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1. Theory behind moniroting

**Pull vs push based moniroting solutions comparison**

**Pull**

* Monitoring solution does the work - The burden of gathering metrics is on the monitoring system itself
* Scrapes endpoints every x amount of seconds to add data
* Less „live“
* Can run from (almost) everywhere
* Access merics from web directory from endpoints
* Limited if using complicated netwroking and extensive firewalls
* Prometheus is a pull-based monitoring system

**Push**

* Clients do the work
* Event-based monitoring friendly
* More „live“
* Modular
* Less concert about firewalls

1. Tools

* Prometheus
* Grafana
* InfluxDB
* OpsGenie
* New Relic
* Container monitoring
* Load testing ?!
* Nagios
* Service discovery (cunsul, zookeeper, nerve .. )

1. Prometheus – Grafana – Alermanager – InfluxDB

