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