

**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>