

# 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
```