

# osdpcap - libosdp-conformance OSDP capture format

## Purpose

to capture an OSDP byte stream for analysis.

## Format

"JSONL" - JSON formed as a one line text JSON object, in a stream.

## Fields

**data**

bytes, in hex, with interspersed spaces. These are the bytes right off the wire. Usually but not always a whole OSDP message. Might include the marking bytes (ff) in front of the SOM.

**io**

form of trace source, where monitor mode is "trace"

**osdp-source**

the tool that created this record.

**osdp-trace-version**

what version of the format this record was written to follow. This document describes version "0" (zero.)

**time-sec, time-nsec**

In Linux, the 'struct timespec' time returned by clock\_gettime.

## Example

```
{ "time-sec" : "1580342115", "time-nsec" : "984691851", "io" : "trace", "data" : "ff ff 53 80 08 00 01 4b 01 d8", "osdp-trace-version":"0", "osdp-source":"libosdp-conformance 0.52-2" }
```