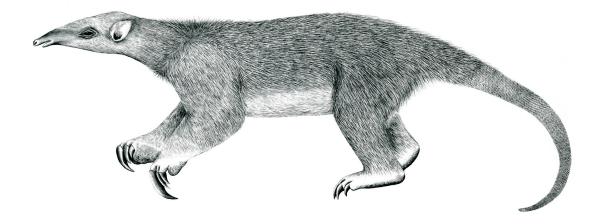
Tranalyzer2

liveXtr



Live PCAP extractor



Tranalyzer Development Team

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1 liveXtr

1.1 Description

This plugin extracts all flows which have the LIVEXTR bit set in their flow_t.status. This bit can be set by any other plugin wanting to extract traffic. The traffic is stored in a round-robin buffer, this allows to extract packets processed before the LIVEXTR bit was set. This plugin can be used when Tranalyzer processes PCAP files and also when it listens on an interface.

1.2 Dependencies

The liveXtr plugin depends on the libpcap.

1.3 Configuration Flags

The following flags can be used to control the behavior of the plugin:

Name	Default	Description	Flags
LIVEXTR_BUFSIZE	2 ³¹ (2 GB)	Size of the round-robin buffer [byte]	_
LIVEXTR_MEMORY	1	0: store round-robin buffer in a file,	
		1: store it in memory	
LIVEXTR_SPLIT	1	Split the output PCAP with t2 -W option	
LIVEXTR_FILE	"/tmp/livextr.data"	Round-robin buffer file location	LIVEXTR_MEMORY=0

1.4 Plugin Report Output

The following information is reported:

• Number of extracted packets

1.5 Additional Output

Non-standard output:

• PREFIX_livextr.pcap: PCAP containing the extracted packets.