NS1 + GRAFANA.

GRAFANACON 2018

DNS THAT MOVES ™

NS1.

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The NS1 Platform

Managed DNS.

Cloud-based, intelligent DNS for application developers that crave speed, precision, and control over internet traffic

Dedicated DNS.

NS1's industry leading platform in dedicated, fully managed deployments available on-prem or in the cloud

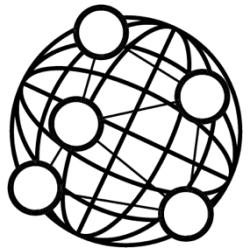
Pulsar.

Real user monitoring based traffic management. Use your own or use community data to optimize user experience

NS1.

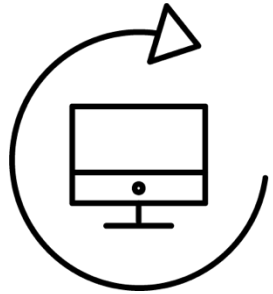
Capabilities

Multi-CDN Optimization

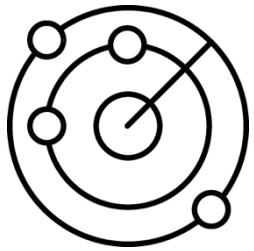


Data Center Migration

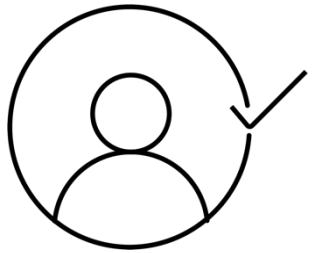
Digital Transformation



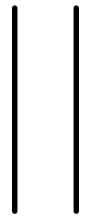
Global Load Balancing



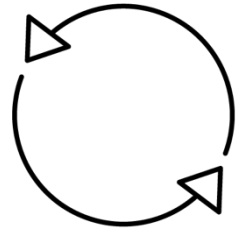
Customer Experience



Secondary DNS



Disaster Recovery



Why Visibility Into DNS Is Crucial in 2018

- Understanding where your users are
  - Helps with planning infrastructure / cloud spend
- Targeting anomalies in traffic volume
  - Minimize impact of DDoS and other volumetric attacks
- Fine tuning of advanced traffic management features
  - Optimize traffic shedding based on origin IP

USE ALL THE DATA YOU CAN:
NS1 IS HERE TO MAKE SENSE OF IT ALL.

NS1.

It Begins With APIs + Integrations

- **API:** A comprehensive RESTful API serves as the underpinnings of the entire NS1 offering.
- **Integration:** Native Grafana app is designed to pipe data out from NS1's DNS solutions to provide rich context around the state of your infrastructure.

NS1 Zones
Zoom Out
Last 3 hours
zone: All
Total QPS
current
raintank_io 8.4
grafana_net 3.7
raintank_com 0.3
grafanacon_org 0.2
grafana_com 0.0
worldping_com 0
undercloud_io 0
raintank_org 0
openmonitoring_io 0
grafana_com QPS
grafana_net QPS
grafanacon_org QPS
openmonitoring_io QPS
2016-05-23 13:18:00
raintank.apps.ns1.zones.grafana_com.qps: 0.013
raintank_com QPS
raintank_io QPS
raintank_org QPS
undercloud_io QPS
worldping_com QPS

NS1.

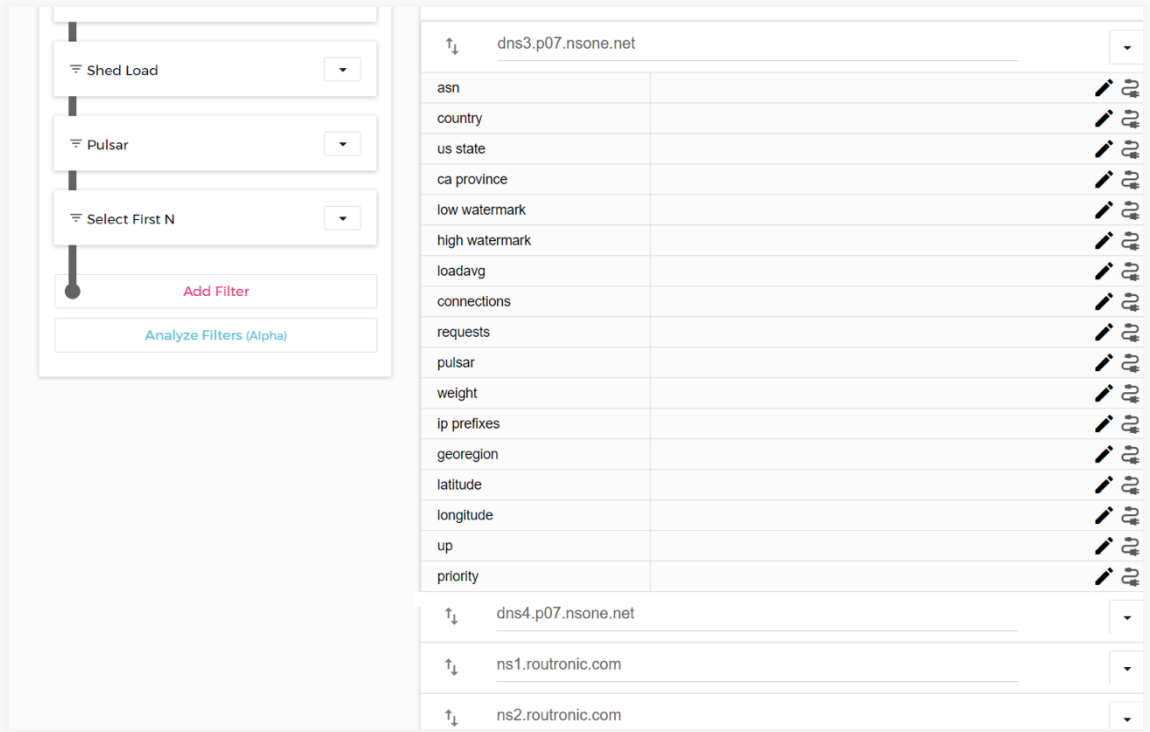
NS1 + Grafana

- **Supported metrics**
  - Queries per second, broken down by zone
  - DNS monitoring
  - HTTP monitoring
  - Ping (ICMP) monitoring
  - TCP monitoring
  - NS1 monitoring from multiple regions with rapid recheck to prevent false positives

DNS That Moves With Your Existing Data

Meta-Data Drives Intelligence:

- Geo and Network (ASN)
- Up/Down Status
- Latency
- Bandwidth
- Capacity
- Load (current connections)
- Cost



> I've never seen another DNS service quite like NS1. I feel that their data-driven approach, combined with their incredible flexibility, makes them the next generation DNS host.
>
> - Alan Schaaf, CEO,
> Imgur (Alexa Top 50 Global Traffic)

THANK YOU.

DNS THAT MOVES ™