

# Grafana Monitoring

## Services

### Grafana

- URL: <http://10.70.90.82:3000/>
- Contents: Dashboards

### Prometheus

- URL: <http://10.70.90.82:9090>
- Contents: Main hub data
- Datasource name: Prometheus

## Updating SNMP Data Scraper

- Enable SNMP on the device
  - login to RouterOS with the device IP
  - in webfig go to IP>SNMP and enable
  - save
  - in quick set note the router ID
- Update Prometheus config
  - `ssh root@10.70.90.82`
  - `nano /opt/prometheus-2.39.1.linux-amd64/prometheus.yml`
  - add IP for device at the end and use router ID from above in the comments
  - save the file
  - `systemctl restart prometheus.service`
  - if anything is unclear feel free to look at the command history with the `history` command
- Update Grafana
  - Go to a Grafana page where you want to add the new panel, ex.  
<http://10.70.90.82:3000/d/EfHFIMWSz/nostrand-5283?orgId=1>
  - login with standard password
  - duplicate panel
    - right click panel header > more > duplicate
  - rename using router id above
  - replace the IP

- not all devices have the same metrics, so you may have to select a different one
- **Make sure to save the dashboard!**
- If everything worked you should see data

## Prometheus-1

- URL: <http://10.70.76.98:9090>
- Contents: Omni data
- Datasource name: Prometheus-1

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Revision #4

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