



Welcome To GrafanaCon 2016

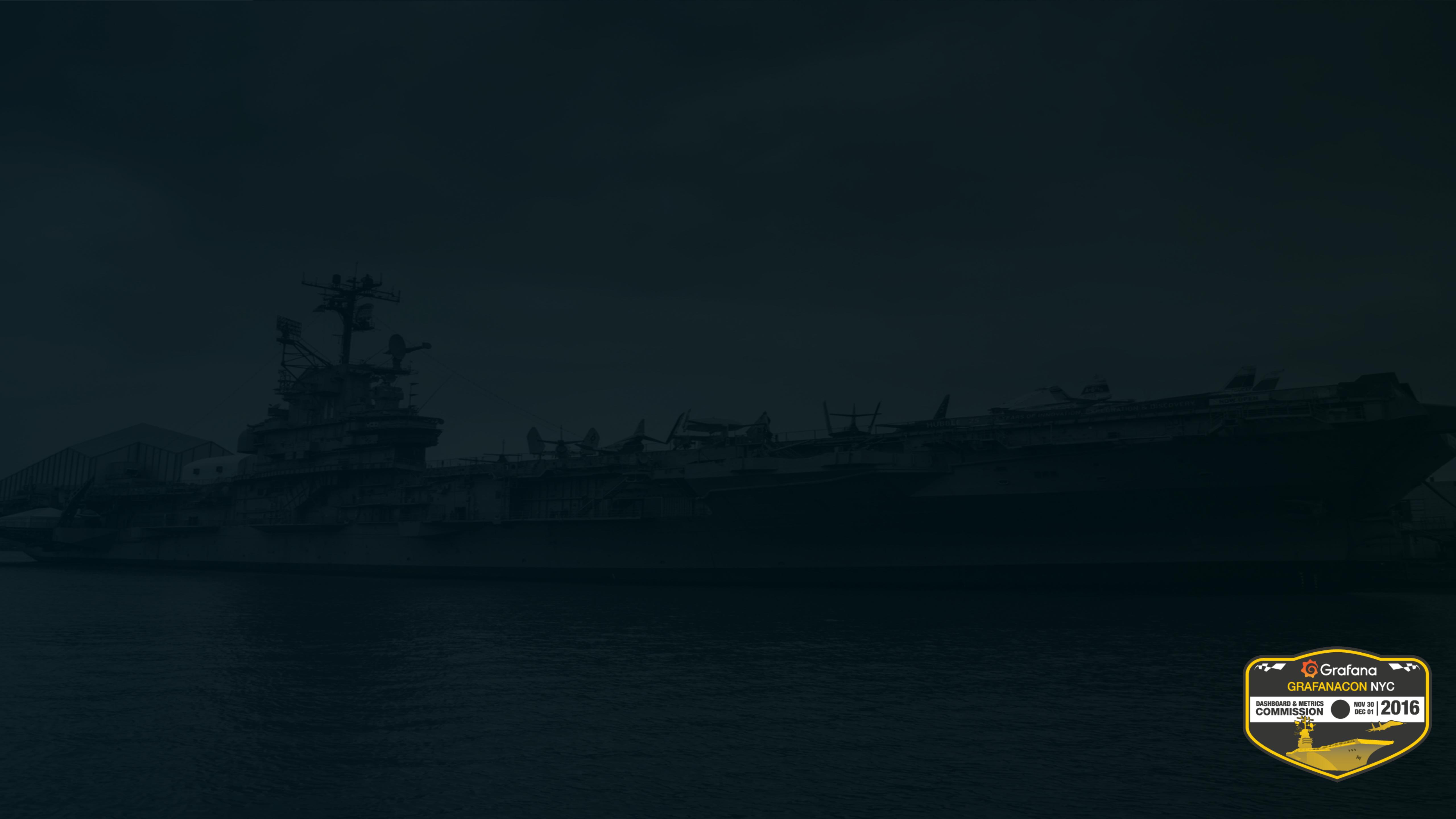




Torkel Ödegaard

Grafana Creator & Project Lead
Raintank Co-Founder









Big Dashboard Theme ▾



Zoom Out ▶

Nov 29, 2016 11:36:13 to Nov 29, 2016 12:36:13



Sign ups

278

Logins

196

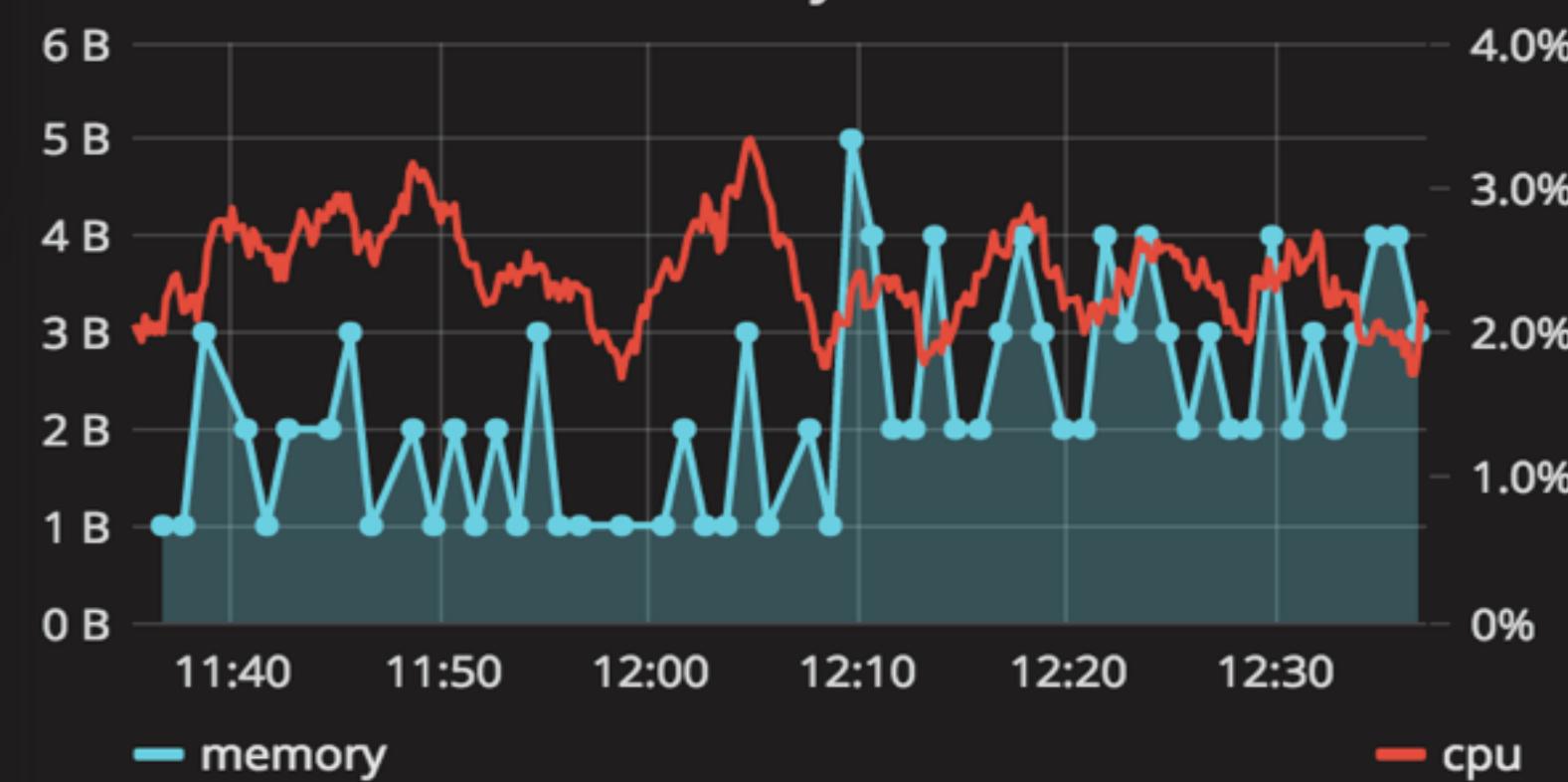
Sign outs

281

Support calls

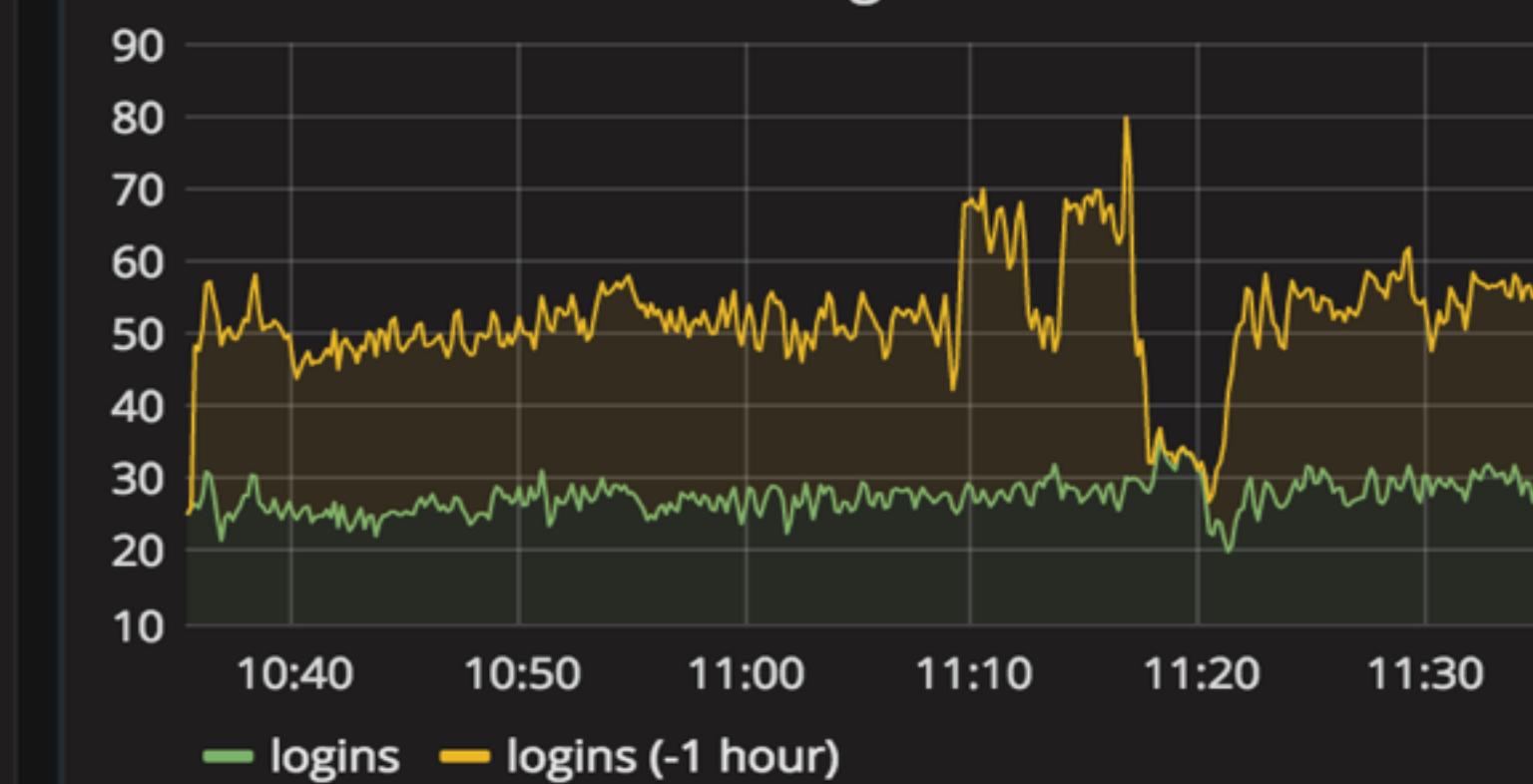
84

Memory / CPU



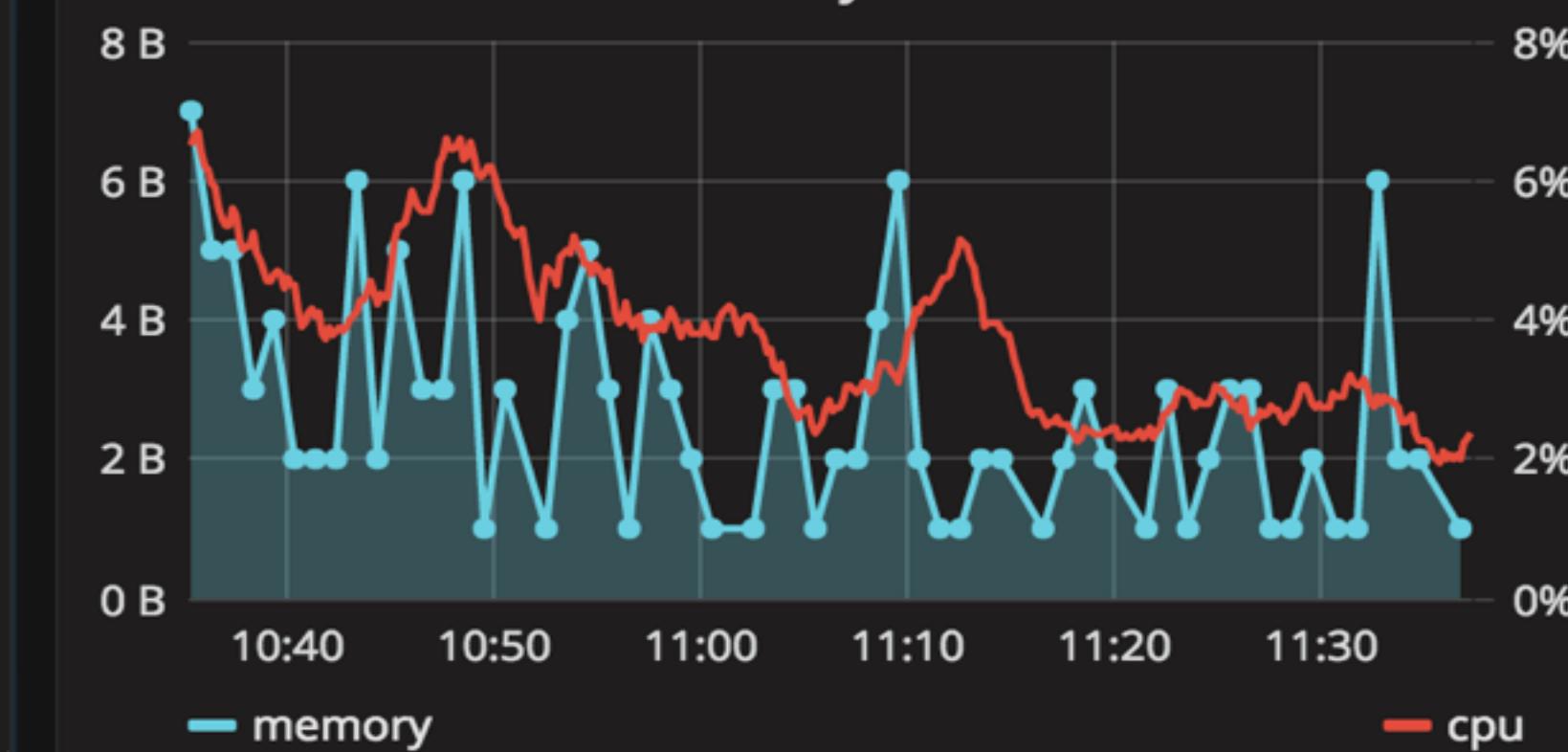
logins

timeshift -1h

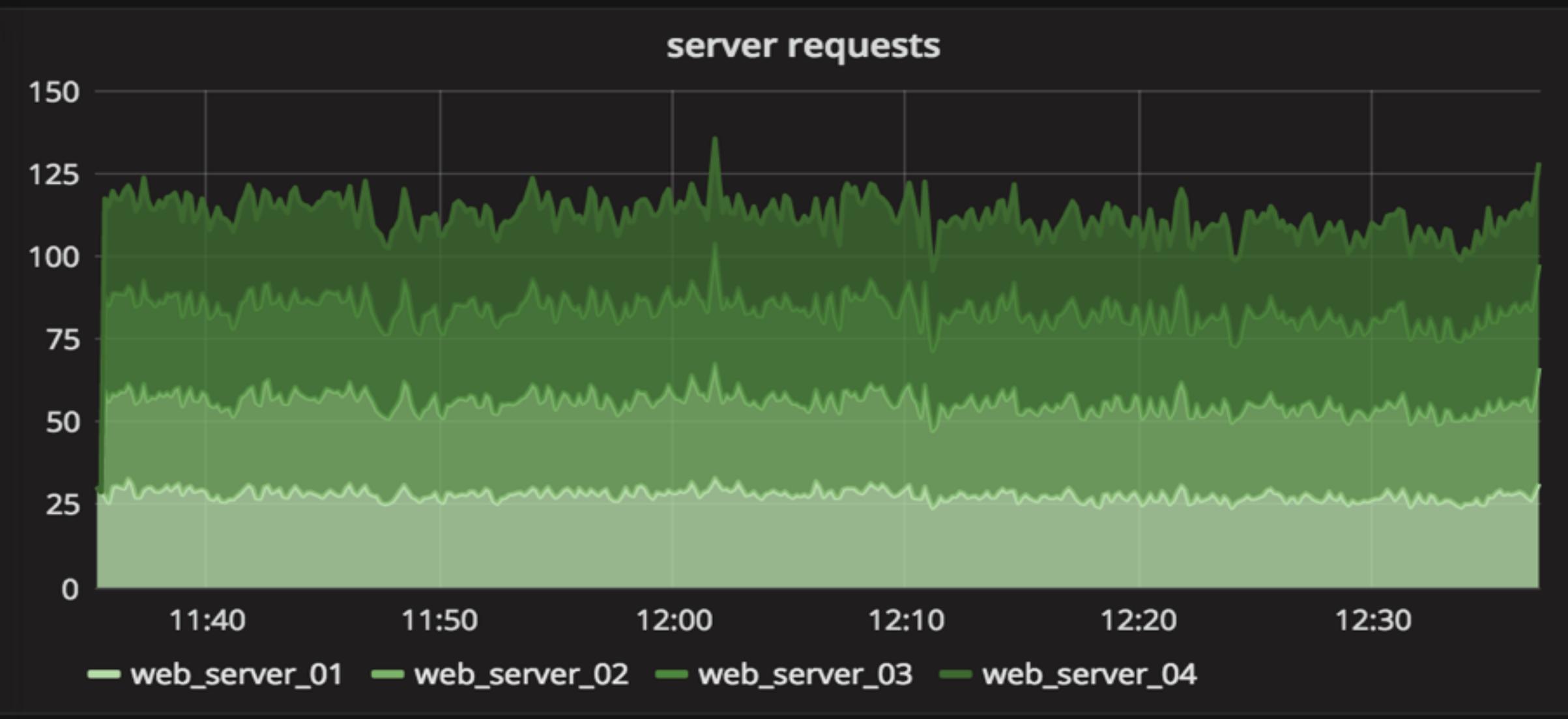


Memory / CPU

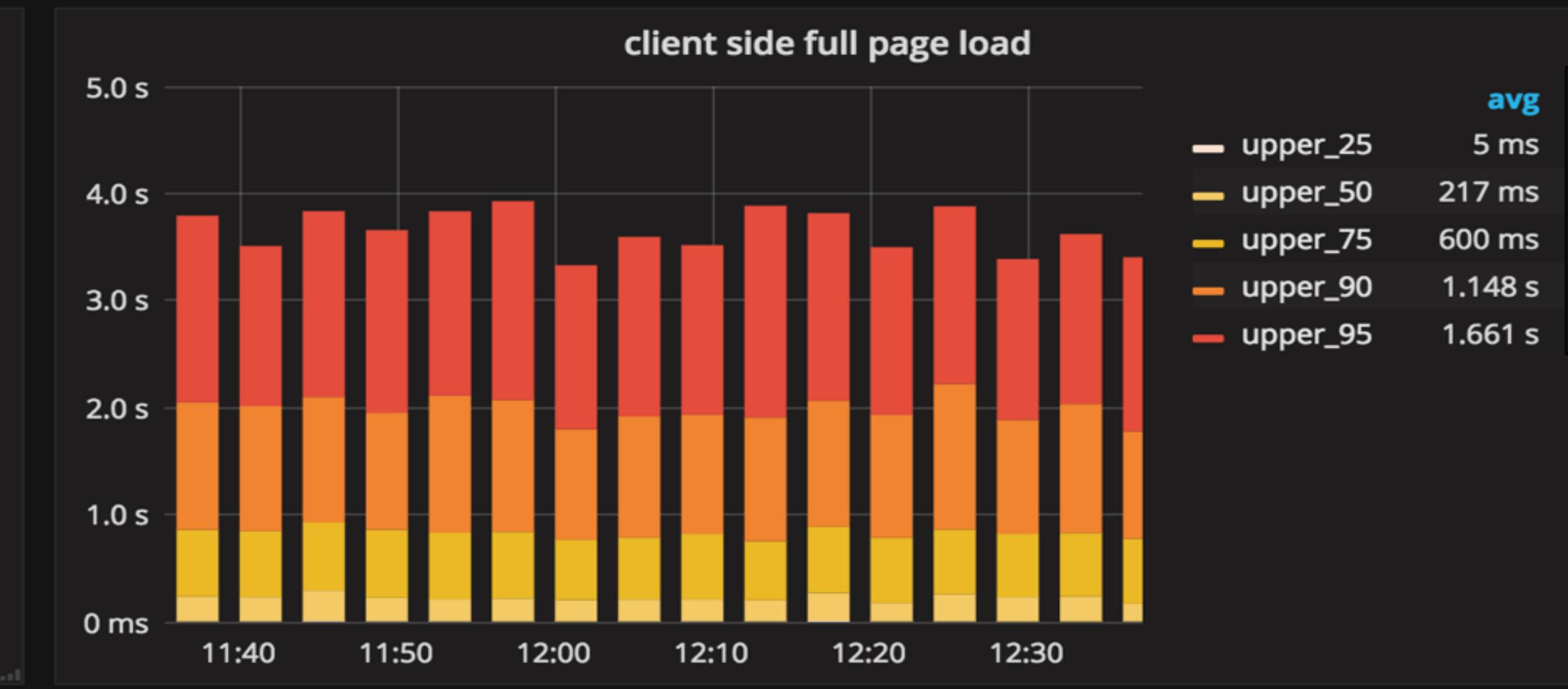
timeshift -1h



server requests



client side full page load





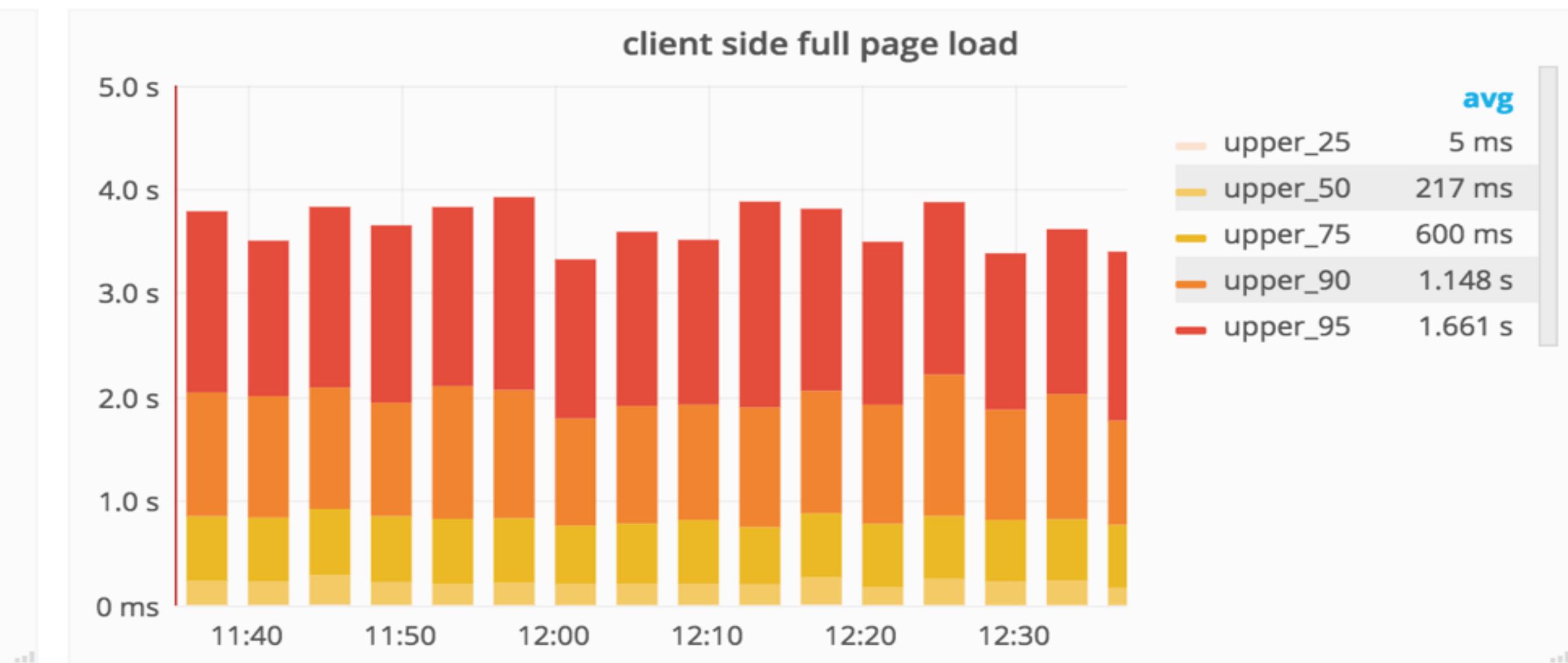
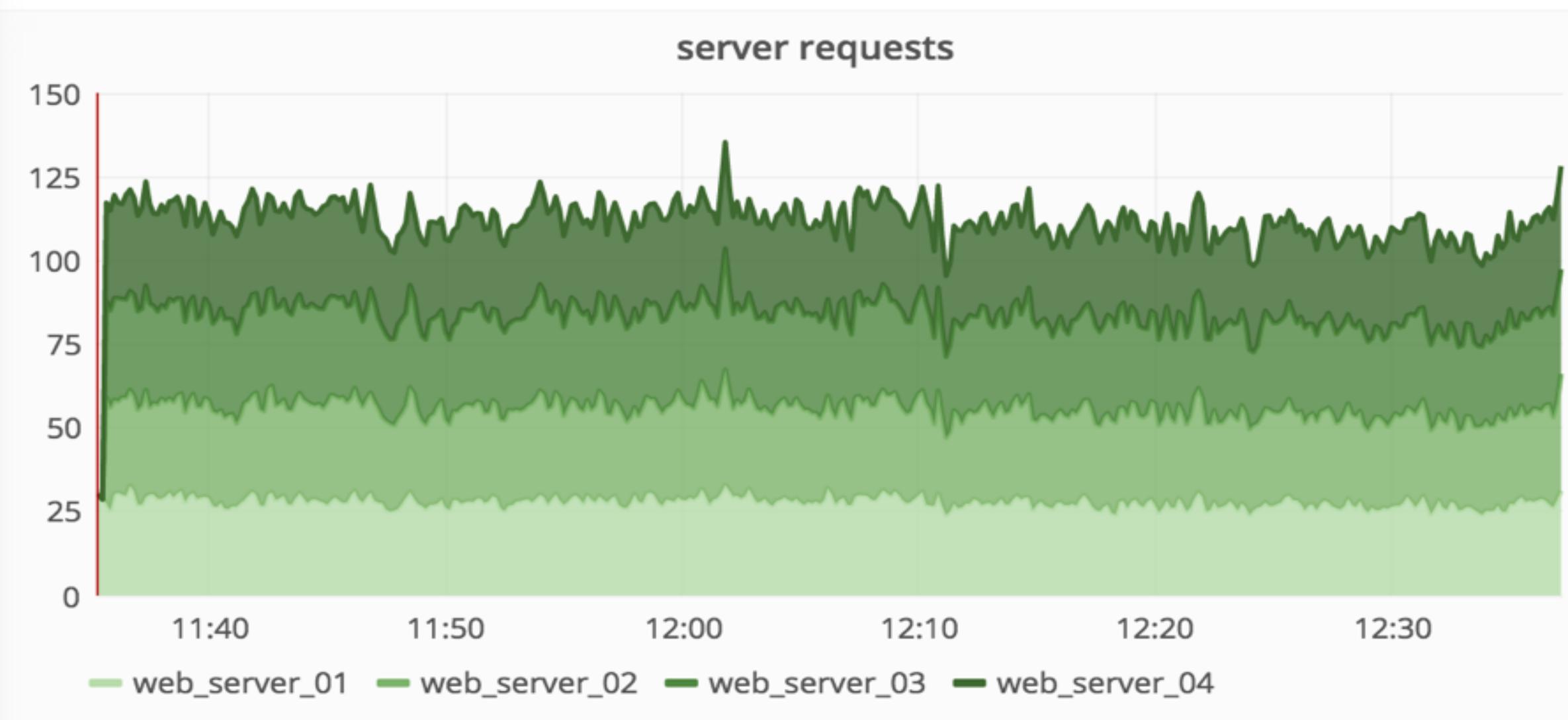
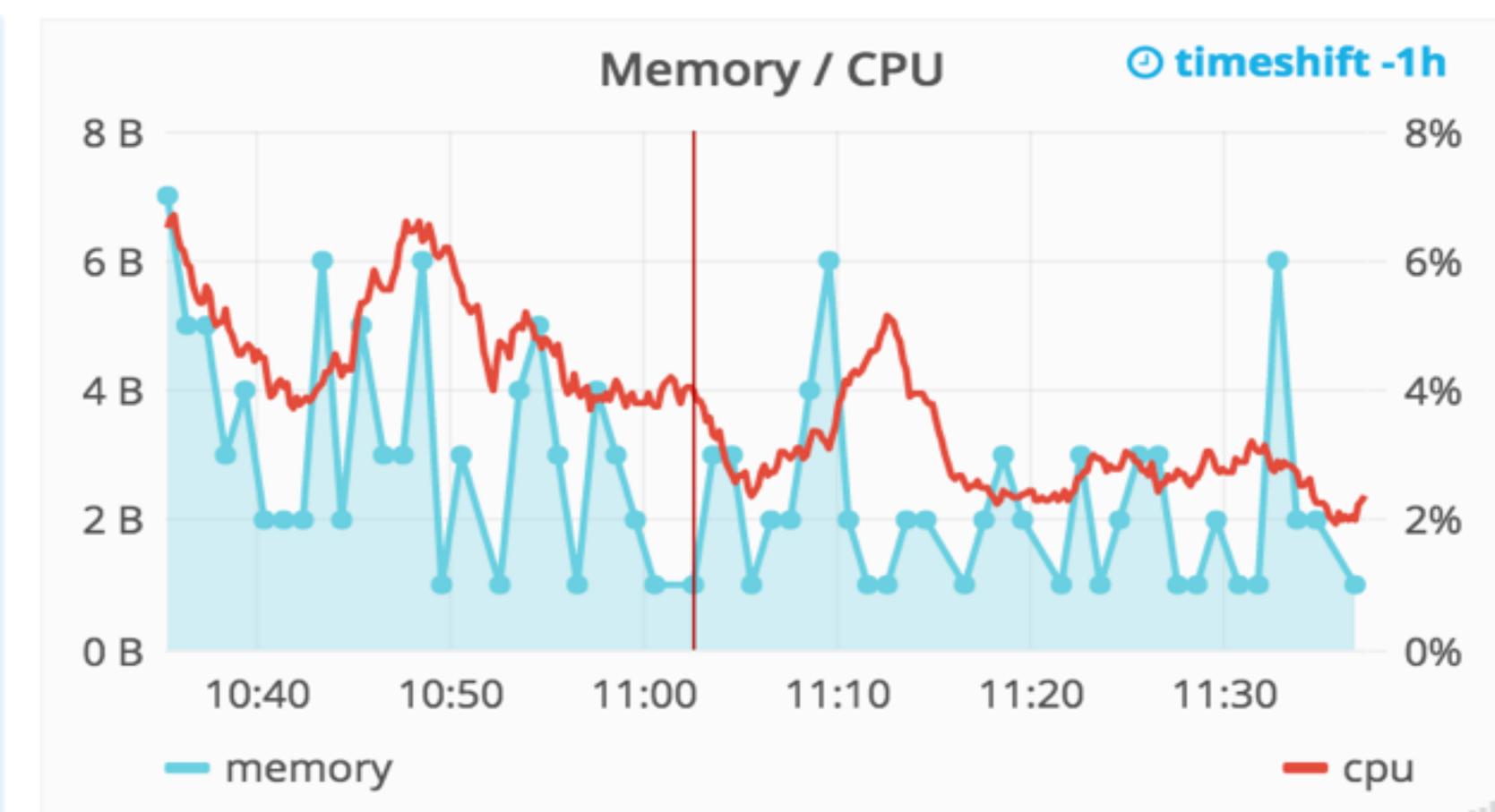
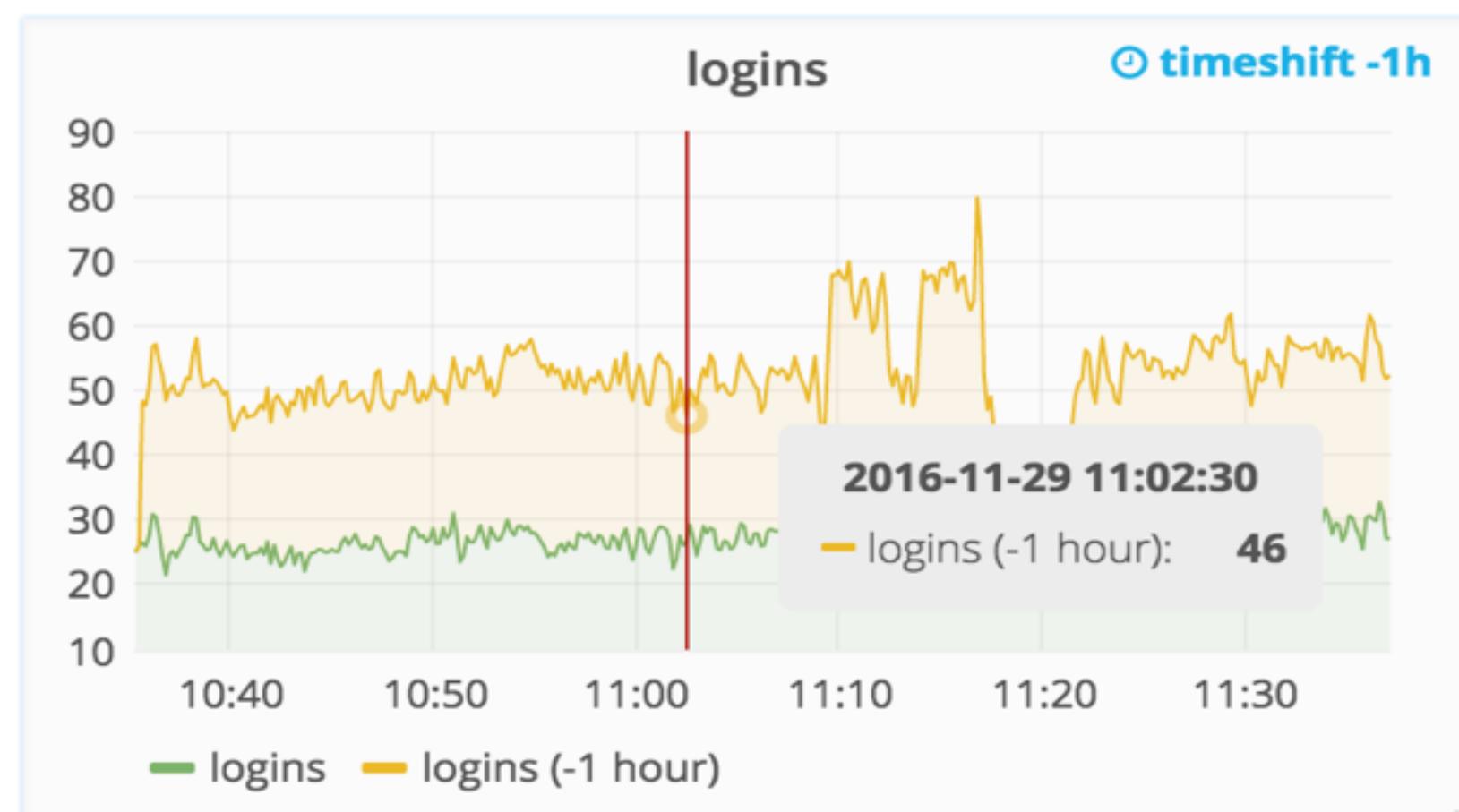
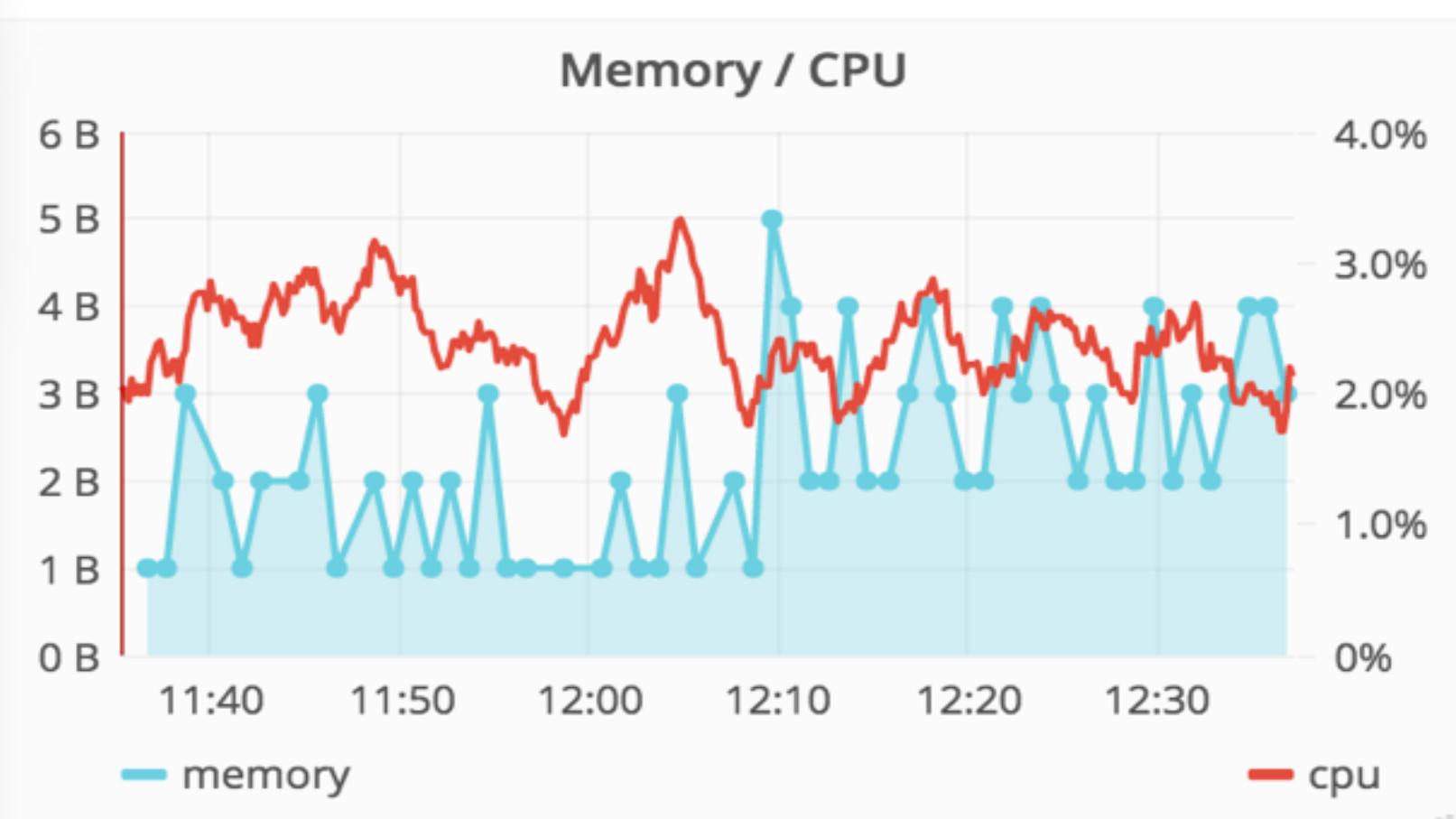
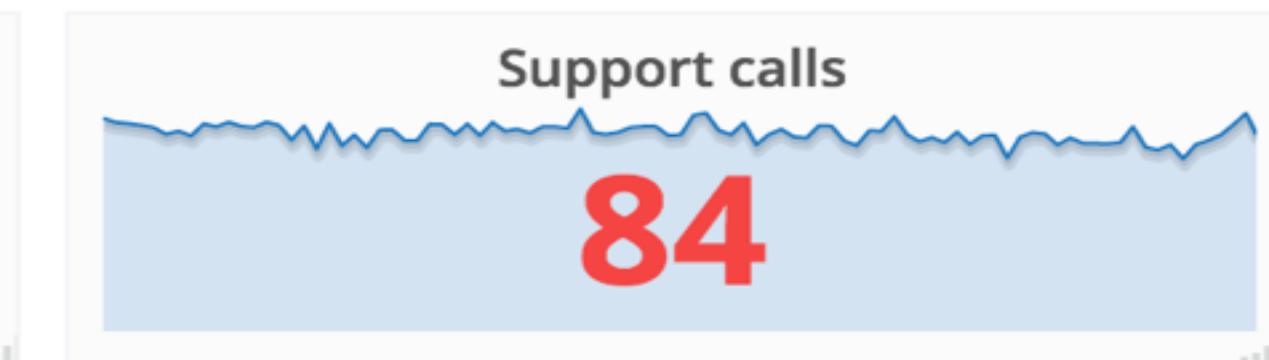
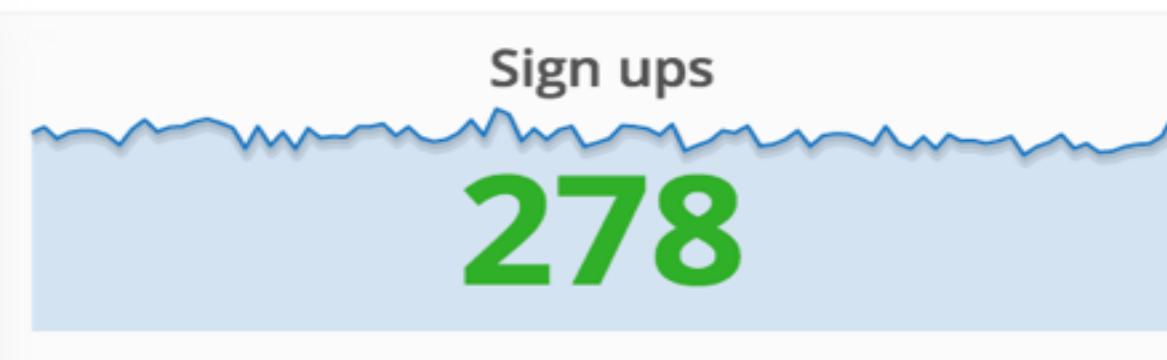
Big Dashboard Theme ▾



Zoom Out



Nov 29, 2016 11:36:13 to Nov 29, 2016 12:36:13







Sponsors





STAPLES

 **kentik**

NS1.

 **PERCONA**

 **CIRCONUS**

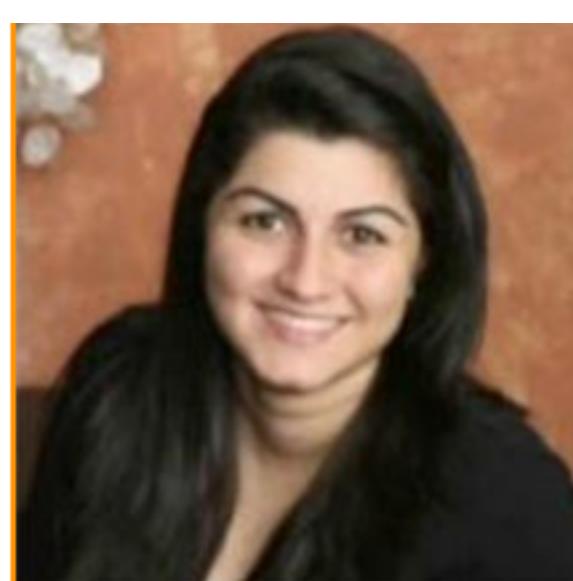
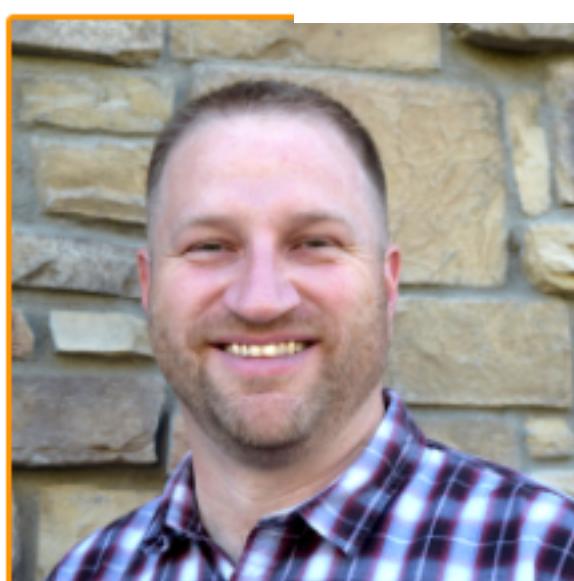
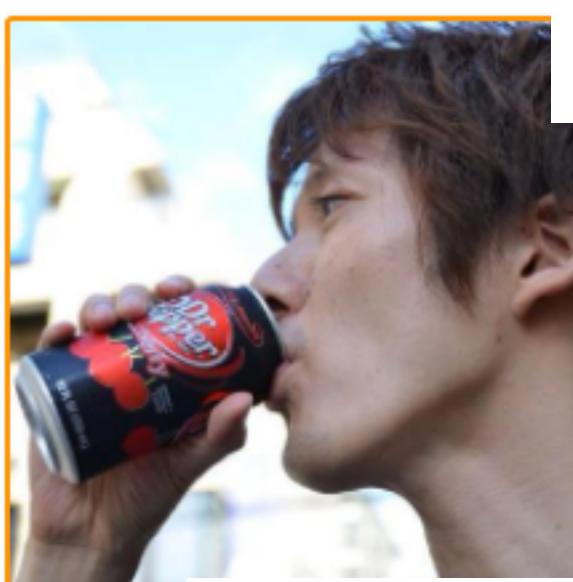
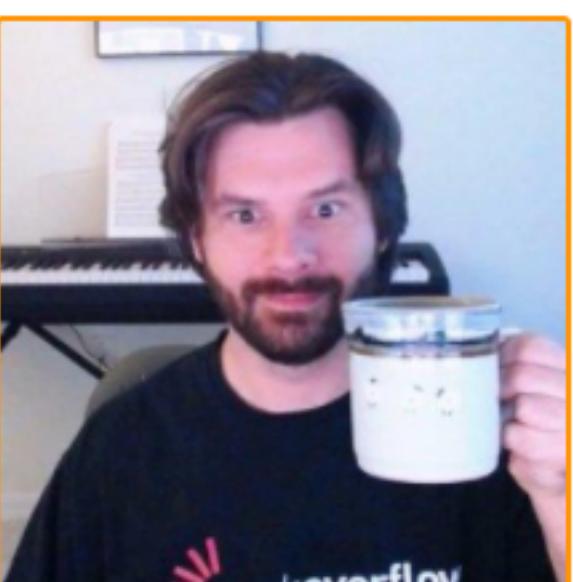
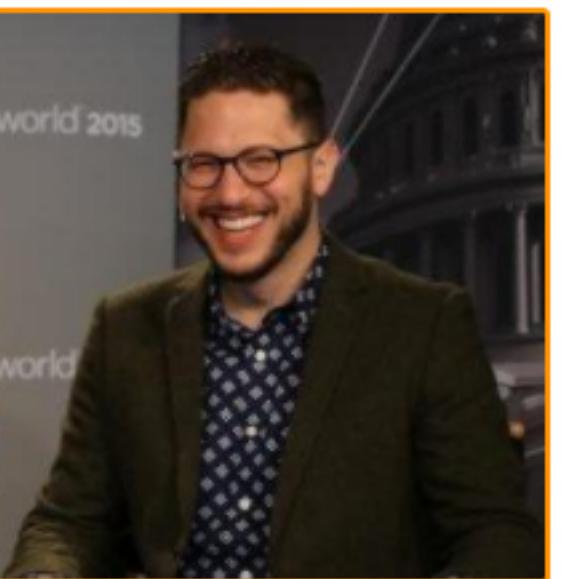
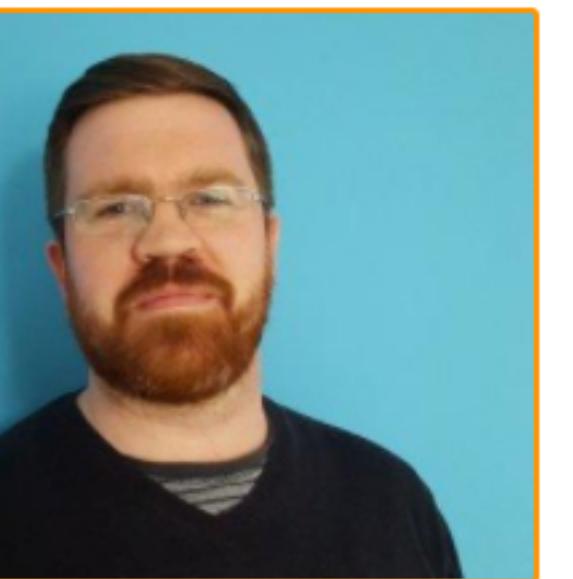
 **CRATE.IO**

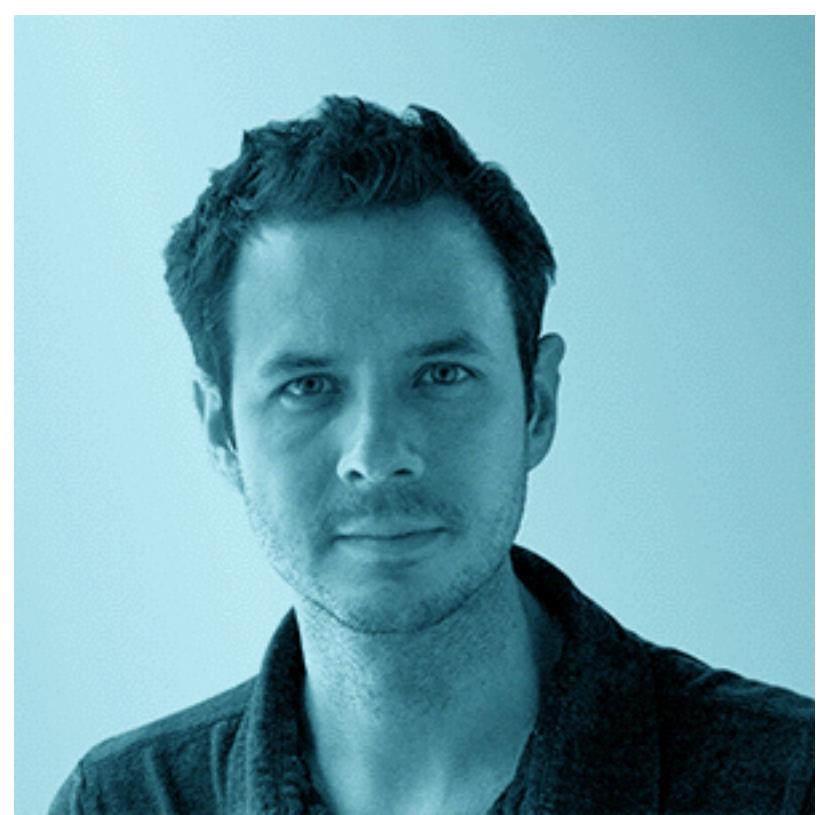
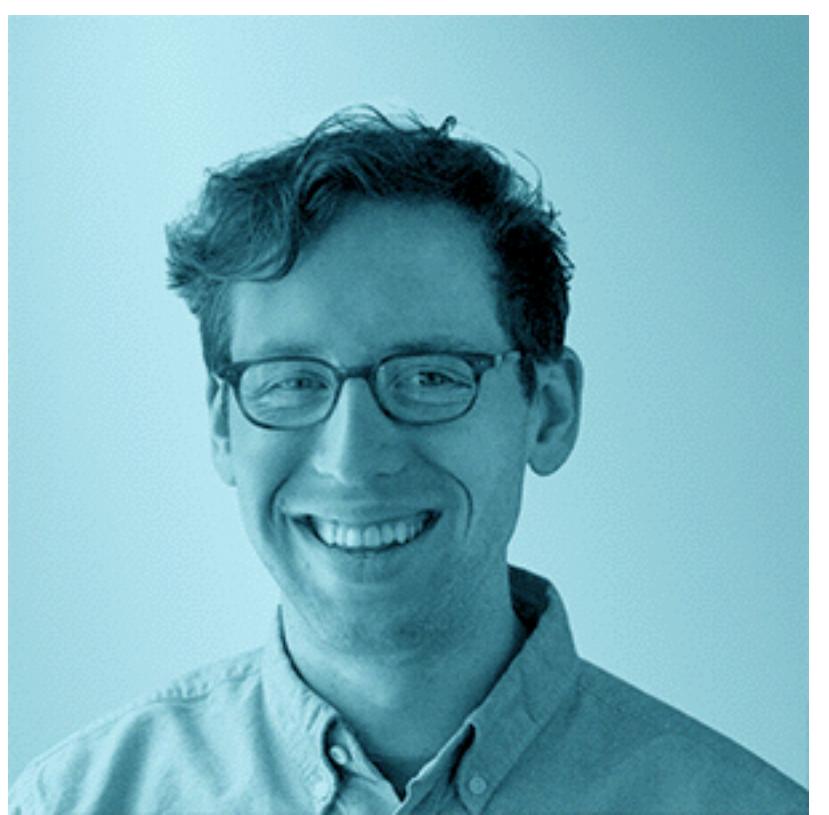
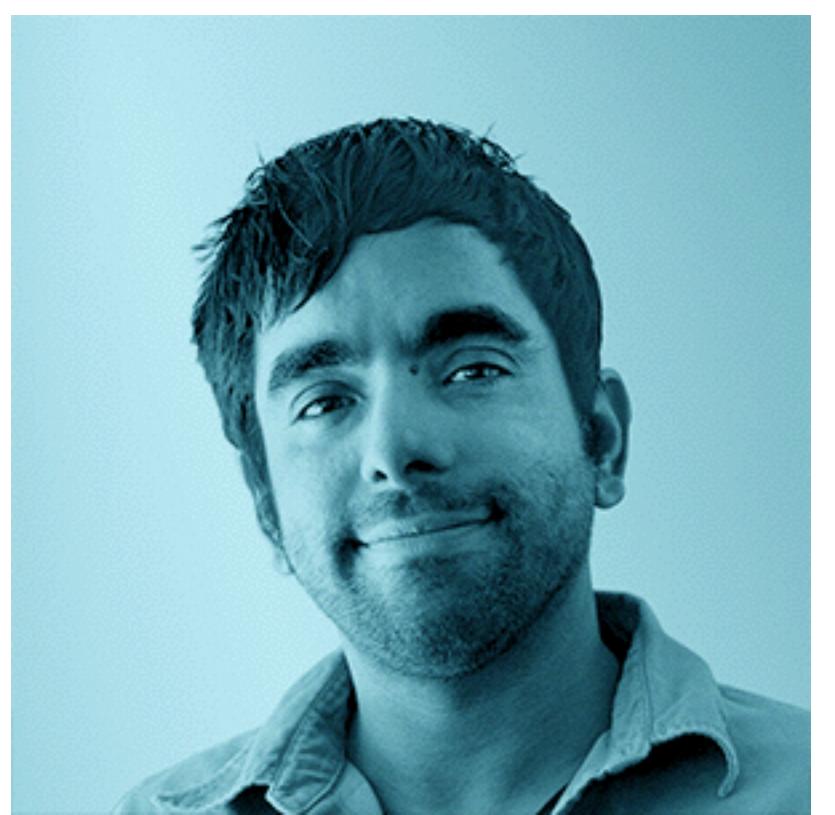


 **influxdata**









Thanks to all of you



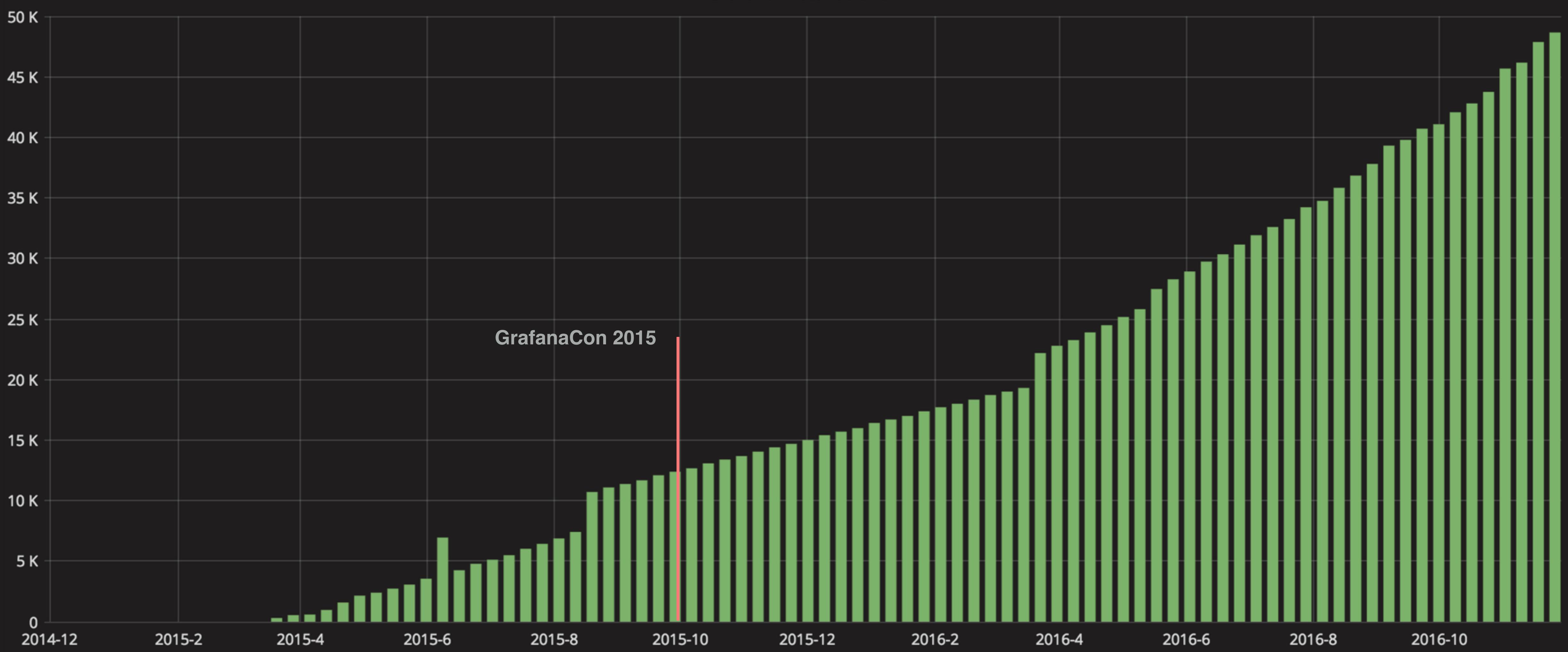


Grafana

2015 - 2016



Grafana Installations



Grafana Releases

- *Version 2.5 - October 29, 2015*
 - *Elasticsearch*
 - *Prometheus*
- *Version 2.6 - December 13, 2015*
 - *Table panel*



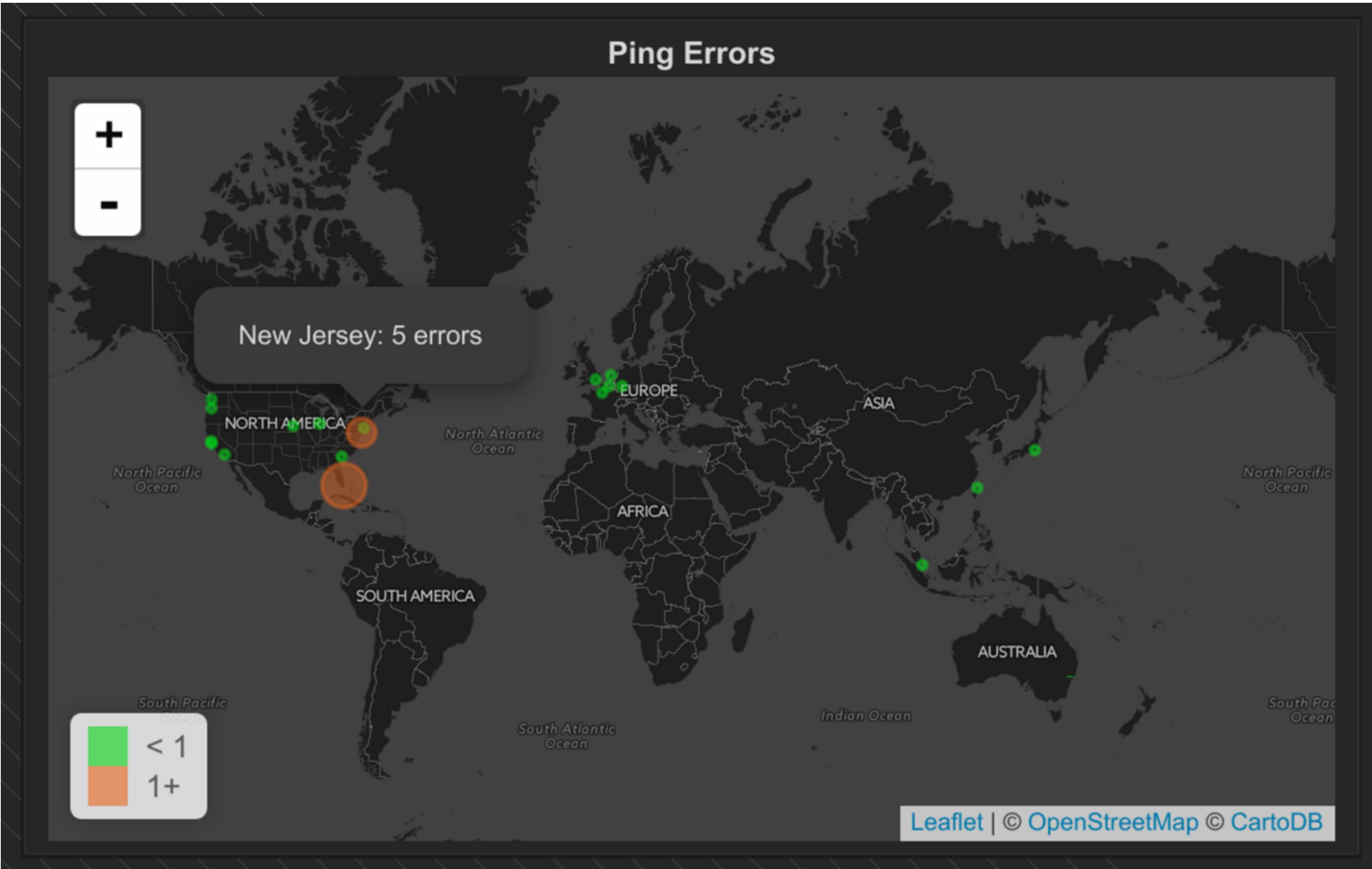
Grafana Releases

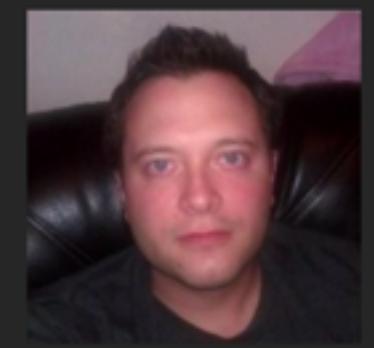
- *Version 3.0 - 11 May 2016*
 - *New plugin system*
 - *Improved UX*
- *Version 3.1 - 12 July, 2016*
 - *Dashboard sharing/import via grafana.net*



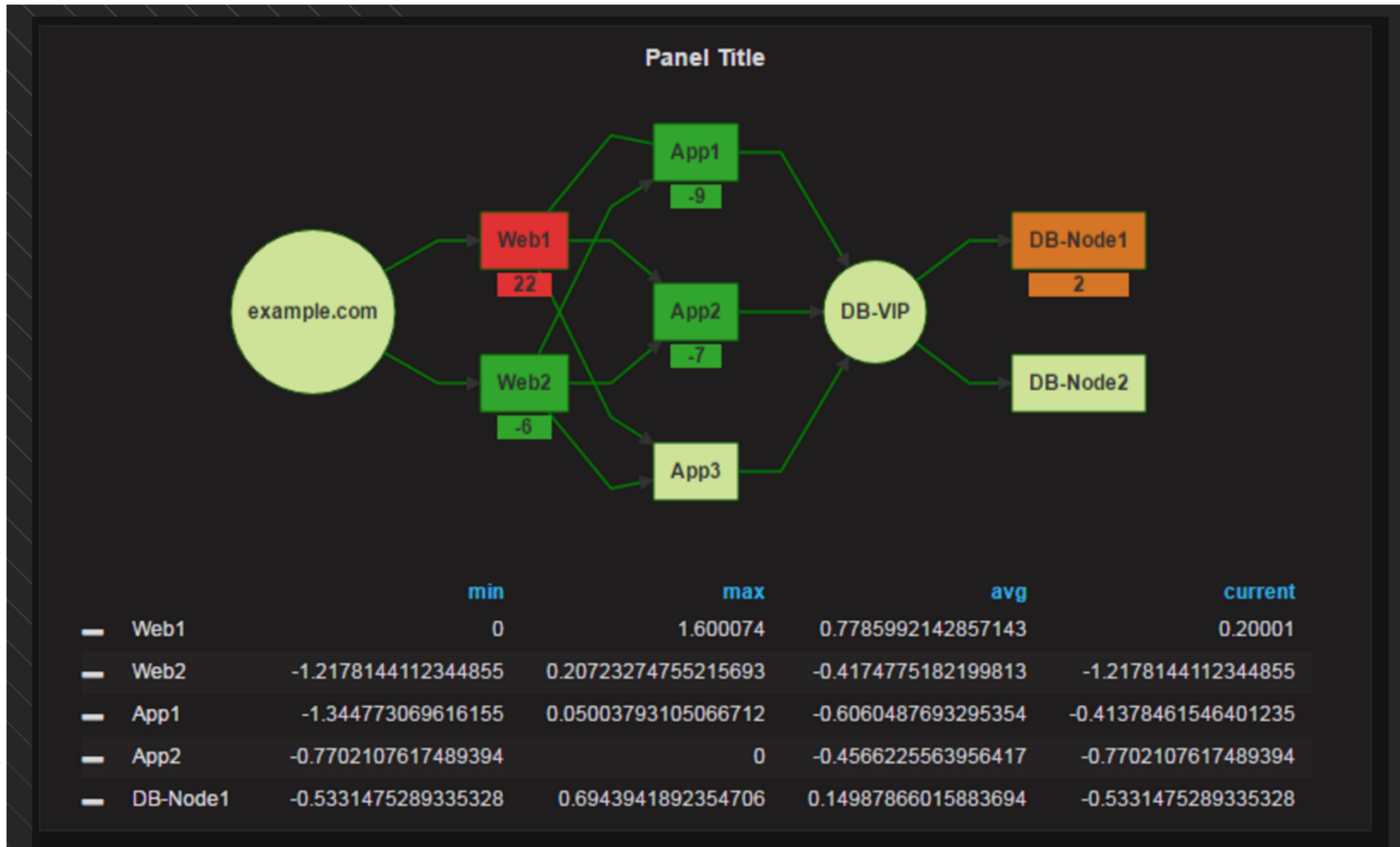


Ping Errors





Jeremy Branham
jdbranham
Joined on September 28, 2016

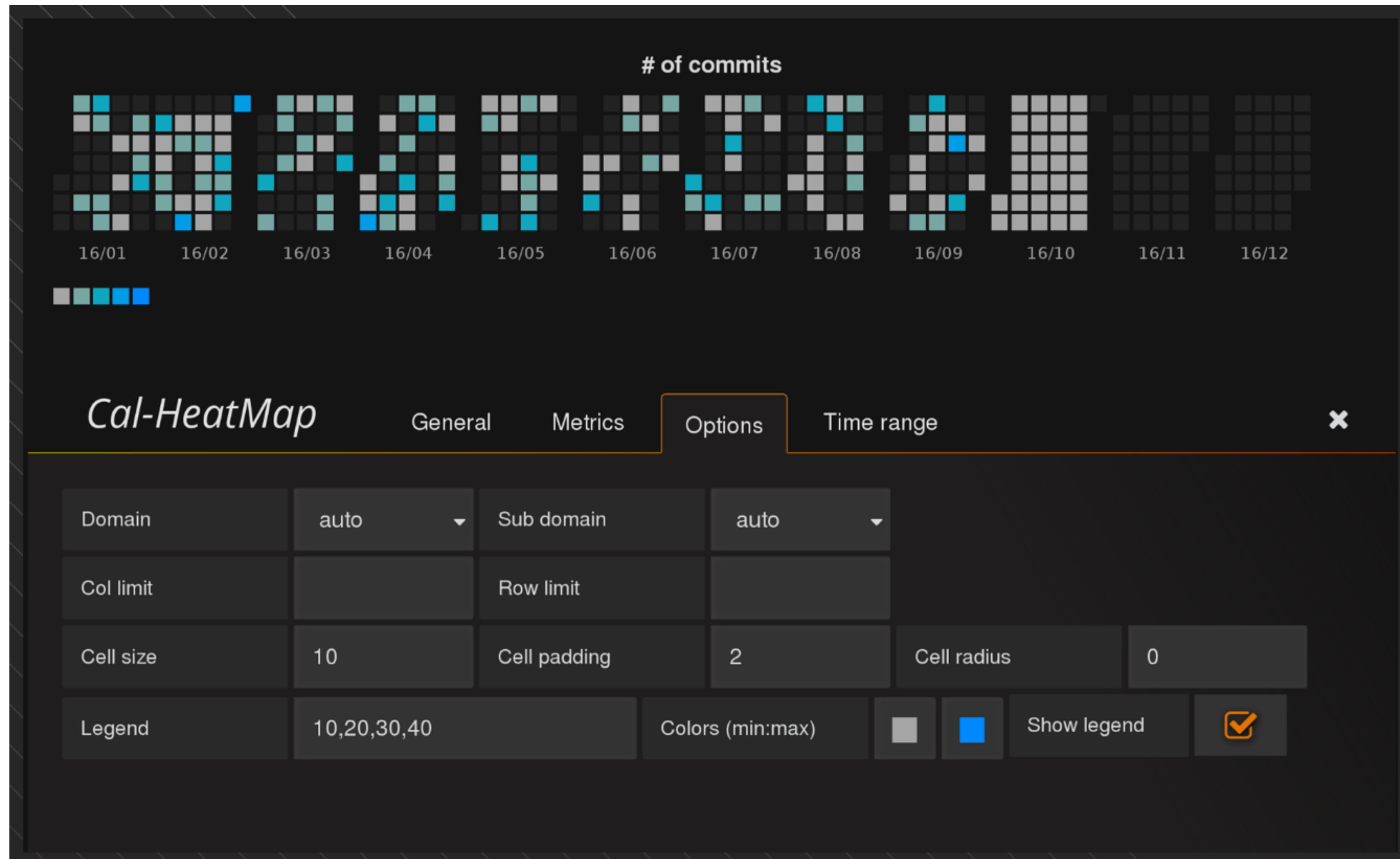




neocat

neocat

Joined on November 8, 2016



Clock Panel



LAUNCH IN

23 hours, 13 minutes, 56 seconds

NEW YORK

10:44:02 AM

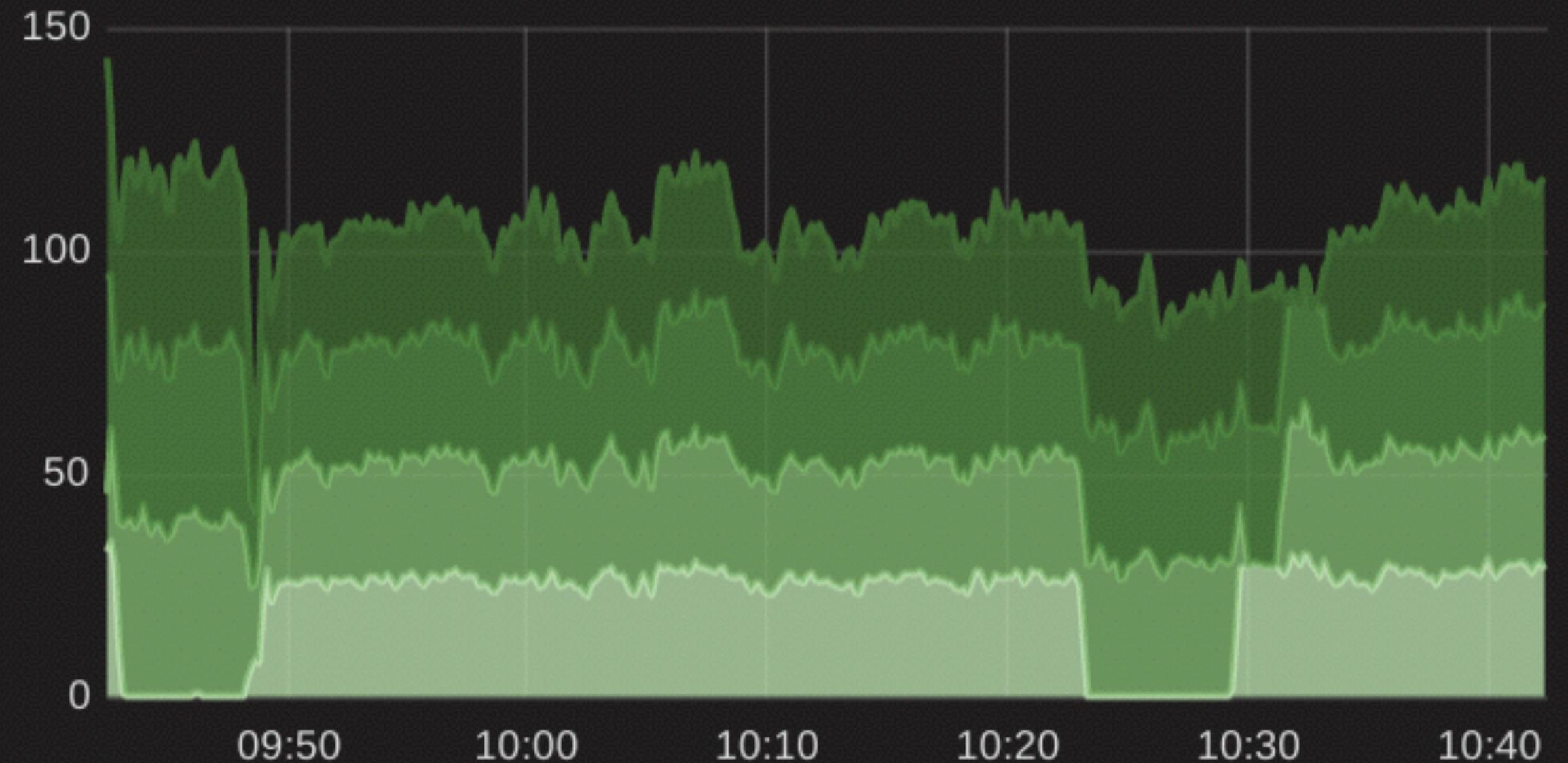
LONDON

14:44:02

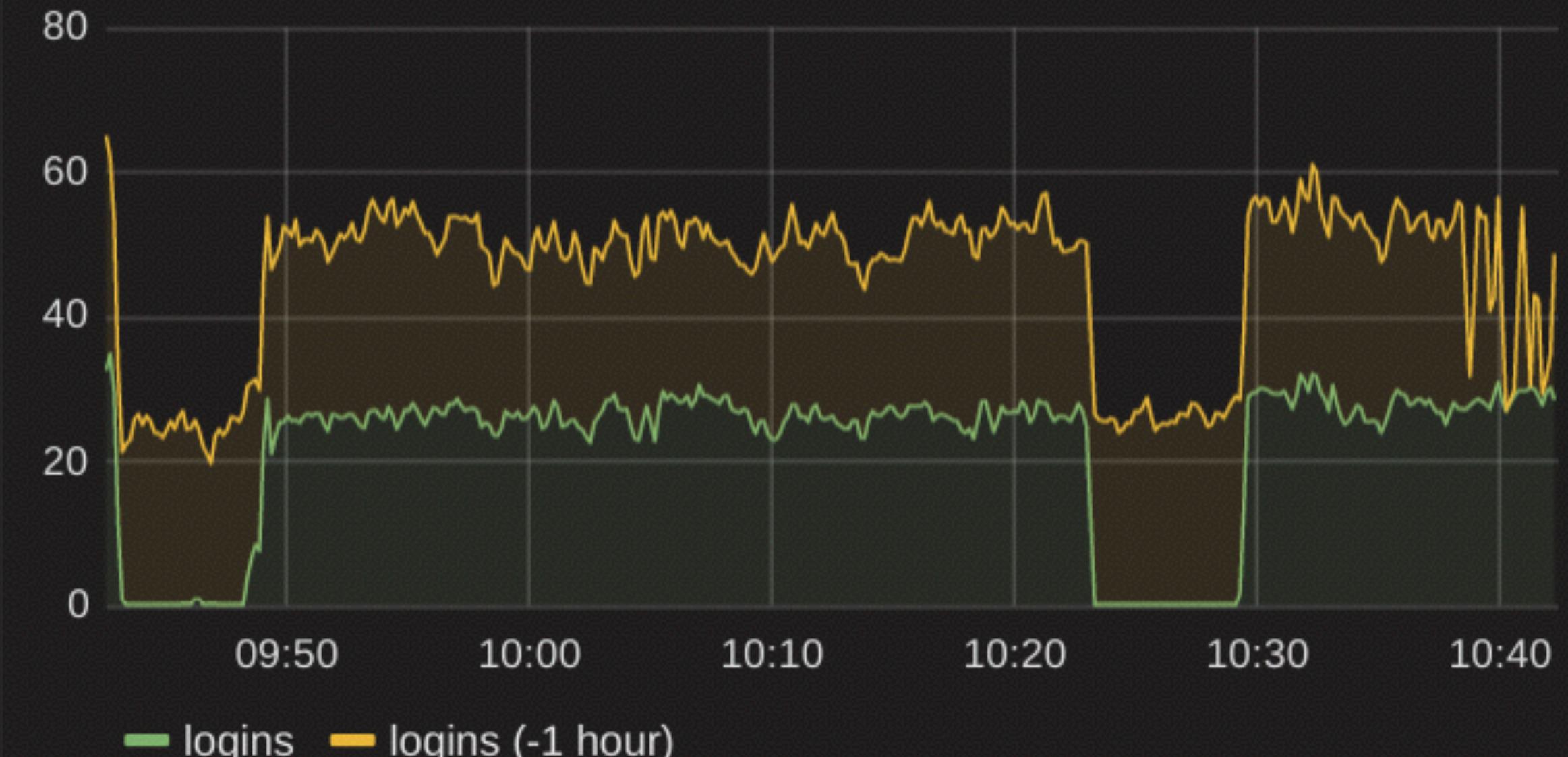
HONGKONG

22:44:02

server requests



logins



Apps





Bosun

by Bosun Team
Bosun Datasource and Bosun Panels



Zabbix by Alexander Zobnin
Zabbix plugin for Grafana



worldPing

by Raintank
worldPing is a plug-in for Grafana that continually tests,



NS1 for Grafana by NS1

 APPLICATION

NS1 for Grafana allows for the collection and graphing of NS1 data



Kentik Connect Pro by Kentik

 APPLICATION

Kentik Connect Pro allows you to quickly and easily add network activity visibility metrics to your Grafana dashboard.

[All Plugins](#) » [Kentik Connect Pro](#)

Dashboards



Dashboards.

Filter by:

Data Source

Graphite

Panel Type

All

Category

All

Collector

All

Search within this list





Atop Monitoring by rchakode
Dashboard to visualizing performance metrics built from counters extracted from atop and... Downloads: 234

GRAPHITE OTHER



Carbon C Relay by matejz
Dashboard showing Carbon C Relay internal metrics Downloads: 365

GRAPHITE



Carbon-relay-ng by dieterbe
GRAPHITE Downloads: 83

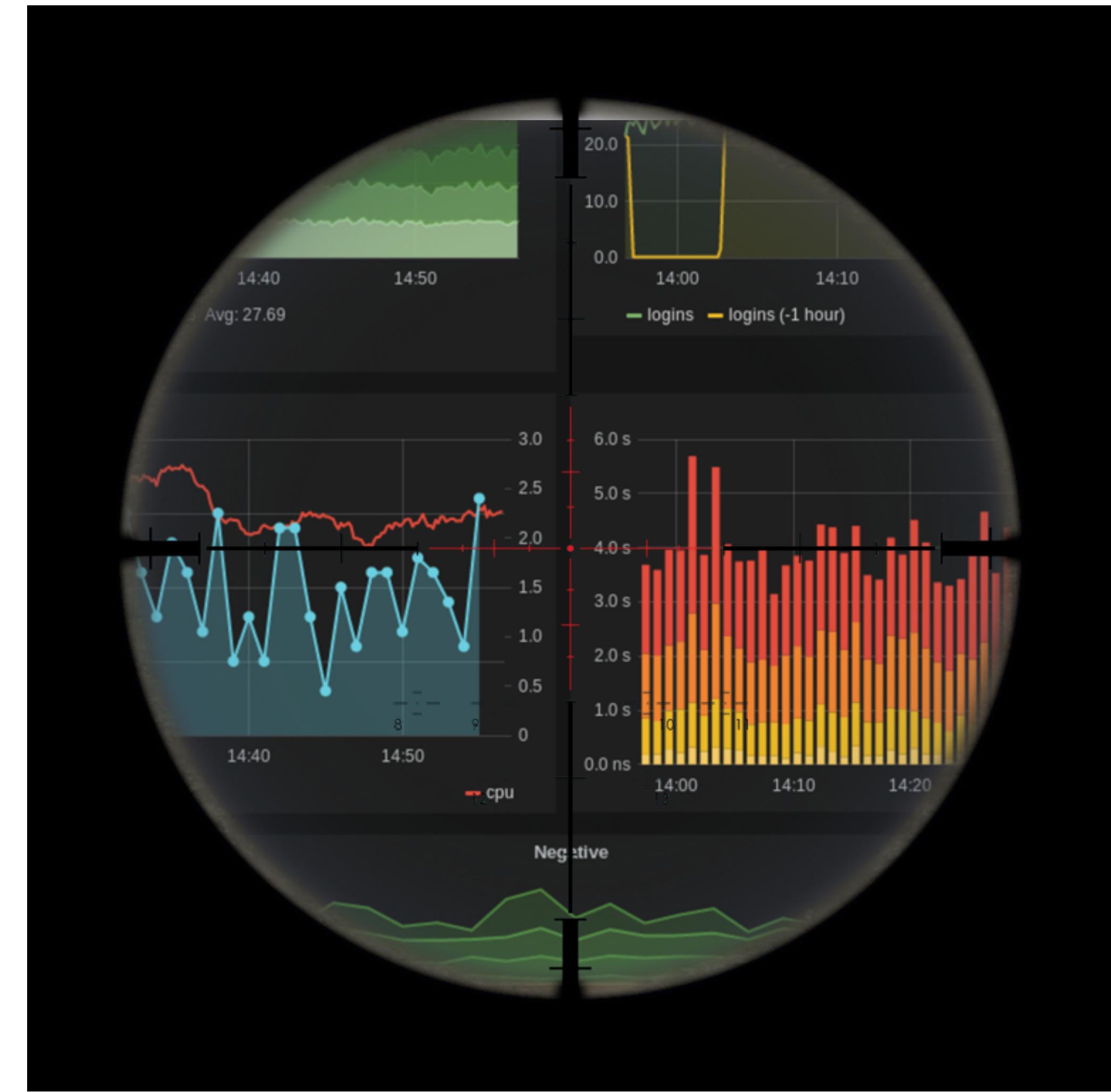


CollectD Server Metrics by Torkel Ödegaard
CollectD & Graphite Server Metrics Dashboard with CPU, Memory, IO & Disk Stats Downloads: 2119

GRAPHITE COLLECTD: CPU PLUGIN, DF PLUGIN, DISK PLUGIN



CollectD Server Metrics by jimcs



Who Uses Grafana?



U B E R



TED



NetApp®



vimeo



Bloomberg



B B C NEWS

Who Uses Grafana?



Who Uses Grafana?





LAUNCH CONTROL CENTER

CAPE CANAVERAL, FLORIDA



A photograph of the Launch Control Center at Cape Canaveral, Florida. The room is filled with rows of computer monitors displaying various data and video feeds. In the foreground, a person wearing a headset is seated at a desk. A yellow speech bubble in the upper left corner contains the text "Wait a minute. This looks familiar...". A large yellow circle in the center contains the word "Enhance...". A yellow speech bubble in the lower right corner contains the text "Yep. Grafana spotted!".

Wait a minute.
This looks familiar...

Enhance...

Yep.
Grafana spotted!

LAUNCH CONTROL CENTER

CAPE CANAVERAL, FLORIDA

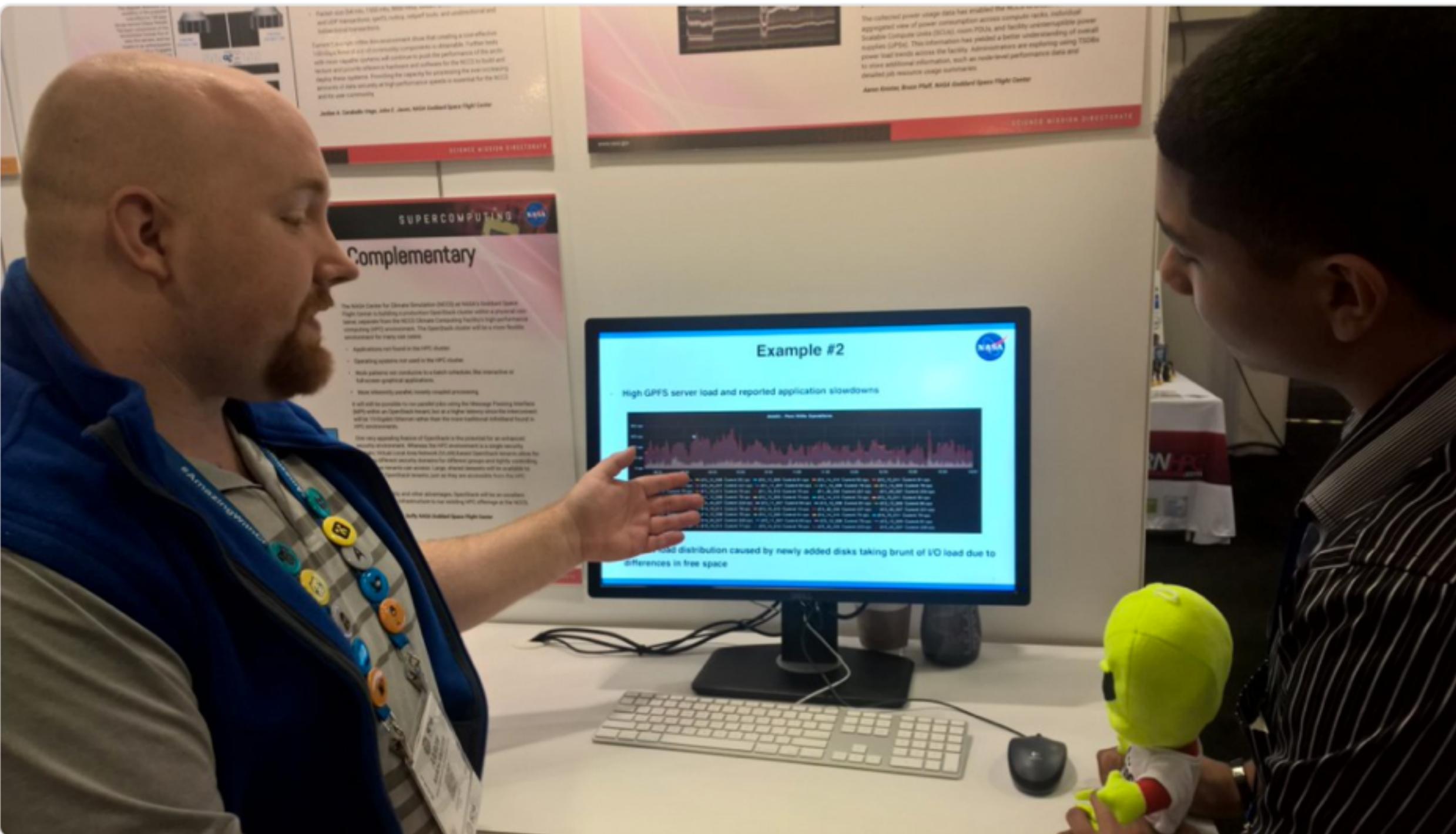


NASA Supercomputing
@NASA_Supercomp



Follow

@NASA_NCCS's Aaron Knister teaches our #Phion1 visitor about time series databases in the NASA #SC16 booth!



RETWEETS

5

LIKES

15



7:40 PM - 16 Nov 2016



2



5



15

...



BUILT BETTER TOGETHER



Grafana



raintank



Large-Scale Scientific Computing Monitoring with Grafana

Kevin Retzke

Fermilab



What's new In Grafana v4.0



Grafana v4.0 Released Yesterday



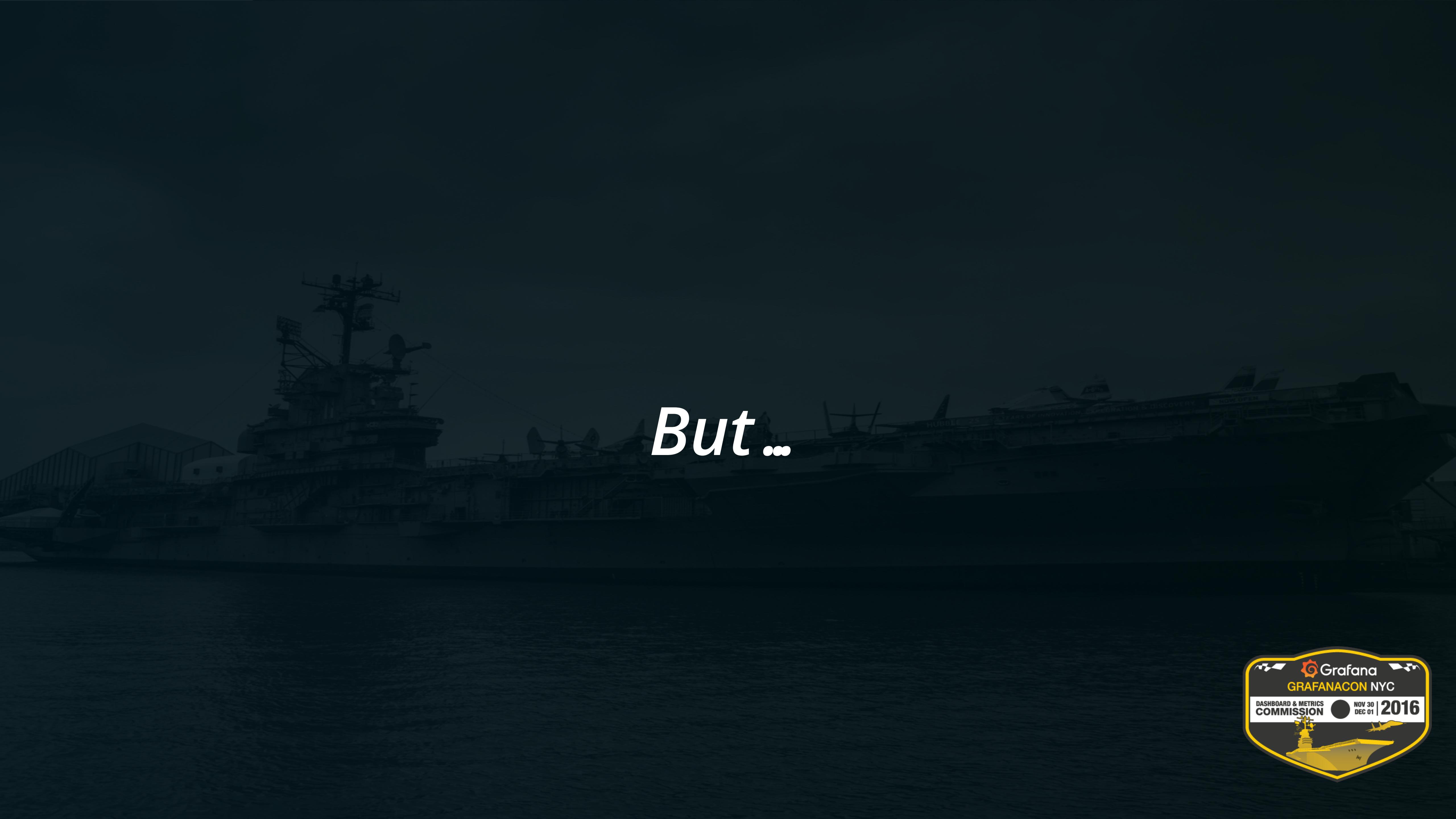
PRETTY PLEASE?

GIVE IT TO ME



NOW!





But...



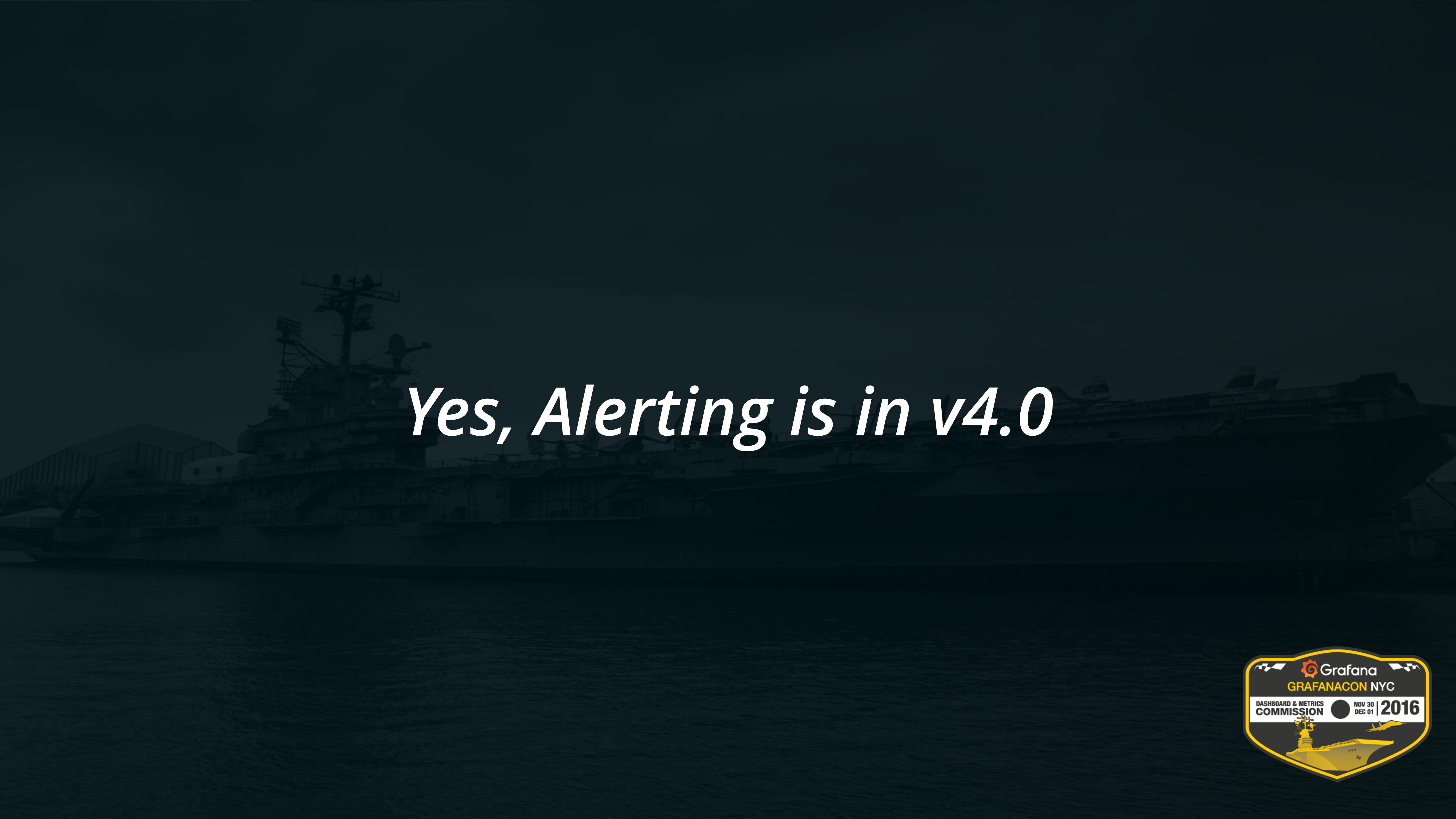
And ...





LET'S

DO THIS!



Yes, Alerting is in v4.0



Demo





Grafana BOT 3:40 PM ☆



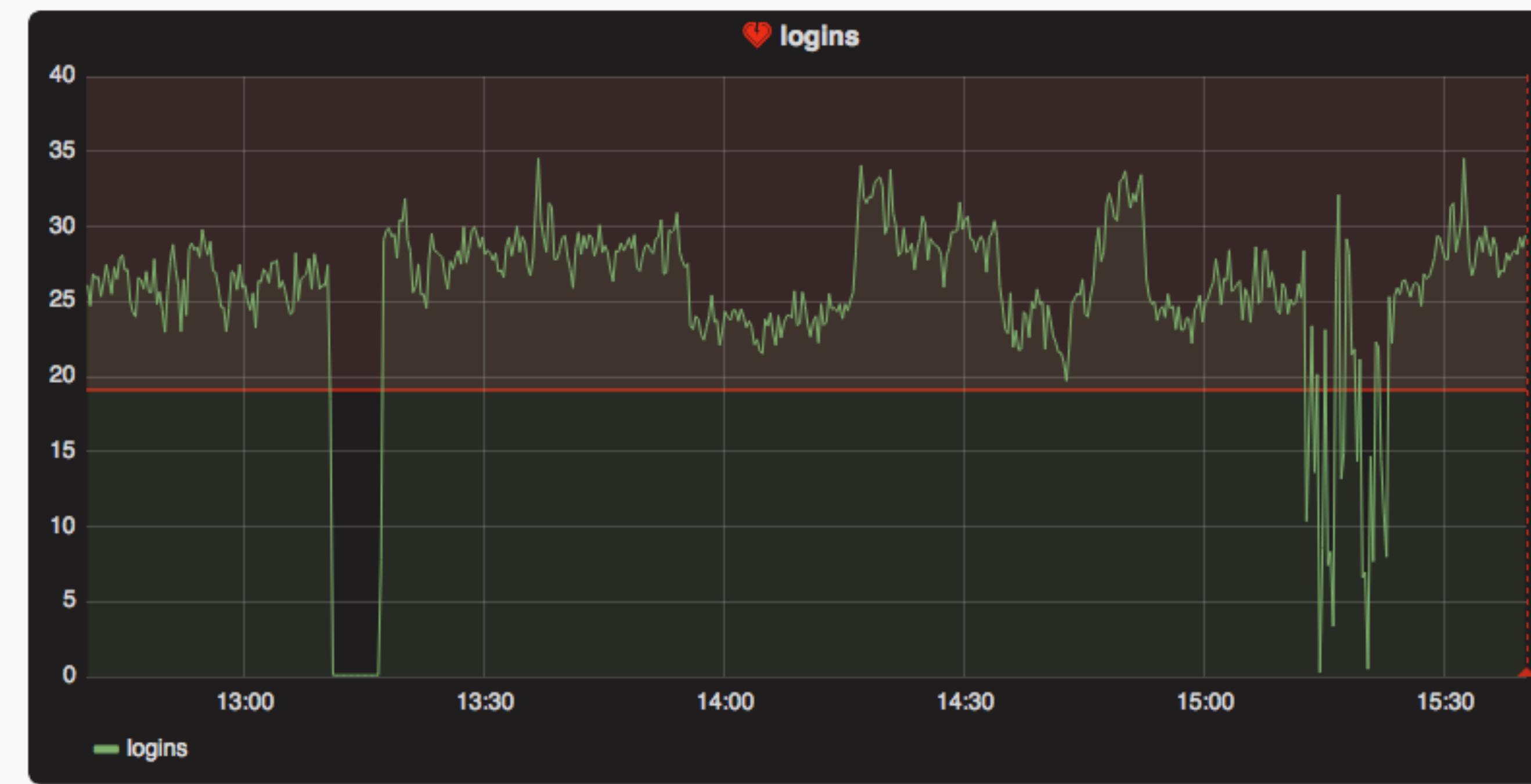
[Alerting] logins alert

Logins per second is not looking good guys. Link to runbook...

logins

28.243333333333

Grafana v3.1.0 | Today at 3:40 PM (48KB) ▾



UX Improvements

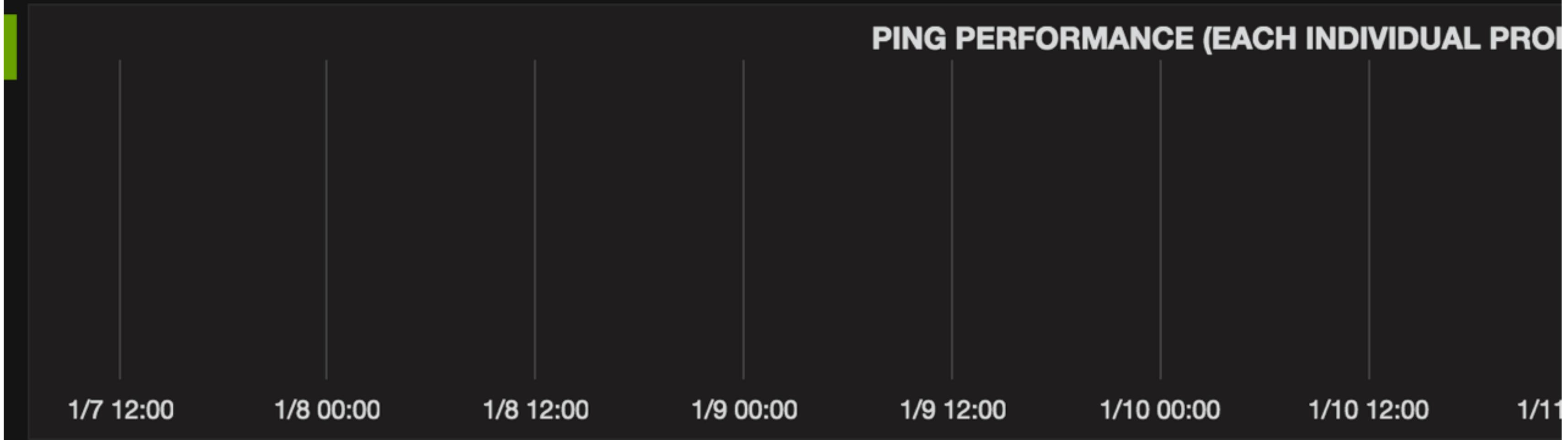
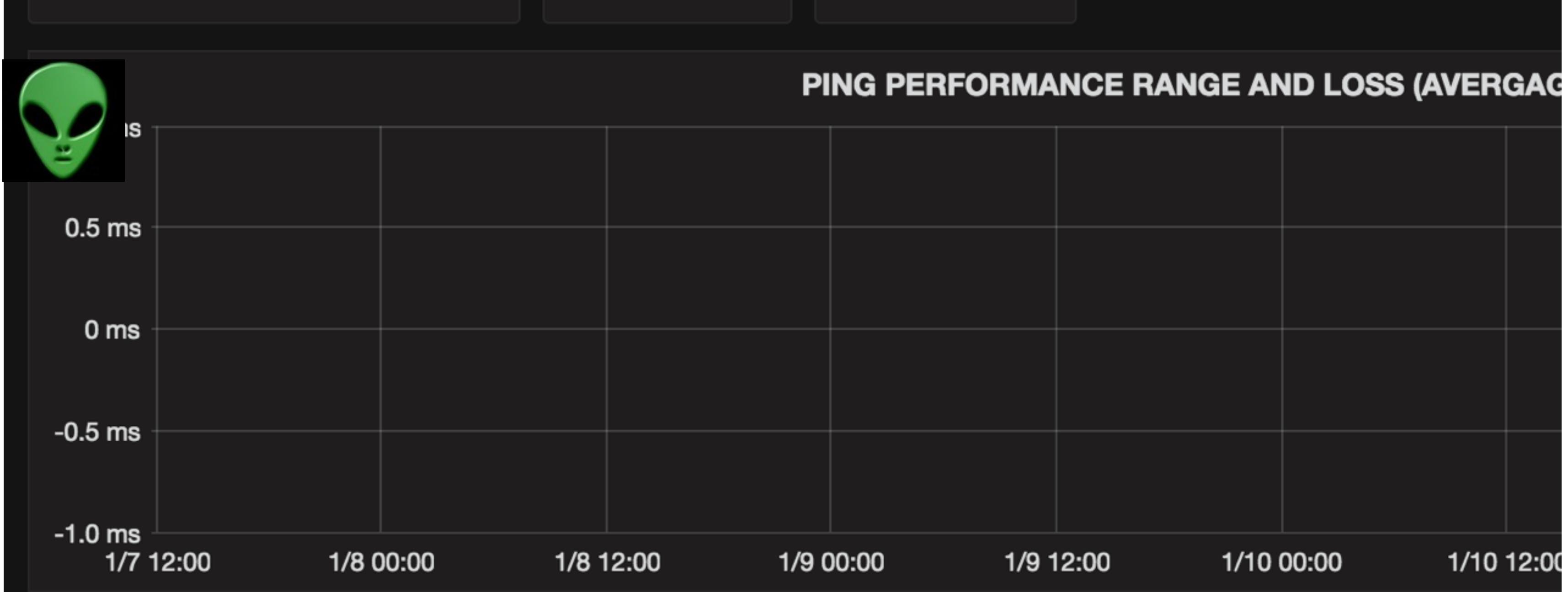




PROJECT:

KILL GREEN ALIEN

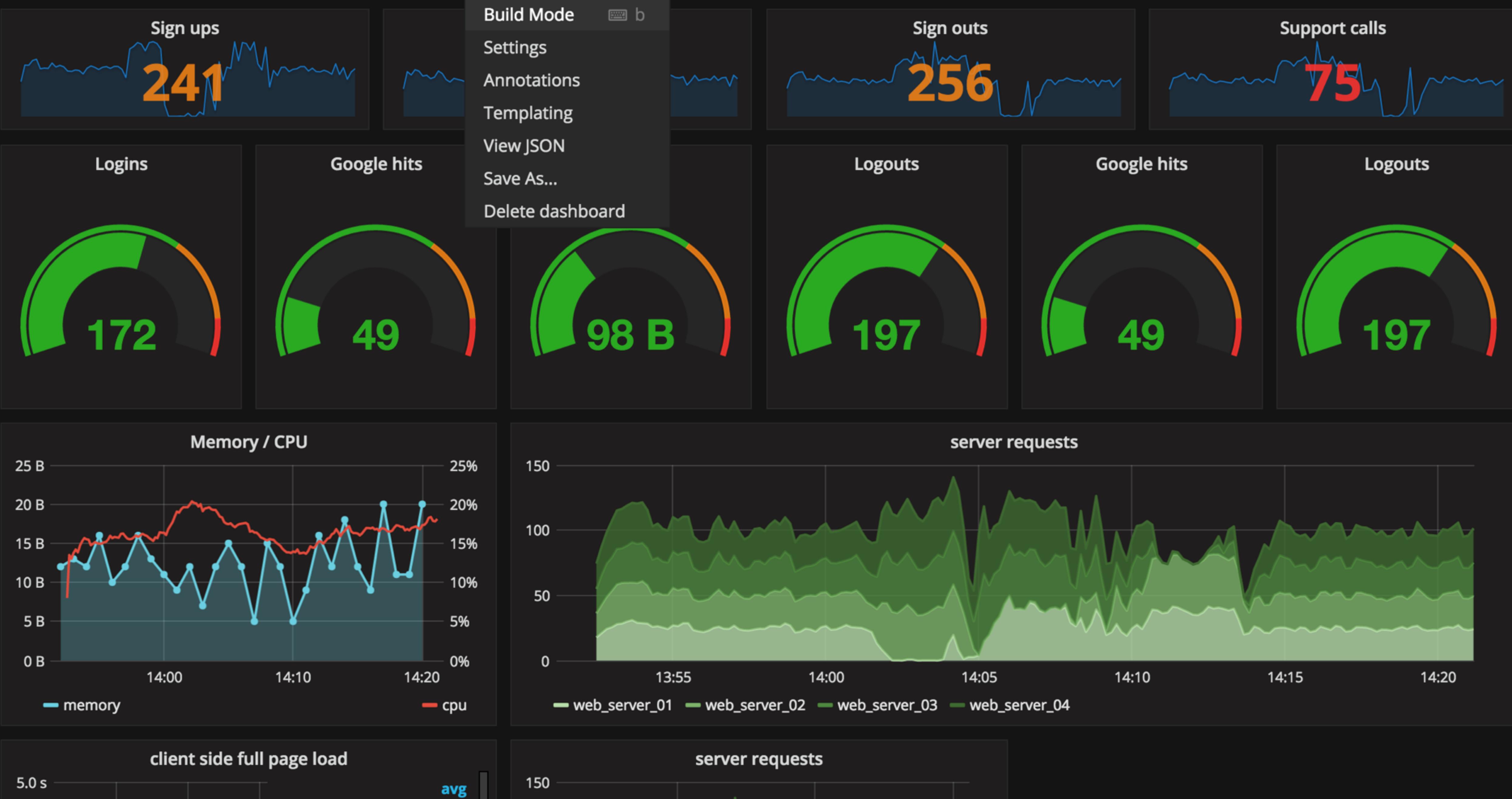






Build mode







Exit Build Mode

New row

Add Panel +

Row Options



Sign ups

241

Logins

172

Sign outs

256

Support calls

75

New row

Add Panel +

Row Options



Logins

172

Google hits

49

Memory

98 B

Logouts

197

Google hits

49

Logouts

197

test

Add Panel +

Row Options

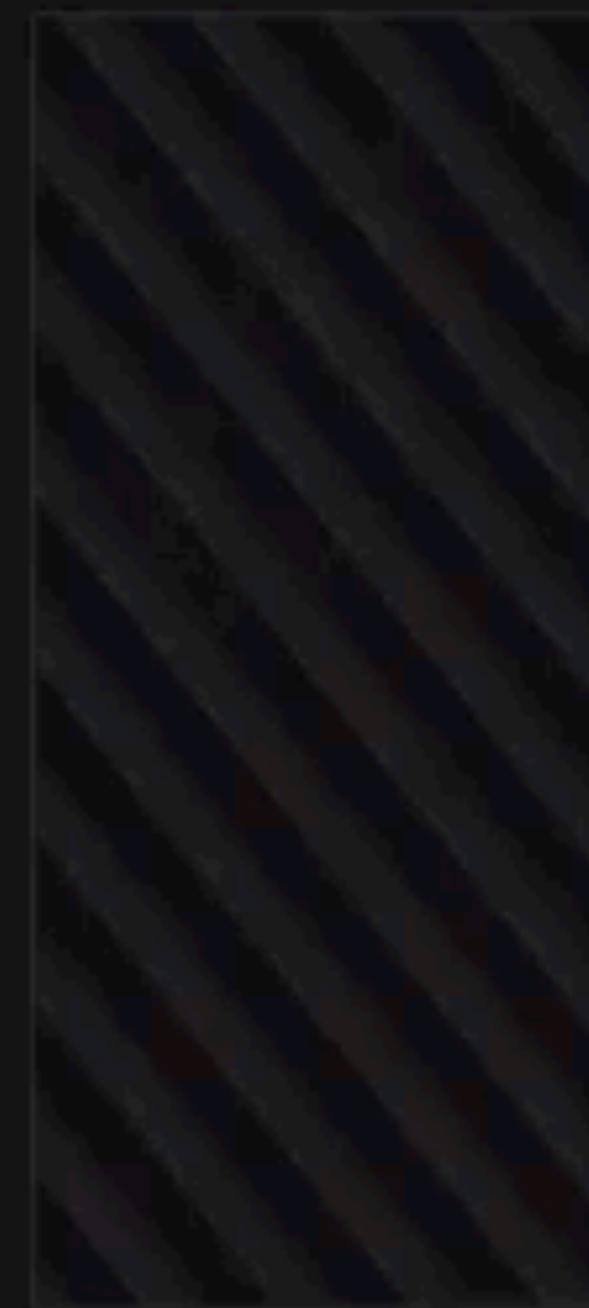
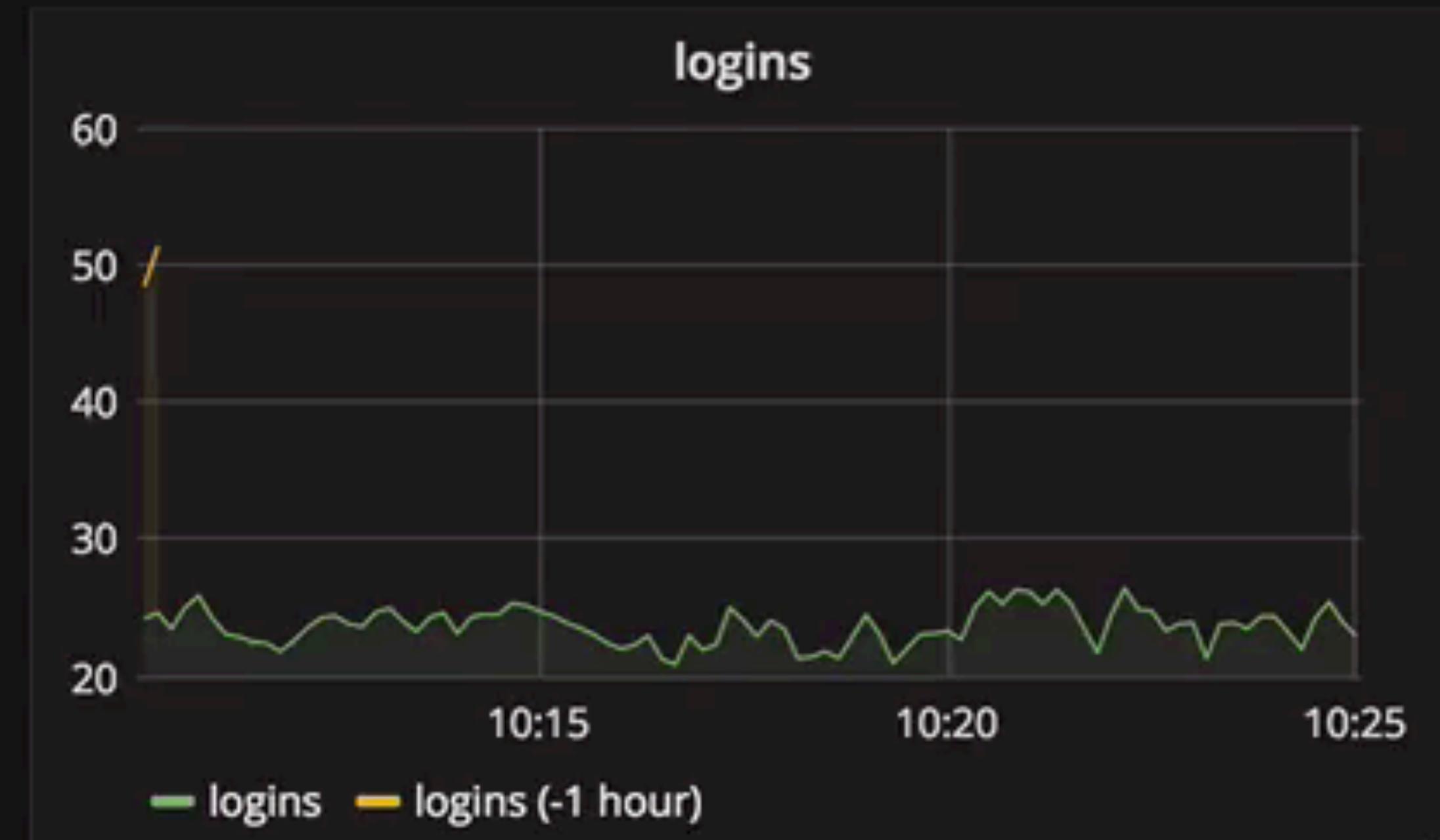
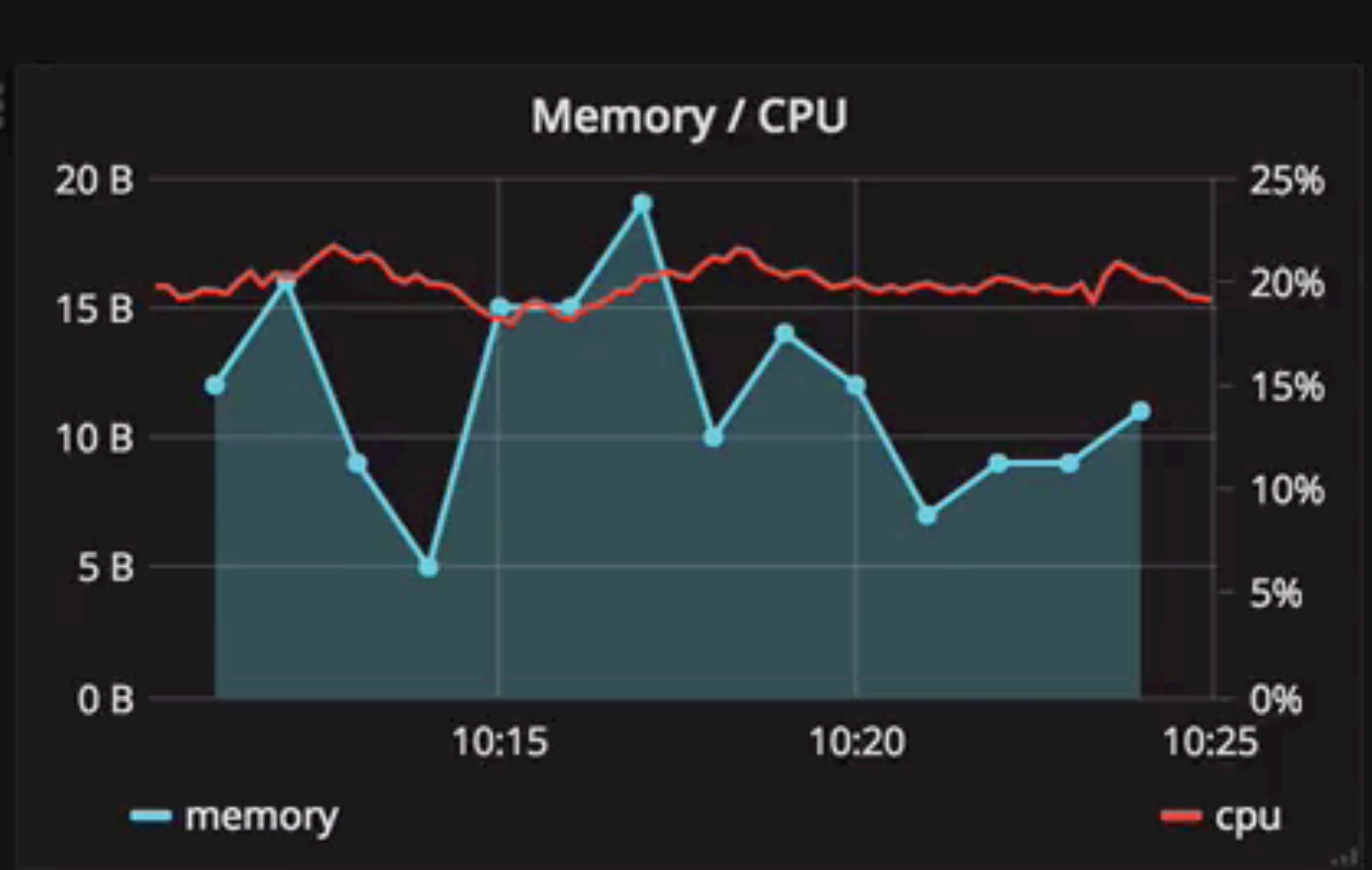


Memory / CPU



server requests





Ad Hoc Filters



TV & Kiosk Mode



Keyboard shortcuts





Ad-Hoc-Filters



Zoom Out



Last 24 hours



Interval

auto ▾

Group By

agent ▾

Filters

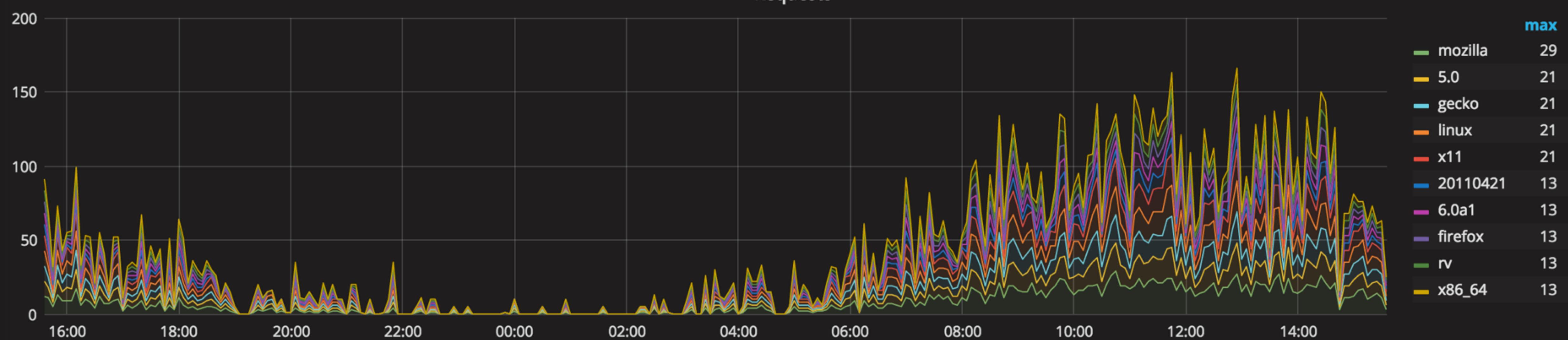
extension



gif



Requests



@timestamp ▾

request

response

bytes

2016-11-27 15:35:27	/canhaz/dmitri-kondratyev.gif	404	531.00
2016-11-27 15:35:15	/canhaz/ronald-sega.gif	200	919.00
2016-11-27 15:35:13	/canhaz/wang-yaping.gif	200	445.00
2016-11-27 15:34:27	/canhaz/gregory-h-johnson.gif	200	805.00
2016-11-27 15:33:52	/canhaz/scott-carpenter.gif	200	151.00

1 2 3 4 5

+ ADD ROW

Grafana v4.0

- Released Yesterday
- Includes Alerting
- Checkout what's new at grafana.org
- Questions?
- More demos? Grab me during a break.

