# 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?