

Alerting and monitoring system

Work in progress

Existing systems

Within NYC Mesh only

- UISP: <https://10.70.76.21/nms/login>
 - Grafana: <http://10.70.90.82:3000>
 - General link (Backbone)
 - Omni stats
 - LHG60
 - Prometheus General: <http://10.70.90.82:9090>
 - Prometheus Omni only: <http://10.70.90.142:9090>
 - Omni port5 at 100Mbps
 - Omni memory used 75% or above
 - snmp-exporter: <http://10.70.90.82:9116> (general)
 - snmp-exporter: <http://10.70.90.142:9090> (omni only)
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- UNIFI: <https://10.70.90.158:8443/> (old: <https://10.70.95.63:8443>)
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- support report generator

Zabbix

- IP: <http://10.70.73.58/>
- Details: Runs on Quincy's server, connected to Beta Slack

Requirements

- **Must:**
 - alert Slack team when key infrasture goes offline within 5 minutes
- **Should:**
 - be easy to update for new equipment
 - be easy to configure to notify new volunteers
 - be easy to deploy
 - be reliable
 - be configurable though a version controlled config to enable easy updates
 - be editable by multiple volunteers

Questions

- **Major**
 - What key metrics should we alert based on?
- **Minor**
 - frequency? ~1 point/hour

Proposed software

- [Zabbix](#)
- [Nagios](#)
- [Grafana](#)
- [add your suggestion here]

Next Steps

Log

- prompted by this [Slack discussion](#) on Grand St. outage
- added Zabbix server during Hack night,

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