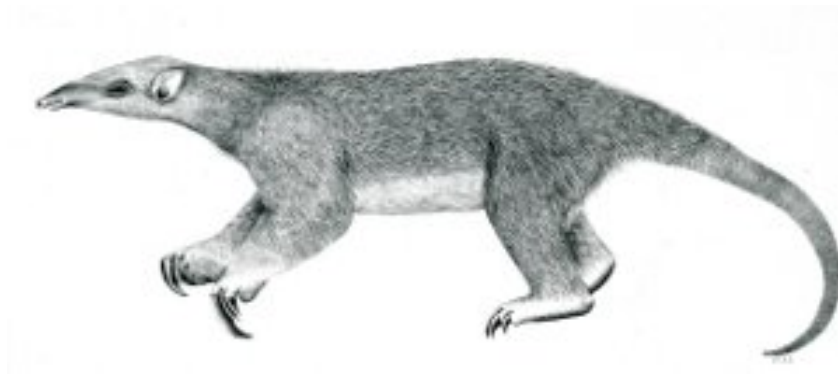

Tranalyzer2

igmpDecode



Internet Group Management Protocol (IGMP)



Tranalyzer Development Team

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1 igmpDecode

This plugin analyzes IGMP traffic and provides absolute and relative statistics to the `PREFIX_igmpStats.txt` file.

1.1 Required Files

None

1.2 Flow File Output

The `igmpDecode` plugin outputs the following columns:

Column	Type	Description
<code>igmpStat</code>	H8	Status
<code>igmpVersion</code>	RI8	Version
<code>igmpAType</code>	H32	Aggregated type
<code>igmpMCastAddr</code>	IP4	Multicast address
<code>igmpNRec</code>	U16	# of records

1.2.1 igmpStat

The `igmpStat` column is to be interpreted as follows:

igmpStat	Description
2^0 (=0x01)	IGMP message had invalid length
2^1 (=0x02)	IGMP message had invalid checksum
2^2 (=0x04)	IGMP message had invalid TTL ($\neq 1$)
2^3 (=0x08)	IGMP message was invalid for other reasons

1.3 Additional Output

The plugin exports global statistics about IGMP traffic in the `PREFIX_igmpStats.txt` file.