IPFIX IE’s for NAT logging

draft-sivakumar-behave-nat-logging-05

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Overview

• This draft defines
  – formats for NAT/NAT64 event logging with IPFIX as the protocol
  – Requires a template record for each
  – Defines the IPFIX IE’s that is either assigned or requested
  – Information to be logged is generic and applies to all encoding types
Log Events

• NAT44 Session/BIB create/delete
• NAT64 Session/BIB create/delete
• Address exhaustion/Port exhaustion
• Address binding
• Quota/Limit exceeded
• Port block allocation/deallocation
Changes from draft -04

• Changes include
  – Added port deallocation event
  – Added address binding event
  – Other minor comments
  – Updated the IANA section requesting the events
Open questions

• Any other events missing
• Any other fields should be reported in these events?
Next steps

• Adopt as WG item?