

# IETF82 - TAIPEI

## RFC4787, 5382, 5508 bis

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# Purpose

- Clarify, update and fine-tune a very successful set of RFCs based on operational and implementation experience
- It applies to all kinds of NAT44s
  - Some issues identified also affect NAT64 but that is out of scope
- Collect requirements sprinkled over other documents and reference them here.

# Summary I

- EIF
  - Security
  - Mapping refresh
    - Error Packets
  - Protocol Independence
- EIM Protocol Independence
- Address Pooling Paired (APP)
  - Out of ports
  - Bouncing

# Summary II

- Port
  - Parity
  - Randomization
- TCP
  - Transitory Connection-timeout
    - Opening
    - Closing
  - RST

# Summary III

- IP-ID field
- ICMP query timeouts

# Next-steps

- WG adoption and official milestone