0 | Aliases: ⬡ ip-172-31-8-61.us-west-2.compute.internal

| Host Info | Metrics | Containers | Processes | Network | Logs | Security |

Tags   🔍 Search Tags

🦴 Datadog Agent ❓

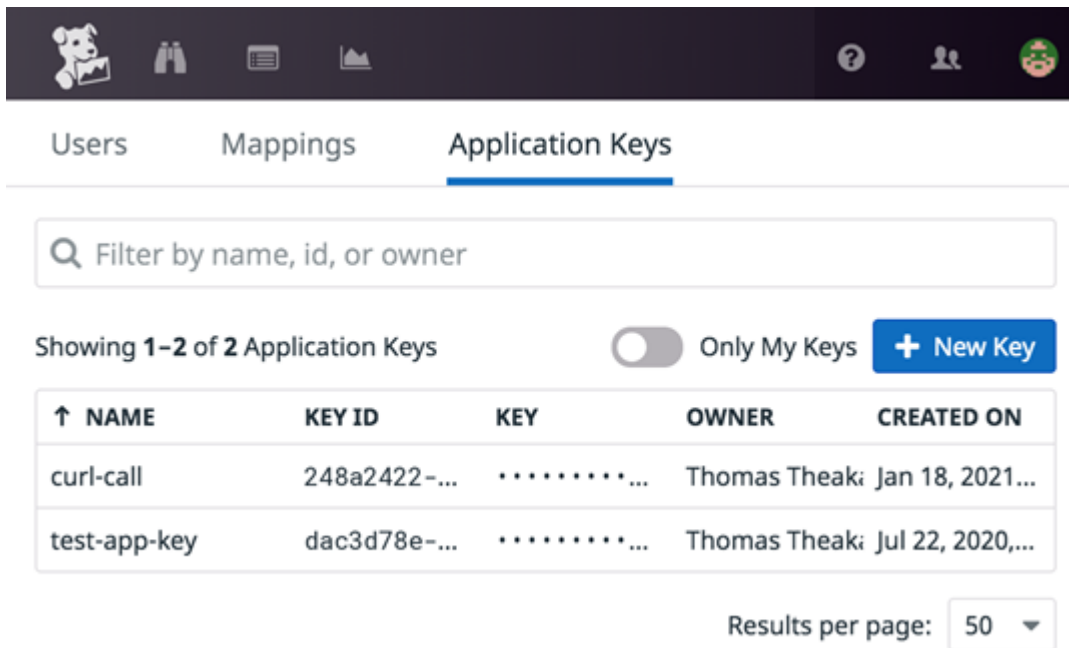role:proxy-server   host:i-006d45887174d086a

👤 User ❓

✏️ Edit Tags

Apps   kurian   nginx   ntp   system

Chapter 9: Using the Datadog REST API

∨ API Keys

Your **API keys** are unique to your organization. An API key is required by the **Datadog Agent** to submit metrics and events to Datadog.

Name	Key	Created by	Created at (UTC)		
tutorial		contact@kurianinc.us	2021-01-19 07:25:39	Revoke	✎
kuriankey		contact@kurianinc.us	2020-08-10 09:05:37	Revoke	✎
		contact@kurianinc.us	2020-05-07 22:51:26	Revoke	✎

New API key

API key name	Create API Key

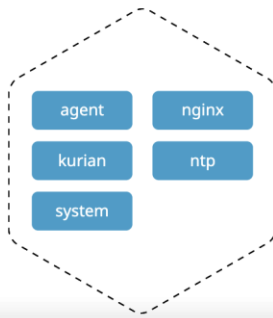
i-006d45887174d086a

🔊 Unmute Host

Aliases: ip-172-31-8-61.us-west-2.compute.internal, i-006d45887174d086a
View host in: **Dashboard** | **Networks** | **Processes** | **Containers**

Apps ❓

- agent
- nginx
- kurian
- ntp
- system

Agent
Datadog Agent: v7.26.0

System

> GNU/Linux - 2 CPU - 2 vCPU - 172.31.8.61 - 4.14G - 15.30G

Metrics (as of < 1 min ago)
% CPU utilized   0.2 %

Tags
🔖 Datadog
role:proxy-server   host:i-006d45887174d086a
👤 User

✎ Edit Tags

Leave a status update...   Post

Event from Datadog tutorial book   #application:pymonitor   #host:thomass-mbp-2.lan
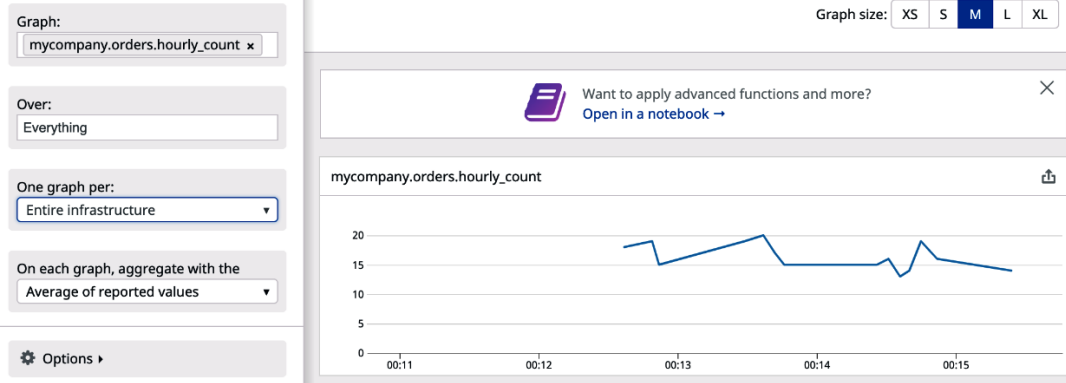Hello World! My test program finally worked and posted an event!
Sun Jan 24 2021 19:19:19 GMT-0800 (Pacific Standard Time) · Add comment

A new API key has been created.   #account   #audit
API key tutorial created by contact@kurianinc.us in org Kurian, Inc.
Mon Jan 18 2021 23:25:39 GMT-0800 (Pacific Standard Time) · Add comment

Metrics Explorer

Graph:

mycompany.orders.hourly_count ✕

Over:

Everything

One graph per:

Entire infrastructure ▾

On each graph, aggregate with the

Average of reported values ▾

⚙ Options ▸

5m | Past 5 Minutes ▾ | ◀◀ ⏸ ▶▶

Graph size: XS S **M** L XL

📘 Want to apply advanced functions and more?
Open in a notebook → ✕

mycompany.orders.hourly_count ⬆

---

15 matching events from

☑ Aggregate related events

| Leave a status update... | Post |

Posted hourly sales count #fulfillment_type:download #product:cute-game1 #host:thomass-mbp-2.lan

Hourly sales count has been queried from order fulfillment system and posted to Datadog for tracking.
Hourly Count: 14
Wed May 05 2021 00:15:25 GMT-0700 (Pacific Daylight Time) · Add comment

Posted hourly sales count #fulfillment_type:download #product:cute-game1 #host:thomass-mbp-2.lan

Hourly sales count has been queried from order fulfillment system and posted to Datadog for tracking.
Hourly Count: 16
Wed May 05 2021 00:14:52 GMT-0700 (Pacific Daylight Time) · Add comment

Posted hourly sales count #fulfillment_type:download #product:cute-game1 #host:thomass-mbp-2.lan

Hourly sales count has been queried from order fulfillment system and posted to Datadog for tracking.
Hourly Count: 19
Wed May 05 2021 00:14:45 GMT-0700 (Pacific Daylight Time) · Add comment

---

❗ Monitors

➕ New Monitor

Manage Monitors | **Triggered Monitors** | Manage Downtime

🔍 Filter monitors

◀ Hide Controls | Showing **1–1** of **1** result

Mute ▾ | Resolve

⌄ **Status**	
☐ ▌Alert	1
☐ ▌Warn	0
☐ ▌No Data	0
› **Muted**	
⌄ **Triggered Within...**	
☐ 30min	1
☐ 1hr	1
☐ 12hr	1
☐ 24hr	1
☐ [0] min	

	PRIORITY	STATUS	NAME	GROUP	TRIGGERED ↓
☐	-	**ALERT**	Hourly order count fell below 100	*	🕐 8m

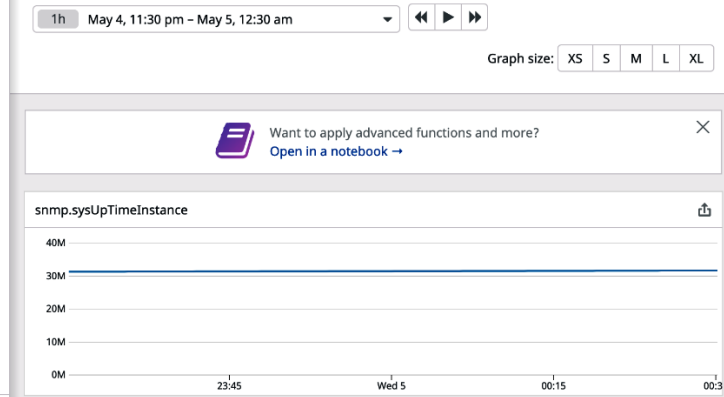# Chapter 10: Working with Monitoring Standards

Metrics Explorer

Graph:
snmp.sysUpTimeInstance ×

Over:
metrics-type:ubuntu-snmp ×
integration:snmp ×
host:i-021b5a51fbdfe237b ×

One graph per:
Entire infrastructure ▼

On each graph, aggregate with the
Average of reported values ▼

1h | May 4, 11:30 pm – May 5, 12:30 am | ◀◀ ▶ ▶▶

Graph size: XS S M L XL

Want to apply advanced functions and more?
Open in a notebook →   ×

snmp.sysUpTimeInstance

40M
30M
20M
10M
0M
                23:45   Wed 5   00:15   00:3

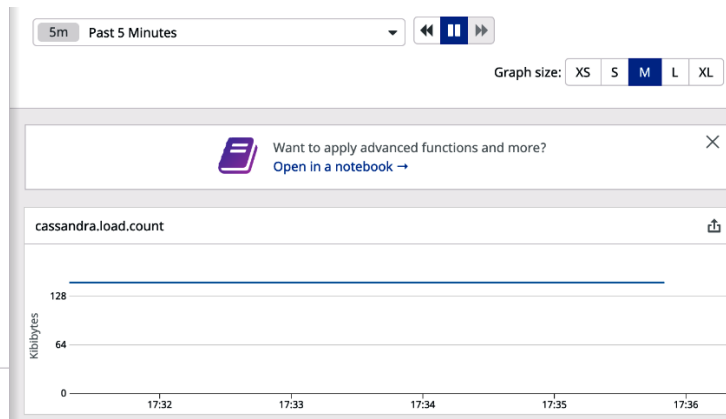## Metrics Explorer

Graph:
cassandra.load.count ×

Over:
host:i-006d45887174d086a ×

One graph per:
Entire infrastructure ▼

On each graph, aggregate with the
Average of reported values ▼

⚙ Options ▸

5m | Past 5 Minutes | ◀◀ ❚❚ ▶▶

Graph size: XS S M L XL

Want to apply advanced functions and more?
Open in a notebook →   ×

cassandra.load.count

128

Kibibytes 64

0
      17:32   17:33   17:34   17:35   17:36
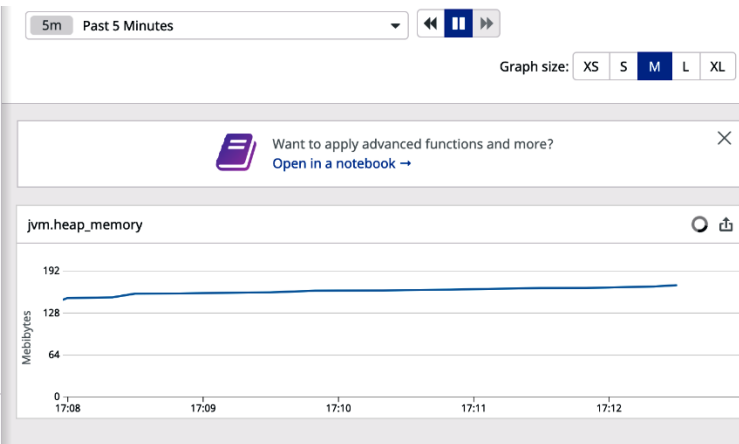
Metrics Explorer

Graph:
jvm.heap_memory ×

Over:
host:i-006d45887174d086a ×
integration:jmx ×

One graph per:
Entire infrastructure ▼

On each graph, aggregate with the
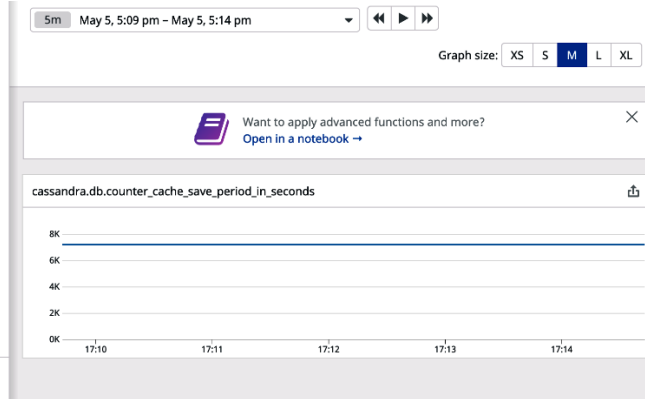Average of reported values ▼

⚙ Options ▸

5m | Past 5 Minutes | ◀◀ ❚❚ ▶▶

Graph size: XS S M L XL

Want to apply advanced functions and more?
Open in a notebook →   ×

jvm.heap_memory

192

Mebibytes 128

64

0
  17:08   17:09   17:10   17:11   17:12

Metrics Explorer

Graph:
cassandra.db.counter_cache_save_period_in_second

Over:
host:i-006d45887174d086a ✕
metrics-type:cassandra ✕

One graph per:
Entire infrastructure ▾

On each graph, aggregate with the
Average of reported values ▾

⚙ Options ▸

5m | May 5, 5:09 pm – May 5, 5:14 pm ▾ | ◀◀ ▶ ▶▶

Graph size: XS S M L XL

📖 Want to apply advanced functions and more?
Open in a notebook → ✕

cassandra.db.counter_cache_save_period_in_seconds ⬆

8K
6K
4K
2K
0K
17:10   17:11   17:12   17:13   17:14

Metrics Explorer

Graph:
testdogstatsd ✕
☑ Calculate as count where applicable

Over:
Everything
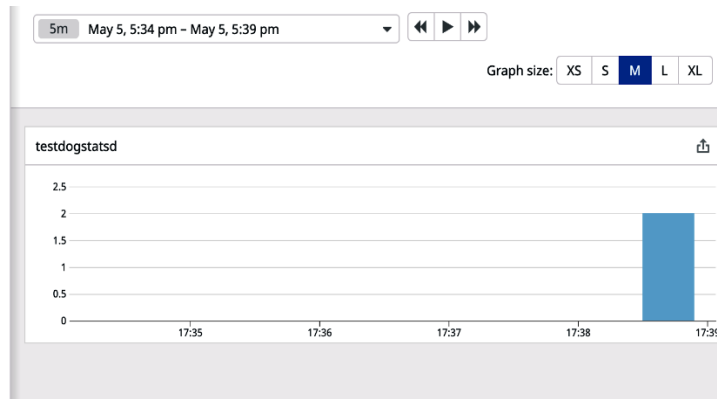
One graph per:
Entire infrastructure ▾

On each graph, aggregate with the
Average of reported values ▾

5m | May 5, 5:34 pm – May 5, 5:39 pm ▾ | ◀◀ ▶ ▶▶

Graph size: XS S M L XL

testdogstatsd ⬆

2.5
2
1.5
1
0.5
0
17:35   17:36   17:37   17:38   17:39

Metrics Explorer

Graph:
statsd_test.outdoor_temp ✕

Over:
metric-source:dogstatsd ✕

One graph per:
Entire infrastructure ▾

On each graph, aggregate with the
Average of reported values ▾

⚙ Options ▸

4h | Past 4 Hours ▾ | ◀◀ ⏸ ▶▶

Graph size: XS S M L XL

statsd_test.outdoor_temp ⬆

80
60
40
20
0
19:00   19:30   20:00   20:30   21:00   21:30   22:00   22:30

---
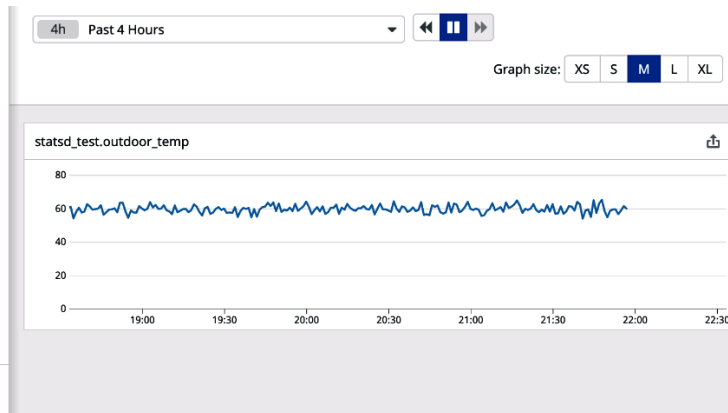
1 matching events from

☑ Aggregate related events

Leave a status update... | Post

An event testing DogStatsD API   #event-source:dogstatsd-test   #host:thomass-mbp-2.lan
The DogStatsD API works fine! Just wanted to confirm it.
Wed May 05 2021 22:36:50 GMT-0700 (Pacific Daylight Time) · Add comment

Chapter 11: Integrating with Datadog

Chapter 12: Monitoring Containers

Host Map	Infrastructure List	**Containers**	Processes	Serverless	Network

0 (0%) of your Agents are collecting process data. Add process collection to more Agents

Filter by Select tags   Group by Group by tag

Select a resource (6)
- Containers
- Pods NEW
- Deployments NEW

> Summary Graphs

[<] Hide Controls | Showing **1–1** of **1** matching container   ⚙ Display Options   ⚙ Customize

NAME	CPU %	↓ RSS MEMORY	TX	RX	STATUS	STARTED (AGO)
web	0%	1 MB	-	-	UP	1 day

HOST
docker-desktop

CONTAINER IMAGE
nginx

ALL TAGS

container_id:53cd9cae287d host:docker-desktop docker_image:nginx:latest image_name:nginx image_tag:latest +1

PROCESS LIST

COMMAND	PID	PPID	CPU %	RSS

Metrics	**Logs**	Traces	Network

15m   Past 15 Minutes

🔍 container_id:53cd9cae287de27...   🔍

5 indexed logs found

↓ DATE
Mar 16 01:07:26.000
172.17.0.1 - - [16/Mar/2021:08:07:26 +0000] "GET /index.html HTTP/1.1" 200 612 "-" "curl/7.54.0" "-"
Mar 16 01:07:18.000
172.17.0.1 - - [16/Mar/2021:08:07:18 +0000] "GET / HTTP/1.1" 200 612 "-" "curl/7.54.0" "-"
Mar 16 01:06:22.000

Use ↑ / ↓ to view previous/next container

Metrics **Logs** Traces Network

⚡ Live Tail ▾

🔍 container_id:53cd9cae287de27... 🔍

Open in Log Explorer ⧉

▶ Views | ⊟ Logs | + Save   15m Past 15 Minutes ▾ ◀◀ ⏸ ▶▶ 🔍 ↻

🔍 container_id:53cd9cae287de278f70d44164031055e4726b41fa35a900e1d3a62e66ea1526b ✕ * ⊗ </>

Aggregate by Fields Patterns Transactions ?

2
0
01:03 01:04 01:05 01:06 01:07 01:08 01:09 01:10 01:11 01:12 01:13 01:14 01:15 01:16 01:17

🔍 Search facets | ◀ Hide Controls | **Visualize as** **List** Timeseries Top List Table **5 results found**   ⬆ Export ⚙ Options

✏ Showing 15 of 15 ➕ Add

	↓ DATE	HOST	SERVI...	CONTENT
▮	Mar 16 01:07:26.000	docker-desktop	nginx	‣ 172.17.0.1 - - [16/Mar/2021:08:07:26 +0000] "GET /index.html HTTP/1.1" 200 612 "-" "c...
▮	Mar 16 01:07:18.000	docker-desktop	nginx	‣ 172.17.0.1 - - [16/Mar/2021:08:07:18 +0000] "GET / HTTP/1.1" 200 612 "-" "curl/7.54.0...
▮	Mar 16 01:06:22.000	docker-desktop	nginx	‣ 172.17.0.1 - - [16/Mar/2021:08:06:22 +0000] "GET /ssss HTTP/1.1" 404 153 "-" "curl/7...
▮	Mar 16 01:06:22.000	docker-desktop	nginx	‣ 2021/03/16 08:06:22 [error] 31#31: *7 open() "/usr/share/nginx/html/ssss" failed (2:...
▮	Mar 16 01:06:17.000	docker-desktop	nginx	‣ 172.17.0.1 - - [16/Mar/2021:08:06:17 +0000] "GET / HTTP/1.1" 200 612 "-" "curl/7.54.0...

∨ CORE
> Source
> Host
∨ Service
☑ nginx   5

⎈ kubernetes   default ▾   🔍 Search   + 🔔

☰ Workloads > **Pods**

Workloads ⓝ

Cron Jobs
Daemon Sets
Deployments
Jobs
Pods
Replica Sets
Replication Controllers
Stateful Sets

Pods   ▼ ▲

	Name	Namespac	Labels	Node	Status	Restarts	CPU Usage (cores)	Memory Usage (bytes)	Created ↑	
✅	datadog-agent-2pbhq	default	app: datadog-agent · controller-revision-hash: c64445ff4 · pod-template-generation: 4	minikube	Running	0	-	-	14 hours ago	⋮
✅	apache	default	name: apache	minikube	Running	0	-	-	a day ago	⋮

First panel

Containers ▾			**LIVE** Mar 19, 1:33 am ▾ ⏪ ⏸ ⏩

Infrastructure
Host Map
Infrastructure List
Containers
Processes
Serverless
Network
Network Map
Docs
No starred maps

agents are collecting process data. Add process collection to more Agents ✕

🔍 Search

Select tags ▾   **Group by** Group by tag ▾

Select a resource (6)

▦ Containers
🔵 Pods **NEW**
🔵 Deployments **NEW**
🔵 Replica Sets **NEW**
🔵 Services **NEW**
🔵 Nodes **NEW**

1–12 of **12** matching containers   ⚙ Display Options   ⚙ Customize

	CPU %	↓ RSS MEMORY	TX	RX	STATUS	STARTED (AGO)
...iserver-minikube_kube-system_c...	4%	257 MB	3.18 KB	3.44 KB	UP	2 days
k8s_kube-controller-manager_kube-controller-manager-minik...	2%	55 MB	3.18 KB	3.44 KB	UP	2 days
k8s_etcd_etcd-minikube_kube-system_c31fe6a5afdd142cf3450...	< 1%	48 MB	3.18 KB	3.44 KB	UP	2 days
k8s_kubernetes-dashboard_kubernetes-dashboard-968bcb79-...	0%	21 MB	-	-	UP	11 hours
k8s_kube-scheduler_kube-scheduler-minikube_kube-system_...	< 1%	16 MB	3.18 KB	3.44 KB	UP	2 days
k8s_coredns_coredns-74ff55c5b-94tr2_kube-system_b80d0778...	0%	14 MB	33.0 B	317 B	UP	2 days

> CORE
> INFRASTRUCTURE
∨ CONTAINERS

Second panel

Metrics   **Logs**   **Traces**   **Network**

⚡ **Live Tail** ▾

🔍 container_id:76bff8b2a902914...   🔍

Open in Log Explorer 🔗

Use ↑ / ↓ to view previous/next container

Third panel

Live Tail   ⚡ Live Tail ▾   ⏸ Pause ⟳

🔍 container_id:5d82b86ce78f8d0acd96681b38e62d16521196b258cdd6ff3602783dccadda04 ✕   ⊗ </>

1 events/s, 100% displayed   ⚙ Options

↓ DATE	HOST	SERVI...	CONTENT
Mar 20 03:08:13.000	minikube	httpd	> 172.17.0.6 - - [20/Mar/2021:10:08:13 +0000] "GET /server-status?auto HTTP/1.1" 404 196
Mar 20 03:08:12.000	minikube	httpd	> 172.17.0.6 - - [20/Mar/2021:10:08:12 +0000] "GET /website_2 HTTP/1.1" 404 196
Mar 20 03:08:05.000	minikube	httpd	> 172.17.0.6 - - [20/Mar/2021:10:08:05 +0000] "GET /website_1 HTTP/1.1" 404 196
Mar 20 03:07:58.000	minikube	httpd	> 172.17.0.6 - - [20/Mar/2021:10:07:58 +0000] "GET /server-status?auto HTTP/1.1" 404 196
Mar 20 03:07:57.000	minikube	httpd	> 172.17.0.6 - - [20/Mar/2021:10:07:57 +0000] "GET /website_2 HTTP/1.1" 404 196
Mar 20 03:07:50.000	minikube	httpd	> 172.17.0.6 - - [20/Mar/2021:10:07:50 +0000] "GET /website_1 HTTP/1.1" 404 196
Mar 20 03:07:43.000	minikube	httpd	> 172.17.0.6 - - [20/Mar/2021:10:07:43 +0000] "GET /server-status?auto HTTP/1.1" 404 196
Mar 20 03:07:42.000	minikube	httpd	> 172.17.0.6 - - [20/Mar/2021:10:07:42 +0000] "GET /website_2 HTTP/1.1" 404 196
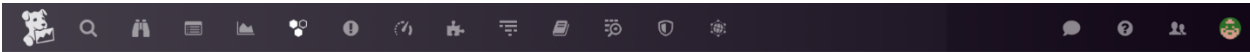
LIVE Mar 20, 11:30 pm ⌄   ◀◀ ❚❚ ▶▶

○ 0 (0%) of your Agents are collecting process data. **Add process collection** to more Agents ✕

🔍 5d82b86ce78f   ✕   Filter by Select tags   ▼   Group by Group by tag   ▼

Select a resource (6)

| ▥ Containers |
| 🔵 Pods NEW |
| 🔵 Deployments NEW |
| 🔵 Replica Sets NEW |

> Summary Graphs

◀ **Hide Controls** | Showing **1–1** of **1** matching container   ⚙ **Display Options**   ⚙ **Customize**

NAME	CPU %	↓ RSS MEMORY	TX	RX	STATUS	STARTED (AGO)
🔵 k8s_apache_apache_default_5fcfa954-acd6-4d73-87be-4e13b0367...	0%	4 MB	314 B	264 B	UP	3 days

← →

Chapter 13: Managing Logs Using Datadog

∨	⑦	Apache httpd 🧩	▼ source:httpd	🪶APACHE	⬤ ⋮⋮

	①	Grok Parser: Parsing Apache httpd logs
	②	User-Agent Parser
	③	Url Parser
	④	Date Remapper: Define Date_access as the official timestamp of the log
	⑤	Category Processor: Categorise status code
	⑥	Status Remapper: Set the log status based on the status code value
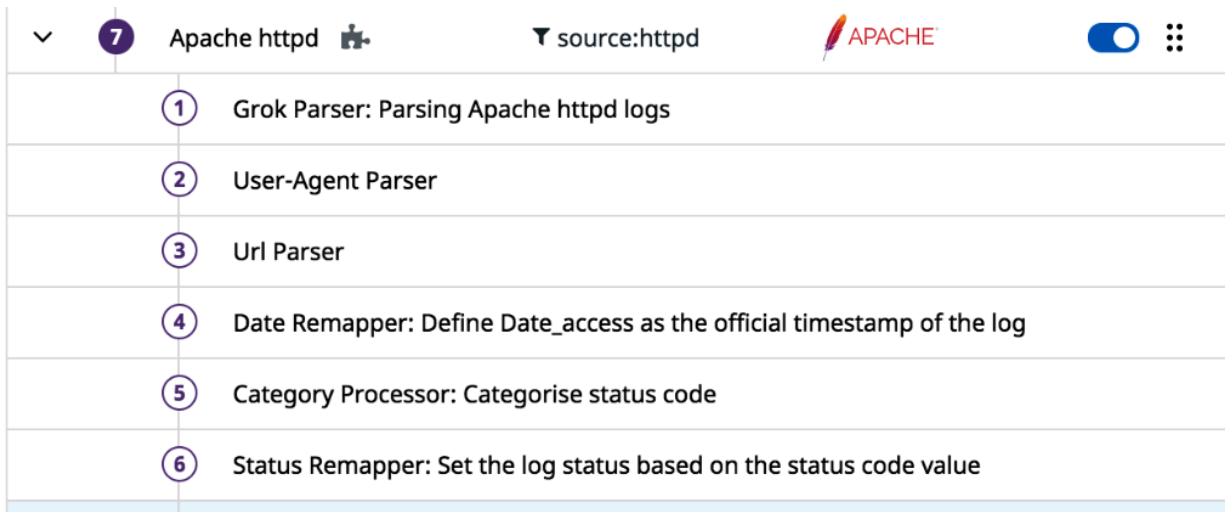
Generate Metric   ✕

⚡ Live Tail

↓ DATE	HOST	SERVI...	CONTENT	⧉
Mar 31 02:23:04.000	minikube	httpd	› 172.17.0.4 - - [31/Mar/2021:09:23:04 +0000] "GET /server-status?auto HTTP/1.…	
Mar 31 02:23:03.000	minikube	httpd	› 172.17.0.4 - - [31/Mar/2021:09:23:03 +0000] "GET /website_2 HTTP/1.1" 404 196	
Mar 31 02:22:56.000	minikube	httpd	› 172.17.0.4 - - [31/Mar/2021:09:22:56 +0000] "GET /website_1 HTTP/1.1" 404 196	
Mar 31 02:22:49.000	minikube	httpd	› 172.17.0.4 - - [31/Mar/2021:09:22:49 +0000] "GET /server-status?auto HTTP/1.…	
Mar 31 02:22:48.000	minikube	httpd	› 172.17.0.4 - - [31/Mar/2021:09:22:48 +0000] "GET /website_2 HTTP/1.1" 404 196	
Mar 31 02:22:41.000	minikube	httpd	› 172.17.0.4 - - [31/Mar/2021:09:22:41 +0000] "GET /website_1 HTTP/1.1" 404 196	
Mar 31 02:22:34.000	minikube	httpd	› 172.17.0.4 - - [31/Mar/2021:09:22:34 +0000] "GET /server-status?auto HTTP/1.…	
Mar 31 02:22:33.000	minikube	httpd	› 172.17.0.4 - - [31/Mar/2021:09:22:33 +0000] "GET /website_2 HTTP/1.1" 404 196	
Mar 31 02:22:26.000	minikube	httpd	› 172.17.0.4 - - [31/Mar/2021:09:22:26 +0000] "GET /website_1 HTTP/1.1" 404 196	
Mar 31 02:22:19.000	minikube	httpd	› 172.17.0.4 - - [31/Mar/2021:09:22:19 +0000] "GET /server-status?auto HTTP/1.…	

① **Define query** ❓

🔍 Source:httpd ✕   ⊗ </>

Measure Duration ▾ group by status ✕ ▾

☐ Calculate percentiles ❓

② **Name** ❓

custom_http_duration

Cancel   **Create Metric**

DATADOG

Views | Logs | + Save | 15m Past 15 Minutes

Filter your logs

Aggregate by Fields Patterns Transactions

02:27 02:28 02:29 02:30 02:31 02:32 02:33 02:34 02:35 02:36 02:37 02:38 02:39 02:40 02:41

Go to...
Watchdog
Events
Dashboards
Infrastructure
Monitors
Metrics
Integrations
APM
Notebooks
Logs
Security
UX Monitoring
Contact Support
Help
Team
contact@kuria...
Kurian, Inc.

Search facets

Showing 26 of 26 + Add

CORE
> Index
> Source
> Host
> Service

Hide Controls | Visualize as List Timeseries Top List Table | 1,228 results found | Export | Options

Watchdog Insights View all | Error outliers 1

DATE	HOST	SERVICE	CONTENT
Mar 31 02:40:55.000	minikube	agent	2021-03-31 09:40:55 UTC	CORE	INFO	(pkg/collector/python/datadog_agent.go:124 in LogMessage)	http...
Mar 31 02:40:55.000	minikube	httpd	172.17.0.4 - - [31/Mar/2021:09:40:55 +0000] "GET /website_1 HTTP/1.1" 404 196
Mar 31 02:40:54.000	minikube	agent	2021-03-31 09:40:54 UTC	CORE	ERROR	(pkg/collector/runner/runner.go:292 in work)	Error running ch...
Mar 31 02:40:53.000	minikube	agent	2021-03-31 09:40:53 UTC	CORE	ERROR	(pkg/collector/runner/runner.go:292 in work)	Error running ch...
Mar 31 02:40:52.701	minikube	metrics-scraper	172.17.0.1 - - [31/Mar/2021:09:40:52 +0000] "GET / HTTP/1.1" 200 6 "" "kube-probe/1.20"
Mar 31 02:40:52.000	minikube	agent	2021-03-31 09:40:52 UTC	CORE	ERROR	(pkg/collector/runner/runner.go:292 in work)	Error running ch...
Mar 31 02:40:50.699	minikube	metrics-scraper	Error scraping node metrics: the server could not find the requested resource (get nodes.metrics.k8s.io)
Mar 31 02:40:49.000	minikube	agent	2021-03-31 09:40:49 UTC	PROCESS	ERROR	(collector.go:109 in runCheck)	Unable to run check 'pod': ...
Mar 31 02:40:48.000	minikube	agent	2021-03-31 09:40:48 UTC	CORE	ERROR	(pkg/collector/runner/runner.go:292 in work)	Error running ch...
Mar 31 02:40:48.000	minikube	agent	2021-03-31 09:40:48 UTC	CORE	WARN	(pkg/collector/runner/runner.go:122 in LogMessage)	apac...
Mar 31 02:40:48.000	minikube	httpd	172.17.0.4 - - [31/Mar/2021:09:40:48 +0000] "GET /server-status?auto HTTP/1.1" 404 196
Mar 31 02:40:47.196	minikube	etcd	/health OK (status code 200)
Mar 31 02:40:47.000	minikube	agent	2021-03-31 09:40:47 UTC	CORE	INFO	(pkg/collector/python/datadog_agent.go:124 in LogMessage)	http...
Mar 31 02:40:47.000	minikube	httpd	172.17.0.4 - - [31/Mar/2021:09:40:47 +0000] "GET /website_2 HTTP/1.1" 404 196
Mar 31 02:40:46.511	minikube	etcd	rejected connection from "172.17.0.4:55628" (error "tls: first record does not look like a TLS handshake...
Mar 31 02:40:46.508	minikube	etcd	rejected connection from "172.17.0.4:55626" (error "tls: first record does not look like a TLS handshake...
Mar 31 02:40:46.139	minikube	kube-apiserver	ClientConn switching balancer to "pick_first"
Mar 31 02:40:46.138	minikube	kube-apiserver	ccResolverWrapper: sending update to cc: {[{https://127.0.0.1:2379 <nil> 0 <nil>}] <nil> <nil>}
Mar 31 02:40:46.137	minikube	kube-apiserver	parsed scheme: "passthrough"

Service
☑ agent 578
☑ etcd 270
☑ httpd 177
☑ metrics-scraper 132
☑ kube-apiserver 70
☑ kube-controller-manager 1

Status
☑ Error 398
☑ Warn 239

Views | Logs | + Save | 15m Past 15 Minutes

Filter your logs

Display all entries

index: facet
source: facet
host: facet
service: facet
status: facet
kube_namespace: (Kubernetes Namespace) facet
@network.client.ip: (Client IP) facet
pod_name: (Pod Name) facet

SAVED VIEWS

Redis PID overview source:redis
Redis error and warning source:redis status:(error OR warn)
Redis patterns source:redis
NGINX status code evolution source:nginx
NGINX pages with error faced by bots source:nginx @http.useragent_details.browser.family:*bot* @http.status_code:[400 TO 599]

wildcard: hel* exclusion: -hello field search: service:service_a union: service:(service_a OR service_b) Syntax Help
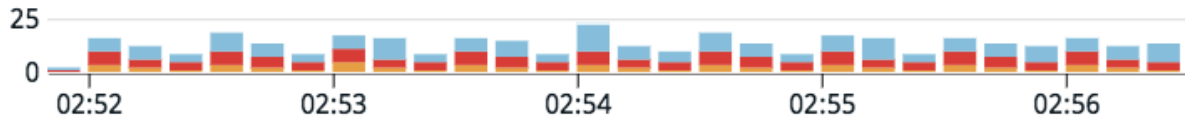
Q Filter your logs

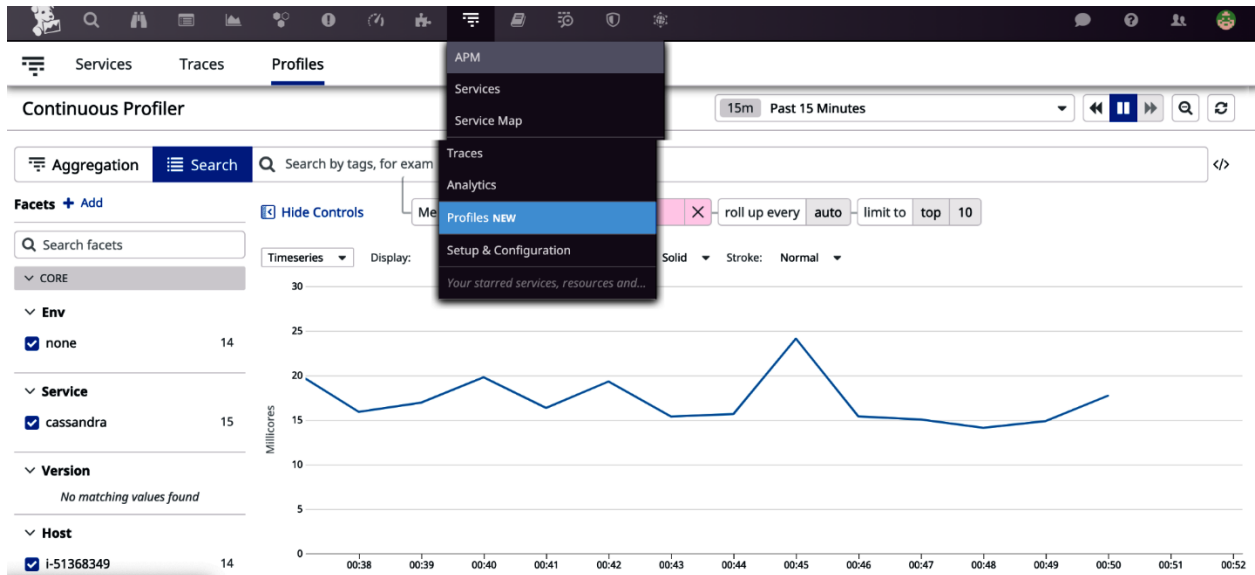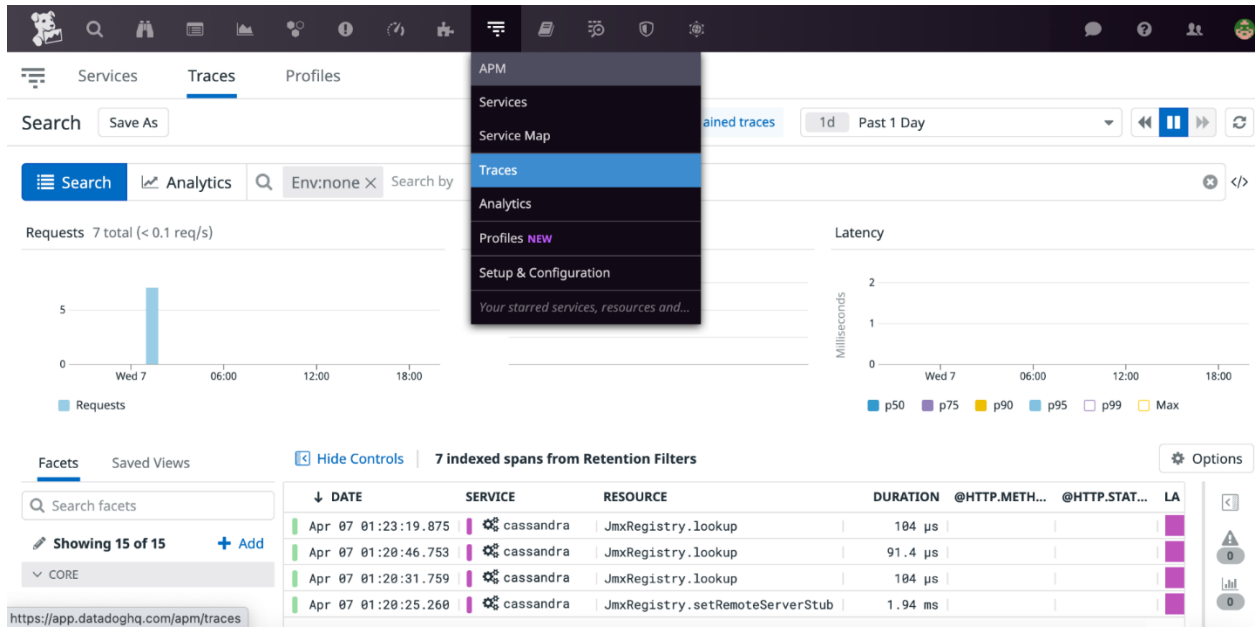**Aggregate by** | Fields | Patterns | Transactions | ?

25

0

02:52   02:53   02:54   02:55   02:56

Chapter 14: Miscellaneous Monitoring Topics

cassandra | env: none | version: Not found ⓘ | on Apr 08 01:17:34 (42m 11s uptime)

Performance Analysis (1) Metrics Runtime Info

⚠️ **Analysis:** The system properties in the recording may contain passwords. This could impact performance   [View Full Analysis]

Type | CPU Time 2ms ▾ | [⚙ Options]

🔍 Filter flamegraph by method or package **NEW**

Frame width represents the CPU time per method (Ctrl + Scroll to zoom)

CPU Time: 2ms over 60s, across all threads
JVM
ClassLoaderStatsOperation

☑ Method ▾
☑ ClassLoaderStatsOperation 2ms
☑ JFRCheckpoint < 1ms
☑ FindDeadlocks < 1ms

Services Traces Profiles

Service Map 1 Service   1h Past 1 Hour

[≣ List] [⊶ Map] 🔍 Search services   🌐 Web 🗄 DB ☁ Cache fx Function ⚙ Custom

cassandra
Requests Latency Error
< 0.01 req/s 11.5 ms 0 %

cassandra

Create a new synthetic test

✕
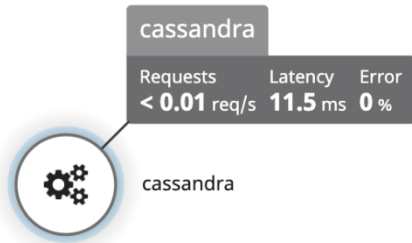
New API Test

Monitor uptime and availability

Test your websites and APIs from several locations around the world to assess availability and uptime.

New Multistep API Test

NEW

Monitor uptime and availability by linking multiple requests

Create a test by using the response data from a series of linked HTTP tests.

New Browser Test

Monitor key business flows

Create step by step recordings of your key business flows to make sure they are meeting your performance goals from multiple locations around the world.

1 ⌄ Choose request type

| HTTP | SSL | TCP **NEW** | DNS **NEW** | ICMP **NEW** |

2 ⌄ Define request

Host

34.209.251.67   {{

Port

22   {{

Name

Test access to SFTP server

Environment (**env**)

🏷️ You don't have any Environment (env) tags!
Environment tags can help you organize your tests and your services.

+ Create New Env Tag

Additional Tags

Select or add related tags   ▼

✔ Test URL

3 〉 Define assertions

4 ⌄ Select locations

⊟ Managed Locations (2)

☐ Americas (0)	⊟ Asia Pacific (1)	⊟ Europe (1)
☐ Canada Central (AWS)	☐ Mumbai (AWS)	☐ Frankfurt (AWS)
☐ N. California (AWS)	☐ Seoul (AWS)	☐ Ireland (AWS)
☐ Ohio (AWS)	☐ Singapore (AWS)	☐ London (AWS)
☐ Oregon (AWS)	☐ Sydney (AWS)	☑ Paris (AWS)
☐ São Paulo (AWS)	☑ Tokyo (AWS)	☐ Stockholm (AWS)

5 〉 Specify test frequency

6 〉 Define alert conditions

7 〉 Notify your team

Cancel   **Create Test**

◉ Synthetic Monitoring   [15m Past 15 Minutes ▾] ⏮ ⏸ ⏭ 🔍   **+ New Test**

🔍 Type to start searching

⌄ SYNTHETIC FILTERS		Uptime
⌄ **Type**		
☑ TCP Test	1	
⌄ **Status**		
☑ ▎OK	1	**100%**
⌄ **Creator**		
☑ Contact Us	1	
⌄ **Region**		
☑ Tokyo (AWS)	1	
☑ Paris (AWS)	1	Response Time
⌄ **State**		
☑ Live	1	

11:35 11:36 11:37 11:38 11:39 11:40 11:41 11:42 11:43 11:44 11:45 11:46 11:47 11:48 11:49

OK Last ran Just now (Apr 10, 2021, 12:02 pm)

Port check on SFTP server

All locations ▾ | 1h | Past 1 Hour ▾ | ◀◀ ⏸ ▶▶

⚡ Run Test Now   ⏸ Pause Scheduling

⌄ Properties

TCP Test
ID: arj-vdn-isp

Created on Apr 10, 2021, 11:21 am by Contact Us
Modified on Apr 10, 2021, 11:21 am by Contact Us

TAGS ✏️

🏷️ You don't have any tags. Add tags to help organize your tests.

OVERVIEW   Connect to 34.209.251.67:22 ⬈ from **2 locations** every **1 minute**
1 assertion has been configured:
Response Time should be less than **1000ms**

CI/CD EXECUTION | Blocking ▾ | If this test fails, block the CI/CD pipeline

MESSAGE   contact@contact@kurianinc.us

⌄ History

Show All Locations

Global Uptime   [████████████████████]   **100%**

① ∨ Set your test details

Starting URL

https://kurianinc.us {{

❯ Advanced Options

Name

Website user access from Europe

Environment (**env**)

🏷️ You don't have any Environment (env) tags!
Environment tags can help you organize your tests and your services.

➕ Create New Env Tag

Additional Tags

Select or add related tags ▾

Browsers & Devices

	☑ 🔴 Chrome	➖ 🦊 Firefox BETA
Laptop Large	☑	☑
Tablet	☑	☐
Mobile Small	☑	☐

Run Test Now   Pause Scheduling   ⚙

ALERT Last ran 5 mins ago (Apr 10, 2021, 12:36 pm)

Website access from Europe

All locations ▼   15m Past 15 Minutes ▼   ◀◀ ⏸ ▶▶   🔍

Browser Test
ID: ace-cvz-q4c

Created on Apr 10, 2021, 12:34 pm by Contact Us
Modified on Apr 10, 2021, 12:36 pm by Contact Us

TAGS ✏

You don't have any tags. Add tags to help organize your tests.

OVERVIEW   Test https://kurianinc.us 🔗 from **5 locations** on **4 devices** every **1 hour**
This test contains **4 steps.**

CI/CD EXECUTION   Blocking ▼   If this test fails, block the CI/CD pipeline

MESSAGE   contact@contact@kurianinc.us

⌄ History

Show All Locations

Global Uptime   ████████████████ ██ ████████   **23.9%**

12:30   12:35   12:40

APM

Notebooks

Logs

Security

Security Home

Security Signals

Compliance Findings BETA

Runtime Security BETA

Analytics

Security Rules

Getting Started

UX Monitoring

Contact Support

Help

Team
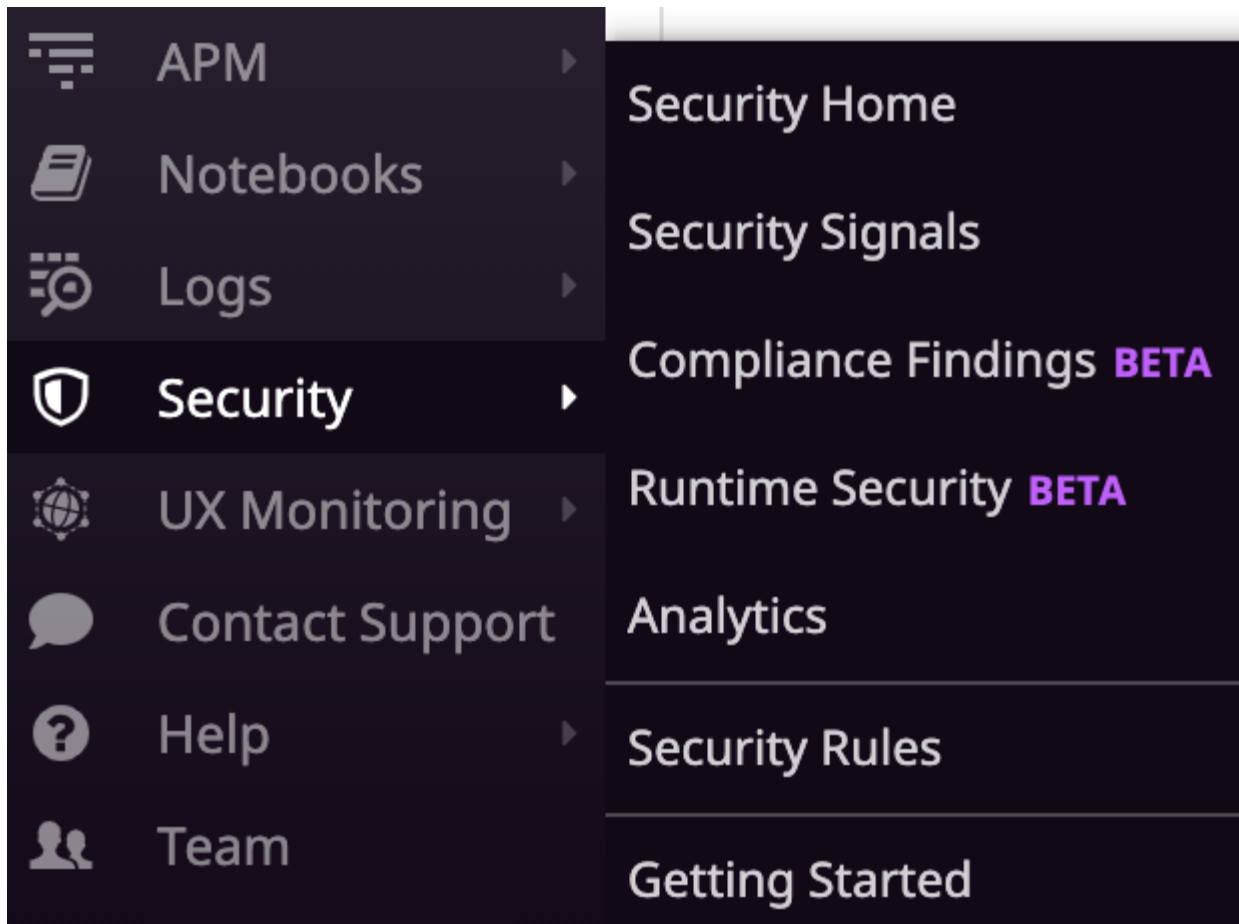
🛡 Security Monitoring | Onboarding

Cloud
AWS, GCP, Azure

Containers
Docker, Kubernetes...

Identity Providers
Okta, G Suite...

Security Products
GuardDuty, Vault...

① Select a security log source

AWS CloudHSM	Amazon GuardDuty	AWS Identity and Access Management	Amazon Inspector	AWS Key Management Service
AWS Shield	AWS WAF	vmware Carbon Black	cilium	IMMUNIO
Lacework	cisco Meraki	Signal Sciences	HashiCorp Vault	

Can't find your security log source? Register below for updates and we'll let you know when something is ready. In the meantime, don't forget you can send any logs to Datadog 🔗.

Integrations you're interested in: [_____] Submit

Full Documentation 🔗 | Default Security Rules 🔗 | Contact Datadog Support 🔗

Security Configuration | Rules

+ New Rule

🔍 Filter Rules

⚙ Options

CORE

∨ Enabled

☑ true   109
☑ false   3

> Source

> Severity

> Security

> Scope

> Default

> Notification

> Tag

WORKFLOW

> Rule Type

> Detection Method

◄ Hide Controls | **112** rules found

↑ RULE	TYPE	SEVERITY	SOURCE	SCOPE		
Anomalous AWS user executed a com... attack › TA0004-privilege-escalation	🔁 Log Detection	**HIGH**	☁ cloudtrail	⬡ ecs	🔵	🔲
Anonymous Request Authorized	🔁 Log Detection	**INFO**	⚙ kuber		🔵	🔲
Apache HTTP requests from security ... attack › TA0001-initial-access ›	🔁 Log Detection	**INFO**	▌apache	▌apache	🔵	🔲
Auth0 user authenticating from mult... attack › TA0006-credential-access	🔁 Log Detection	**HIGH**	✪ auth0		🔵	🔲
Auth0 user logged in with a breached... attack › TA0001-initial-access ›	🔁 Log Detection	**MEDIUM**	✪ auth0		🔵	🔲
AWS CloudTrail configuration modified compliance › cis-aws › cis-3.5	🔁 Log Detection	**HIGH**	☁ cloudtrail	☁ cloudtrail	🔵	🔲