

# Monitoring

- [Smokeping](#)

# Smokeping

\*\*\* Database \*\*\*

# MSHARP 20250106

# - 20 pings every two minutes, one ping every 10 seconds

# - raw data (2 minutes) for 31 days (1 month)

# - seconds in a month:  $31 * 24 * 60 * 60 = 2678400$

# - steps per month:  $2678400 / 120 = 22320$

# - 30 minute data for 182 days (~6 months)

# - number of steps in 30 minutes:  $30 * 60 / 120 = 15$

# - 1 hour data for 730 days (~2 years)

step = 120

pings = 12

# consfn mrhb steps total

# 31 days of raw data:  $31 * 24 * 60 * 60 / 120$

AVERAGE 0.5 1 22320

# 182 days of 30 minute data:  $182 * 24 * 60 * 60 = 15724800$  seconds / 120 = 131040 seconds / 15 = 8736

# 15 steps in a 30 minute window

AVERAGE 0.5 15 8736

MIN 0.5 15 8736

MAX 0.5 15 8736

# 730 days of 1 hour data:  $730 * 24 * 60 * 60 = 63072000$  seconds / 120 = 525600 seconds / 30 = 17520

# 30 steps in a 1 hour window

AVERAGE 0.5 30 17520

MAX 0.5 30 17520

MIN 0.5 30 17520

\*\*\* Probes \*\*\*

+ FPing

binary = /usr/bin/fping

hostinterval = 10

# These are set in the Database second:

# step = 120

# pings = 12

-end