

Reg : Fields supported by nfdump for IPFIX

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To: Sriram Ramanujam <sriram.ramanujam@tatacommunications.com>

Hi Sriram,

I checked from the documentation of nfdump and it is stated that the nfdump supports the following V9 fields
The same set of fields support applies for IPFIX also

NF9_IN_BYTES	1
IN_PACKETS	2
NF9_FLOWS_AGGR	3
NF9_IN_PROTOCOL	4
NF9_SRC_TOS	5
NF9_TCP_FLAGS	6
NF9_L4_SRC_PORT	7
NF9_IPV4_SRC_ADDR	8
NF9_SRC_MASK	9
NF9_INPUT_SNMP	10
NF9_L4_DST_PORT	11
NF9_IPV4_DST_ADDR	12
NF9_DST_MASK	13
NF9_OUTPUT_SNMP	14
NF9_V4_NEXT_HOP	15
NF9_SRC_AS	16
NF9_DST_AS	17
NF9_BGP_V4_NEXT_HOP	18
NF9_LAST_SWITCHED	21
NF9_FIRST_SWITCHED	22
NF9_OUT_BYTES	23
NF9_OUT_PKTS	24
NF9_IPV6_SRC_ADDR	27

NF9_IPV6_DST_ADDR	28
NF9_IPV6_SRC_MASK	29
NF9_IPV6_DST_MASK	30
NF9_IPV6_FLOW_LABEL	31
NF9_ICMP_TYPE	32
NF9_SAMPLING_INTERVAL	34
NF9_SAMPLING_ALGORITHM	35
NF9_ENGINE_TYPE	38
NF9_ENGINE_ID	39
NF9_FLOW_SAMPLER_ID	48
FLOW_SAMPLER_MODE	49
NF9_FLOW_SAMPLER_RANDOM_INTERVAL	50
NF9_MIN_TTL	52
NF9_MAX_TTL	53
NF9_IPV4_IDENT	54
NF9_DST_TOS	55
NF9_IN_SRC_MAC	56
NF9_OUT_DST_MAC	57
NF9_SRC_VLAN	58
NF9_DST_VLAN	59
NF9_DIRECTION	61
NF9_V6_NEXT_HOP	62
NF9_BPG_V6_NEXT_HOP	63
// NF9_V6_OPTION_HEADERS	64
NF9_MPLS_LABEL_1	70
NF9_MPLS_LABEL_2	71
NF9_MPLS_LABEL_3	72
NF9_MPLS_LABEL_4	73

NF9_MPLS_LABEL_5	74
NF9_MPLS_LABEL_6	75
NF9_MPLS_LABEL_7	76
NF9_MPLS_LABEL_8	77
NF9_MPLS_LABEL_9	78
NF9_MPLS_LABEL_10	79
NF9_IN_DST_MAC	80
NF9_OUT_SRC_MAC	81
NF9_FORWARDING_STATUS	89
NF9_BGP_ADJ_NEXT_AS	128
NF9_BGP_ADJ_PREV_AS	129

Fields beyond this are being exported to the collector but it could not be read by the nfdump

Thanks and Regards,
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