

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