NAME

zpool_influxdb - collect ZFS pool statistics in InfluxDB line protocol format

SYNOPSIS

zpool_influxdb [**-e**|**--execd**] [**-n**|**--no-histogram**] [**-s**|**--sum-histogram-buckets**]
[**-t**|**--tags** *key=value*[,*key=value*]<?>] [*pool*]

DESCRIPTION

zpool_influxdb produces InfluxDB-line-protocol-compatible metrics from zpools. Like the **zpool**
command, **zpool_influxdb** reads the current pool status and statistics. Unlike the **zpool** command which
is intended for humans, **zpool_influxdb** formats the output in the InfluxDB line protocol. The expected
use is as a plugin to a metrics collector or aggregator, such as Telegraf.

By default, **zpool_influxdb** prints pool metrics and status in the InfluxDB line protocol format. All
pools are printed, similar to the **zpool status** command. Providing a pool name restricts the output to the
named pool.

OPTIONS

-e, **--execd** Run in daemon mode compatible with Telegraf's **execd** plugin. In this mode, the pools are
sampled every time a newline appears on the standard input.

-n, **--no-histogram**
Do not print latency and I/O size histograms. This can reduce the total amount of data, but
one should consider the value brought by the insights that latency and I/O size distributions
provide. The resulting values are suitable for graphing with Grafana's heatmap plugin.

-s, **--sum-histogram-buckets**
Accumulates bucket values. By default, the values are not accumulated and the raw data
appears as shown by **zpool iostat**. This works well for Grafana's heatmap plugin. Summing
the buckets produces output similar to Prometheus histograms.

-t, **--tags** *key=value*[,*key=value*]<?>
Adds specified tags to the tag set. No sanity checking is performed. See the InfluxDB Line
Protocol format documentation for details on escaping special characters used in tags.

-h, **--help**   Print a usage summary.

SEE ALSO

zpool-iostat(8), zpool-status(8), *InfluxDB*: **https://github.com/influxdata/influxdb**, *Telegraf*:
https://github.com/influxdata/telegraf, *Grafana*: **https://grafana.com**, *Prometheus*: **https://prometheus.io**