

# 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

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