The network is a (great) signal

Gianluca Arbezzano, SRE at InfluxData
Gianluca Arbezzano
Site Reliability Engineer @InfluxData

- [https://gianarb.it](https://gianarb.it)
- [@gianarb](https://twitter.com/gianarb)

What I like:
- I make dirty hacks that look awesome
- I grow my vegetables 🍅🌞🍆
- Travel for fun and work
Ntopng workflow

same network namespace

ntop uses as identifier IPs, in our case the containers IP. But I would like to correlate by hostname and environment as well

telegraf as proxy add those tags for every points.

```
[global_tags]
  env = "$ENV"
  hostname = "$HOSTNAME"
```
Zoom
Customers never called me because they experienced too many packet loss.
We need tools that helps us observe a system
Metrics  Traces  Logs
Metric
Logs
Traces
We need “centralization”
Data centralization is not what we need
We need to build and enrich a context
Aggregation
Flux Language Elements
// get all data from the telegraf db
from(bucket: "telegraf/autogen")
    // filter that by the last hour
    |> range(start: -1h)
    // filter further by series with a specific measurement and field
    |> filter(fn: (r) => r._measurement == "cpu" and r._field == "usage_system")
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|> filter(fn: (r) => (r._measurement == "cpu" or r._measurement == "cpu")
and r.host == "serverA")
Network is a solid concept

Network is made by the same principles. There are IPs and flows. But the perception about how it works is way different if look at:

- Bare metal in your own datacenter
- Cloud Computing
- Containers and Kubernetes

Tools needs to give us the ability to understand the network of where we are and vice versa.
Community is the unique solution.
Share your experience
Learn from somebody else
Any question?

Reach out:
@gianarb
gianluca@influxdb.com
https://gianarb.it