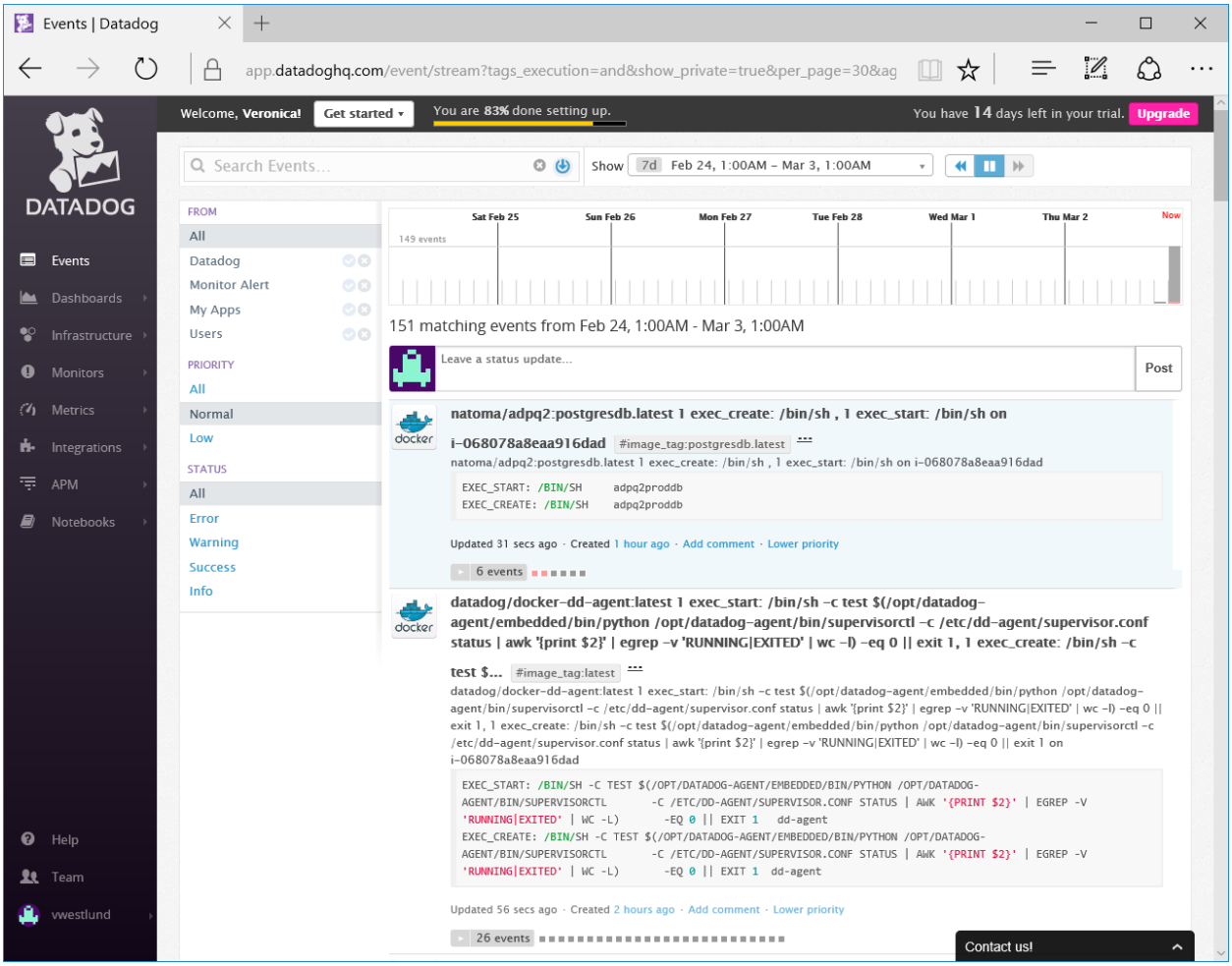
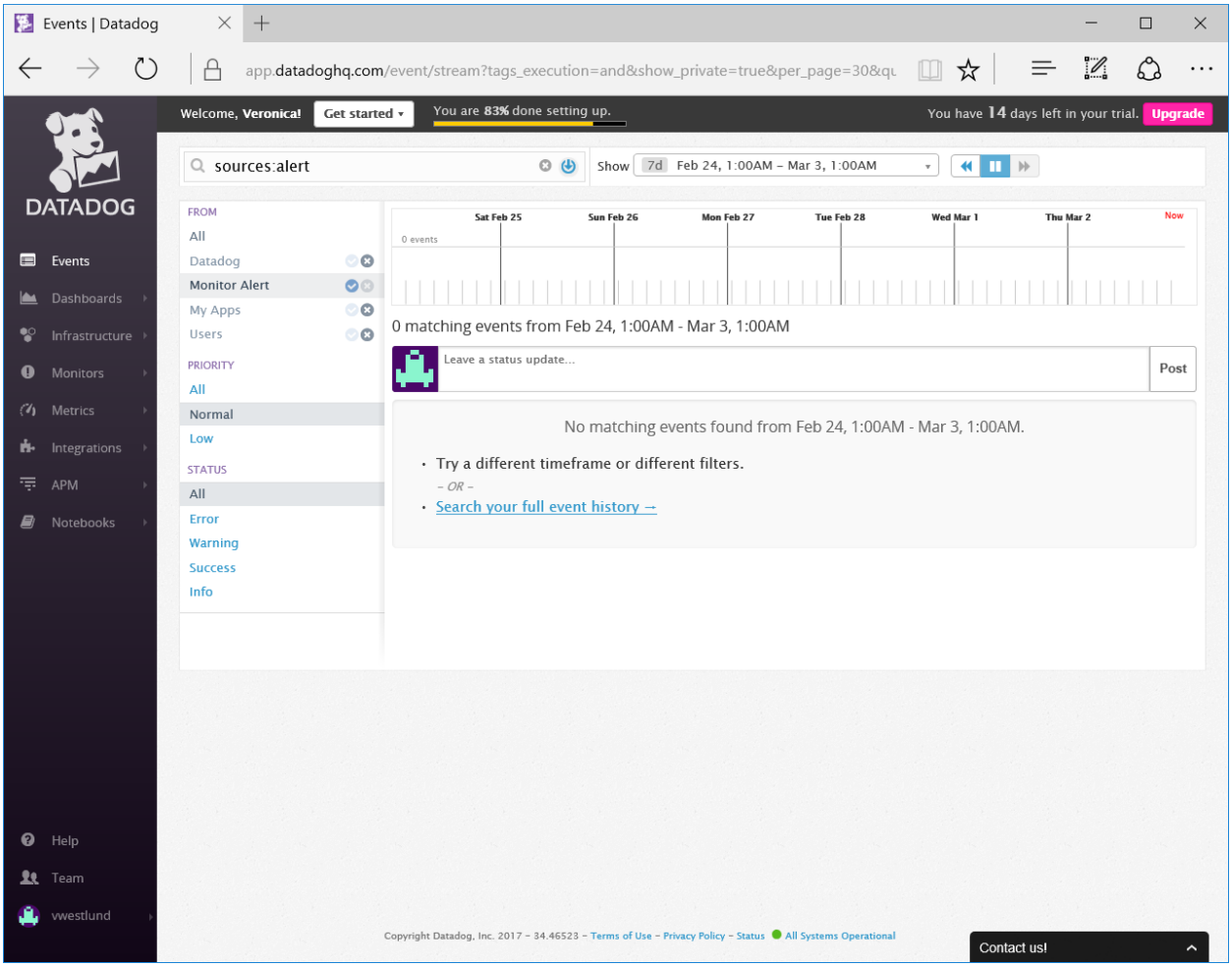
Continuous Monitoring

Natoma used DataDog as our continuous monitoring tool. DataDog provides ease of use and is free if run on five (5) or less servers. We installed agents on our Docker servers for our continuous integration server and our production server.

Below are DataDog screen shots demonstrating monitoring of the Working Prototype.




Events | Datadog
app.datadoghq.com/event/stream?tags_execution=and&show_private=true&per_page=30&qu
Welcome, Veronica!
Get started
You are 83% done setting up.
You have 14 days left in your trial.
Upgrade
DATADOG
Events
Dashboards
Infrastructure
Monitors
Metrics
Integrations
APM
Notebooks
Help
Team
vwestlund
sources:alert
Show
7d
Feb 24, 1:00AM – Mar 3, 1:00AM
FROM
All
Datadog
Monitor Alert
My Apps
Users
PRIORITY
All
Normal
Low
STATUS
All
Error
Warning
Success
Info
Sat Feb 25
Sun Feb 26
Mon Feb 27
Tue Feb 28
Wed Mar 1
Thu Mar 2
Now
0 events
0 matching events from Feb 24, 1:00AM - Mar 3, 1:00AM
Leave a status update...
Post
No matching events found from Feb 24, 1:00AM - Mar 3, 1:00AM.
Try a different timeframe or different filters.
– OR –
Search your full event history →
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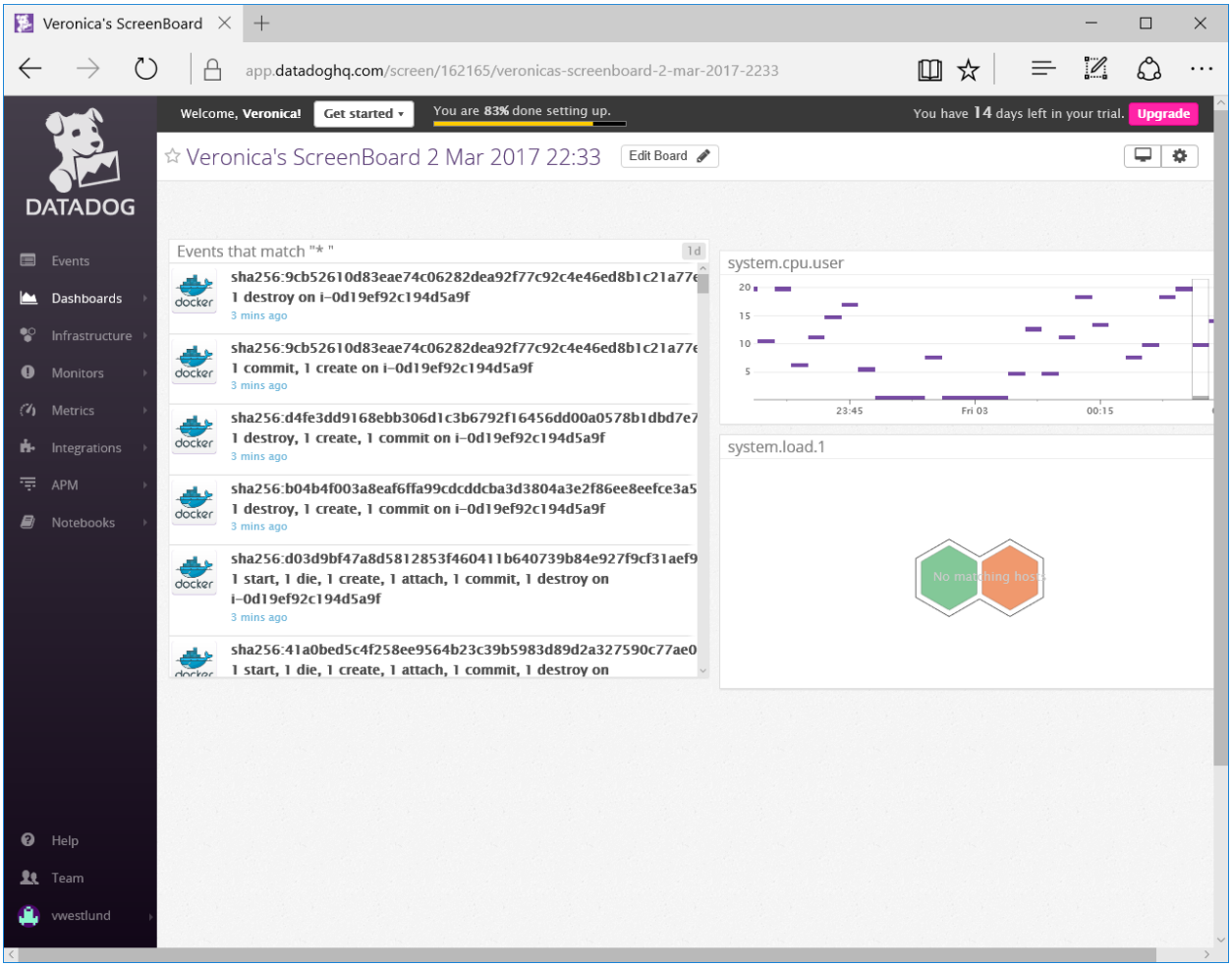
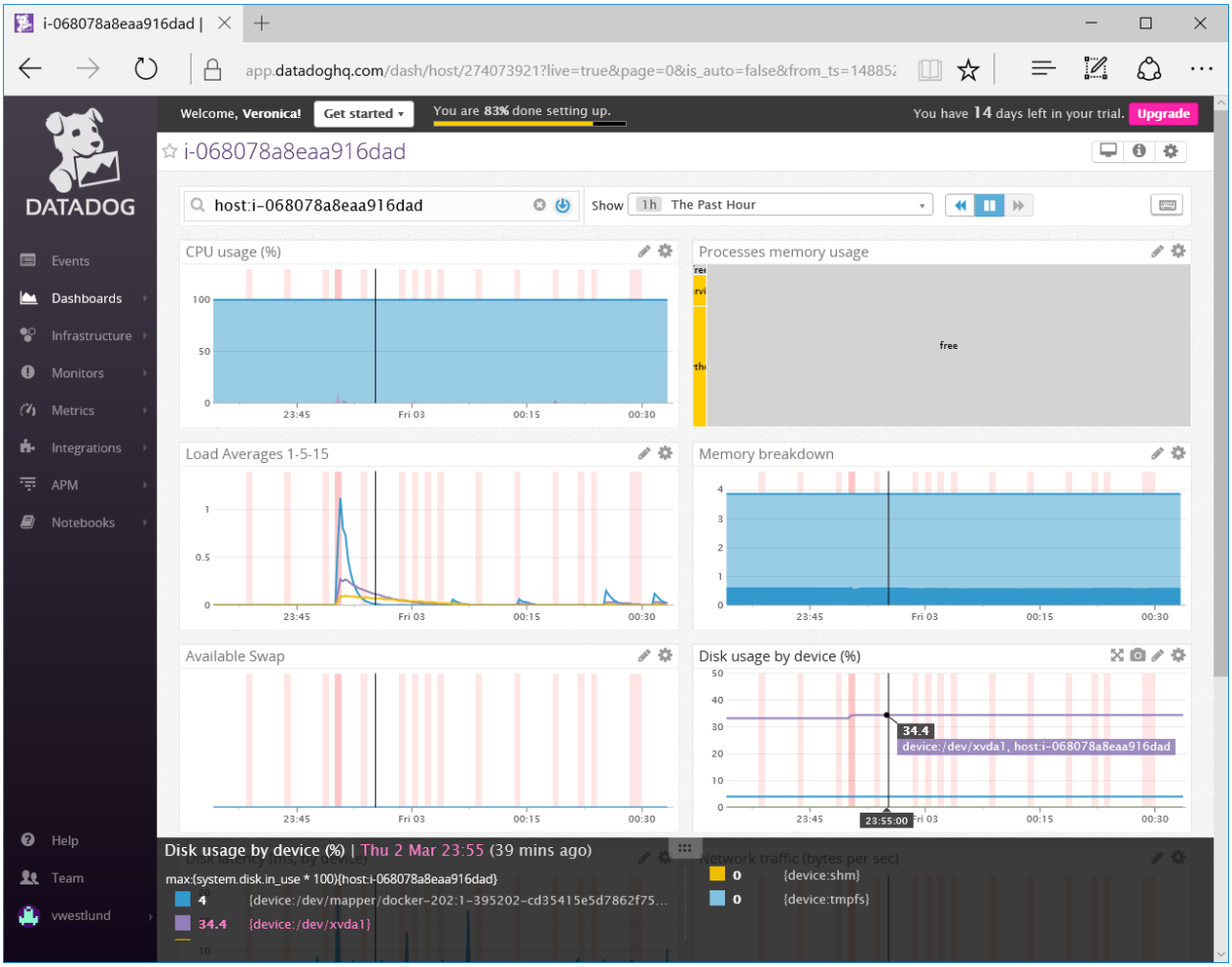
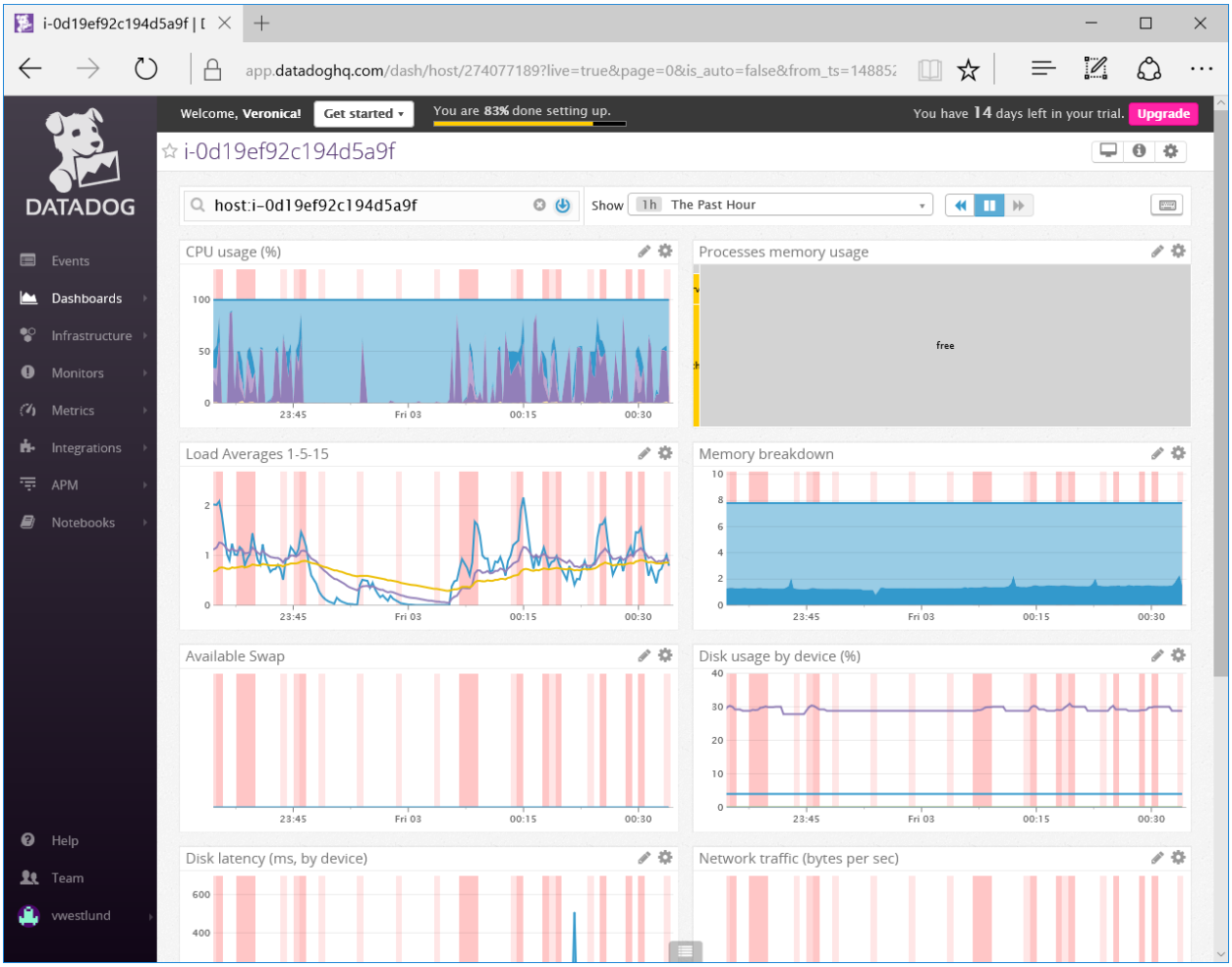
All Systems Operational
Contact us!


Veronica's ScreenBoard
app.datadoghq.com/screen/162165/veronicas-screenboard-2-mar-2017-2233
Welcome, Veronica!
Get started
You are 83% done setting up.
You have 14 days left in your trial.
Upgrade
DATADOG
Veronica's ScreenBoard 2 Mar 2017 22:33
Edit Board
Events
Dashboards
Infrastructure
Monitors
Metrics
Integrations
APM
Notebooks
Help
Team
vwestlund
Events that match "* "
1d
sha256:9cb52610d83eae74c06282dea92f77c92c4e46ed8b1c21a77e
1 destroy on i-0d19ef92c194d5a9f
3 mins ago
sha256:9cb52610d83eae74c06282dea92f77c92c4e46ed8b1c21a77e
1 commit, 1 create on i-0d19ef92c194d5a9f
3 mins ago
sha256:d4fe3dd9168ebb306d1c3b6792f16456dd00a0578b1dbd7e7
1 destroy, 1 create, 1 commit on i-0d19ef92c194d5a9f
3 mins ago
sha256:b04b4f003a8eaf6ffa99cdcddcba3d3804a3e2f86ee8eefce3a5
1 destroy, 1 create, 1 commit on i-0d19ef92c194d5a9f
3 mins ago
sha256:d03d9bf47a8d5812853f460411b640739b84e927f9cf31aef9
1 start, 1 die, 1 create, 1 attach, 1 commit, 1 destroy on
i-0d19ef92c194d5a9f
3 mins ago
sha256:41a0bed5c4f258ee9564b23c39b5983d89d2a327590c77ae0
1 start, 1 die, 1 create, 1 attach, 1 commit, 1 destroy on
system.cpu.user
20
15
10
5
23:45
Fri 03
00:15
system.load.1
No matching hosts


i-068078a8eaa916dad |
app.datadoghq.com/dash/host/274073921?live=true&page=0&is_auto=false&from_ts=14885
Welcome, Veronica!
Get started
You are 83% done setting up.
You have 14 days left in your trial.
Upgrade
DATADOG
i-068078a8eaa916dad
host:i-068078a8eaa916dad
Show
1h
The Past Hour
Events
Dashboards
Infrastructure
Monitors
Metrics
Integrations
APM
Notebooks
Help
Team
vwestlund
CPU usage (%)
Processes memory usage
free
Load Averages 1-5-15
Memory breakdown
Available Swap
Disk usage by device (%)
34.4
device:/dev/xvda1, host:i-068078a8eaa916dad
23:45
Fri 03
00:15
00:30
23:55:00
Disk usage by device (%) | Thu 2 Mar 23:55 (39 mins ago)
max:(system.disk.in_use * 100){host:i-068078a8eaa916dad}
4 {device:/dev/mapper/docker-202:1-395202-cd35415e5d7862f75...
34.4 {device:/dev/xvda1}
Network traffic (bytes per sec)
0 {device:shm}
0 {device:tmpfs}


i-0d19ef92c194d5a9f | [
app.datadoghq.com/dash/host/274077189?live=true&page=0&is_auto=false&from_ts=14885
Welcome, Veronica!
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Upgrade
DATADOG
i-0d19ef92c194d5a9f
host:i-0d19ef92c194d5a9f
Show
1h
The Past Hour
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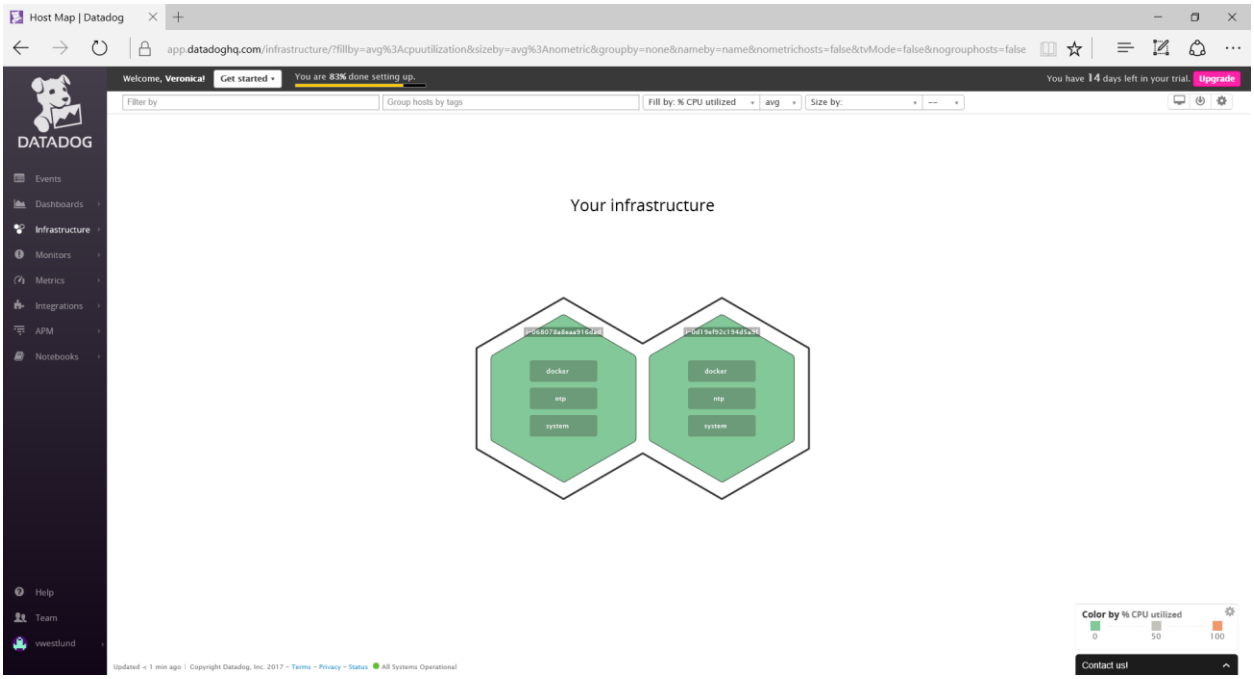
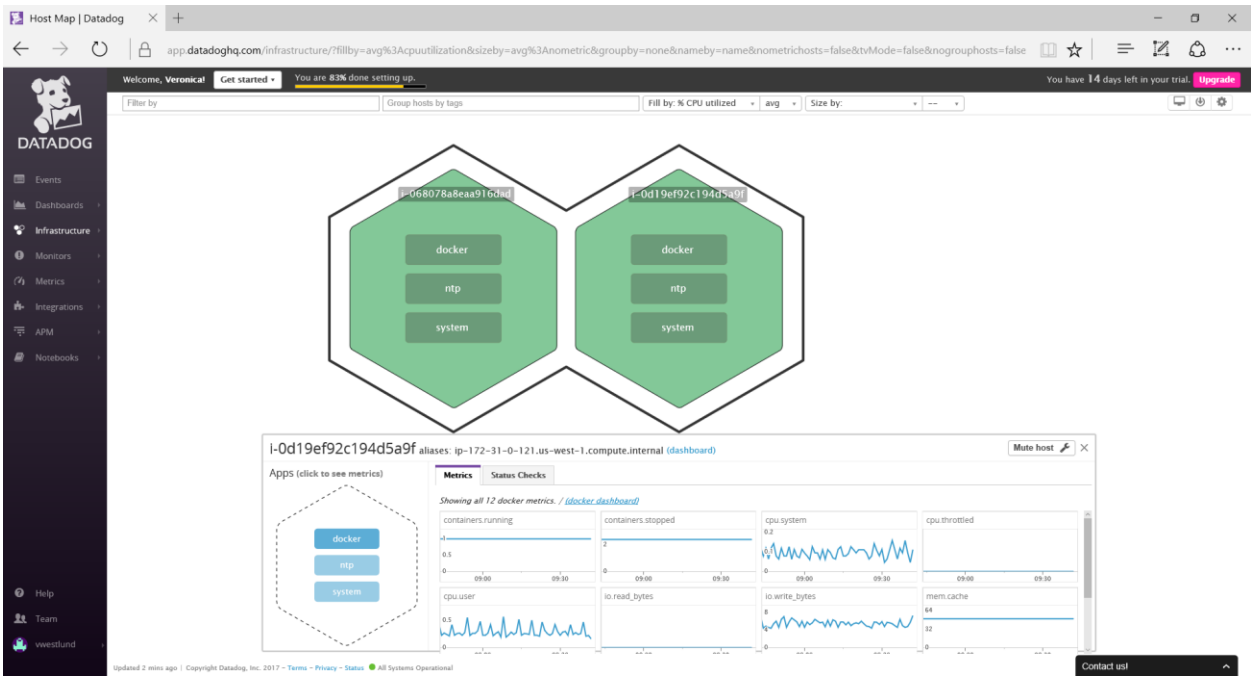
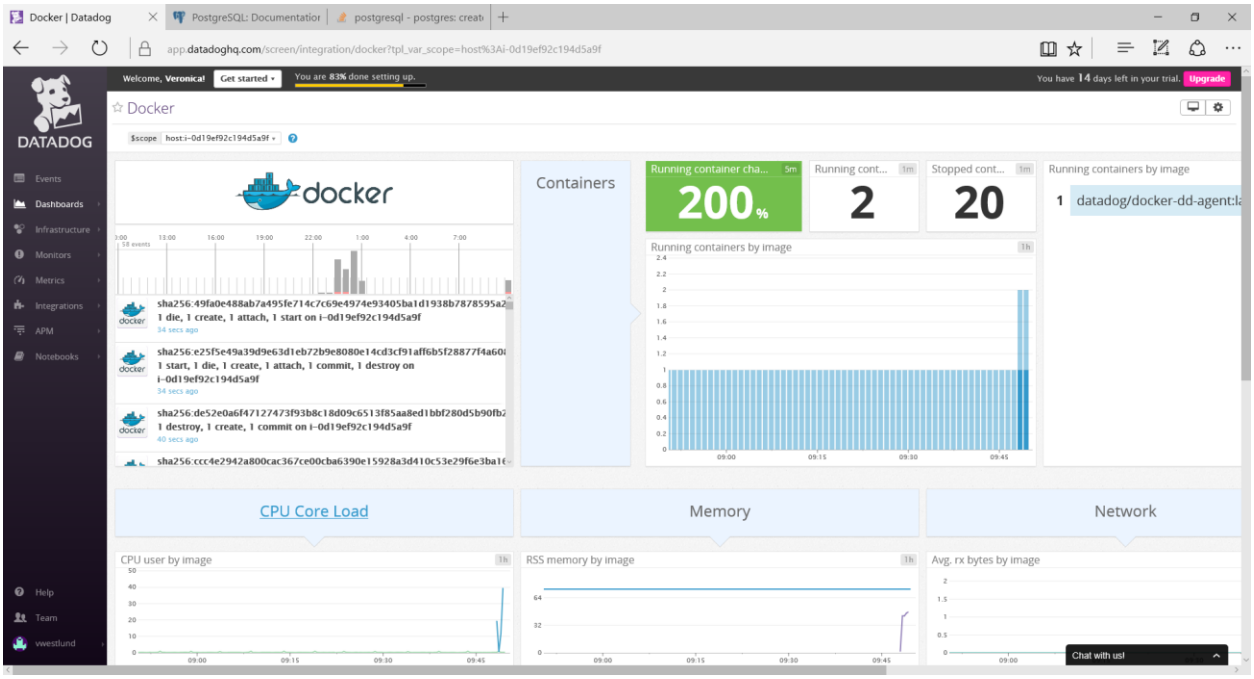
Team
vwestlund
CPU usage (%)
Processes memory usage
free
Load Averages 1-5-15
Memory breakdown
Available Swap
Disk usage by device (%)
Disk latency (ms, by device)
Network traffic (bytes per sec)
23:45
Fri 03
00:15
00:30

Host Map

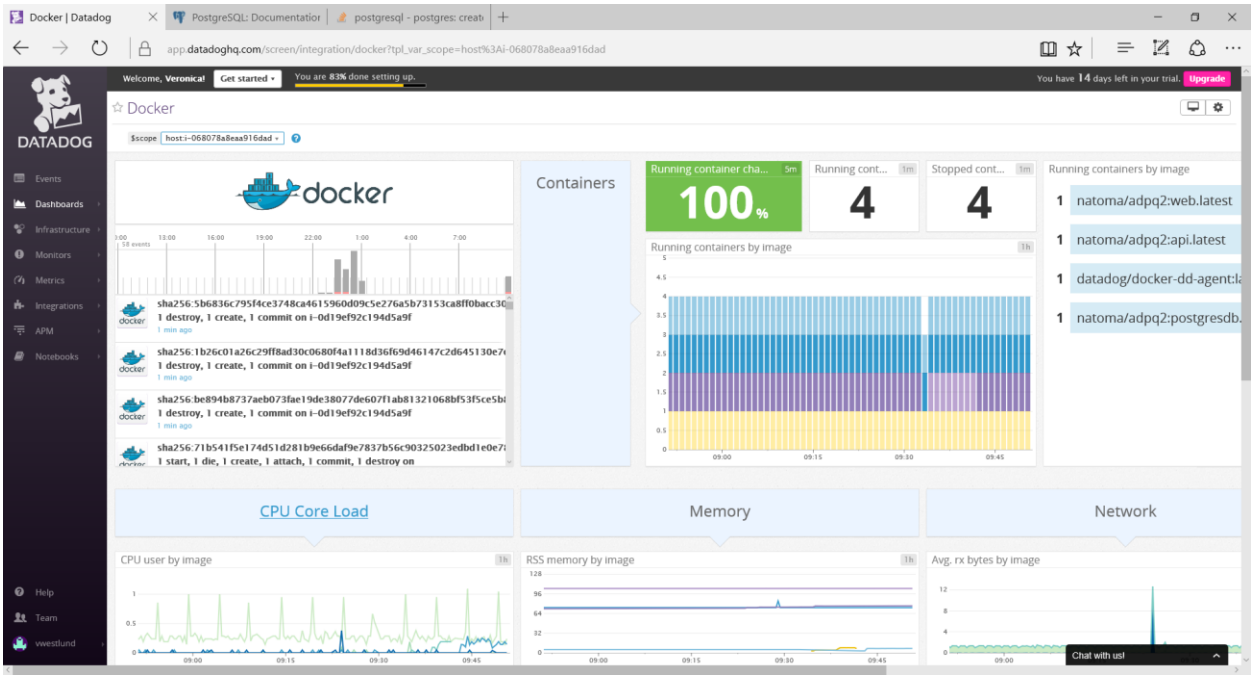


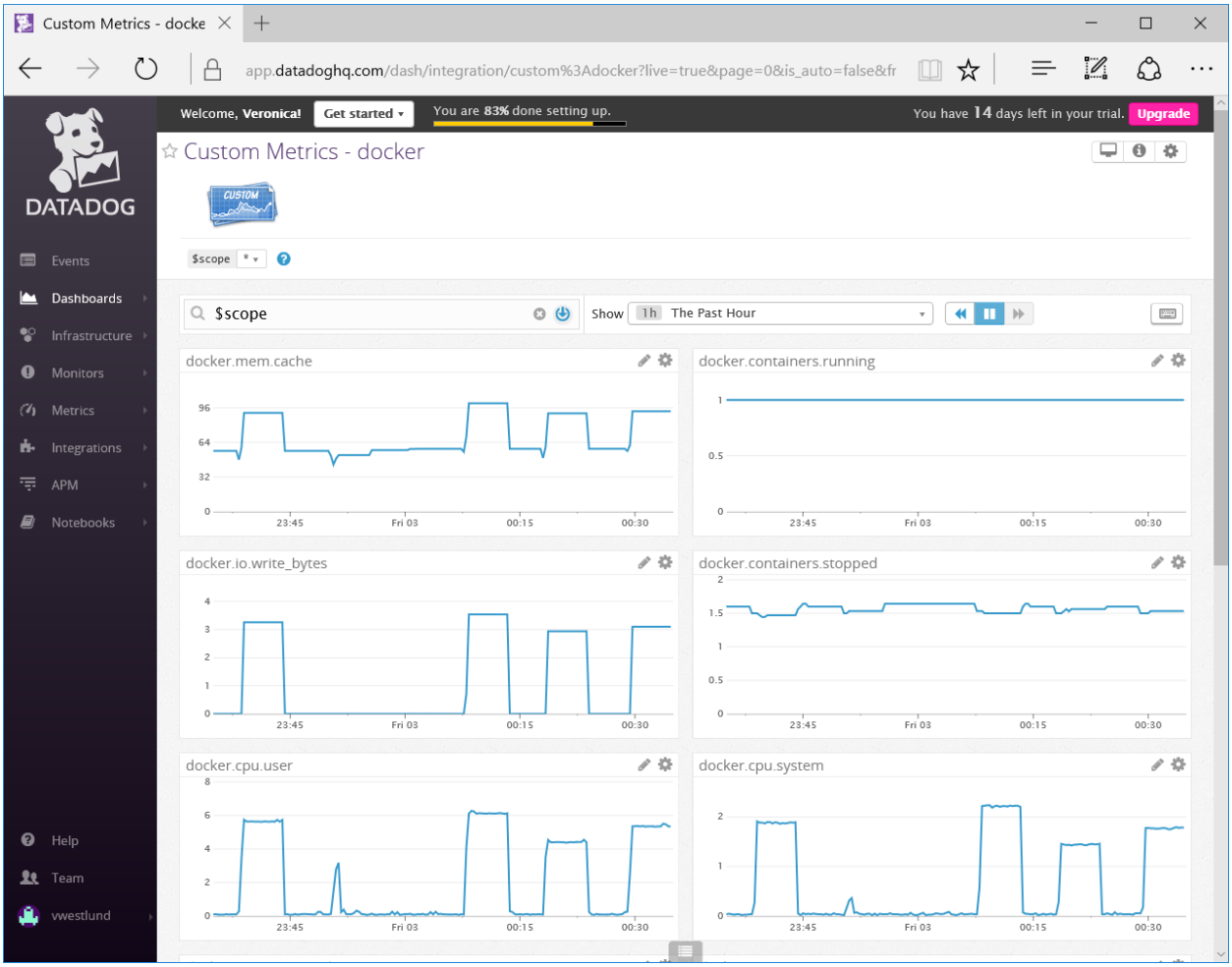


Docker view of CI – build Server

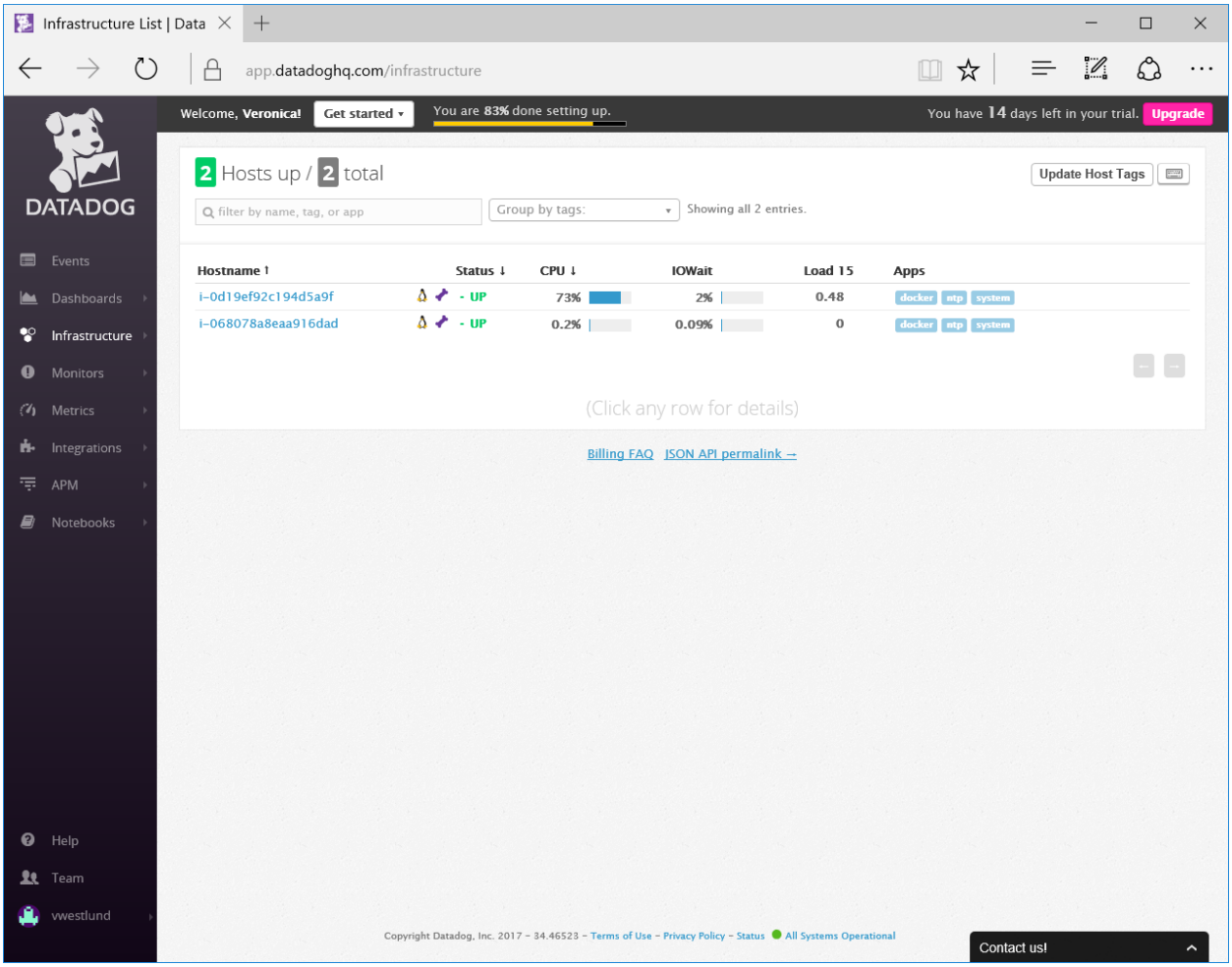


Docker view of Production

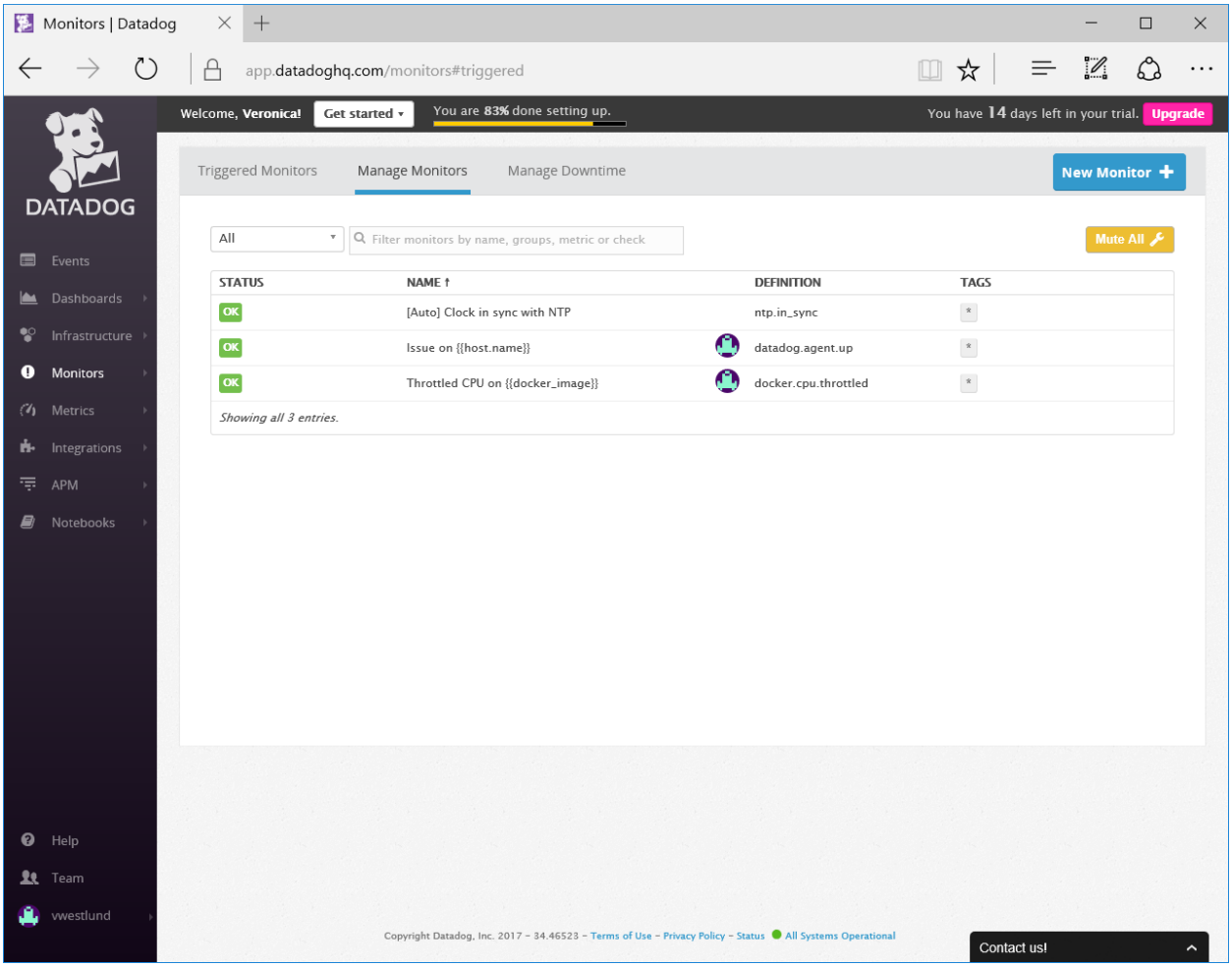




Monitors that can alert



Monitors in place to provide alerts if needed.


Monitors | Datadog
app.datadoghq.com/monitors#triggered
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Triggered Monitors
Manage Monitors
Manage Downtime
New Monitor
All
Filter monitors by name, groups, metric or check
Mute All
STATUS
NAME
DEFINITION
TAGS
OK
[Auto] Clock in sync with NTP
ntp.in_sync
OK
Issue on {{host.name}}
datadog.agent.up
OK
Throttled CPU on {{docker_image}}
docker.cpu.throttled
Showing all 3 entries.
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