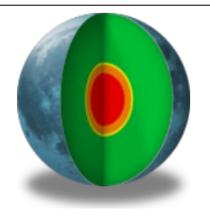




Experiences from various customers (small to large to fortune 500) who have moved from Solarwinds, BMC Patrol, Nagios to Check MK





GG Nagarkar & Ravi Bhure
Opex Software
www.opexsoftware.com

Who are we?





18+ years exp,

Monitoring, Infrastructure and Big Data domain

IT mgmt Product Development background

CTO & Founder, Opex Software



11+ years exp,

Product and infrastructure automation

Provides scalable and innovative solutions for DevOps



What we do @ OpexSoftware

Single metric : Speed with correctness

Mission: Automate Everything. Create Time



Experiences

Reasons of change to Check_MK



Simplification

Devops

Scaling

CMDB driven monitoring

Cost savings

OOB Integration with Enterprise solutions like PagerDuty, JIRA, SNS, IRC, etc



SOME KEY PROBLEMS & SOLUTIONS



Problem without CMDB driven monitoring or visa versa

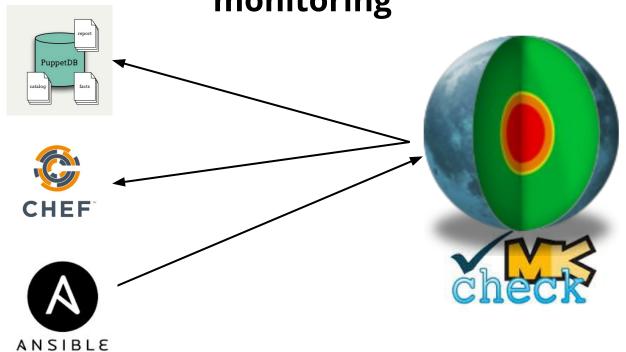
Manual, slow mechanism of adding and removing a node in Monitoring with right checks

Human dependent and time consuming in a dynamic environment

Monitoring driven operations management



Automated Inventory Management for/from monitoring



GraphSky

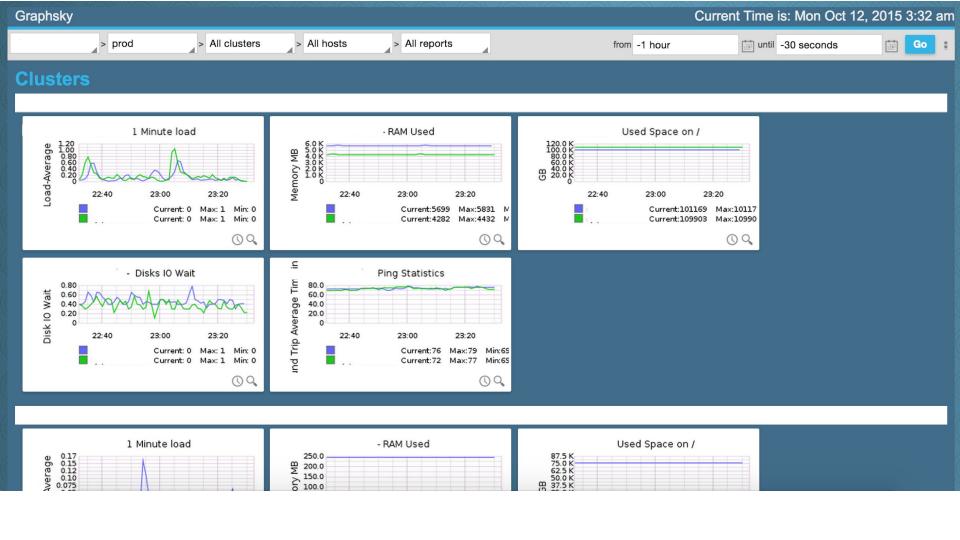


Graphsky is a dashboard for Graphite

NO graphite/carbon agent

Read Check_MK rrd files for perf data

let's see how





work — bash — 122×40

Clone the GraphSky repo

```
GGs-MacBook-Pro:work ggn$ git clone https://github.com/opexsw/graphsky.git Cloning into 'graphsky'...
remote: Counting objects: 664, done.
remote: Total 664 (delta 0), reused 0 (delta 0), pack-reused 664
Receiving objects: 100% (664/664), 3.07 MiB | 512.00 KiB/s, done.
Resolving deltas: 100% (374/374), done.
Checking connectivity... done.
GGs-MacBook-Pro:work ggn$
```



Graphite local settings

```
## Data directories
# NOTE: If any directory is unreadable in DATA_DIRS it will break metric browsing
#WHISPER DIR = '/var/lib/graphite/whisper'
RRD_DIR = '/omd/sites/opex/opex_data'
#DATA_DIRS = [WHISPER_DIR, RRD_DIR] # Default: set from the above variables
LOG_DIR = '/var/log/graphite'
INDEX_FILE = '/var/lib/graphite/search_index' # Search index file
```

Point to the right RRD local storage

```
# If using RRD files and rrdcached, set to the address or socket of the daemon
FLUSHRRDCACHED = 'unix:/omd/sites/opex/tmp/run/rrdcached.sock'
```

Set the RRD socket path Simply restart the Graphite service



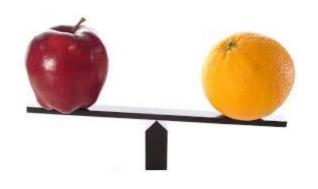
Does it work now? Not Yet



Comparision between Check_MK and Other Monitoring tools

Comparison: Few imp features





Virtualization focus

APM via logs (ELK)

Root causal

- Change Information
- Transactional info

IP Address Management



DevOps journey started...



TestNow to get high speed

In pre-prod testing, need the detail transaction (web-app-db-system) level monitoring ALONG with log analytics

Contact Info



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Opex Software: we measure single metric "Speed *with correctness"*

Mission: Automate Everything. Create Time

Opex CEO at HashiConf 2015, Portland, OR

