Analysis of 64 Translation
I-D.penno-behave-64-analysis-05

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BEHAVE WG
Terminology

• 64 denotes the solution described in
  – Stateful NAT64 [I-D.ietf-behave-v6v4-xlate-stateful]
  – DNS64 [I-D.ietf-behave-dns64]
  – Framework for IPv4/IPv6 Translation [I-D.ietf-behave-v6v4-framework]
Overview

• **Goal**: Check to what extent the issues listed in RFC4966 are mitigated in 64 proposal

• **Methodology**: Classify the issues described in RFC4966 into three categories and analyze 64 against them

  1. Problems not addressed by 64
     • Some issues are not specific to NAT-PT and are valid to any NAT-based solution
  2. Problems addressed by 64
     • Mainly those related to DNS
  3. Problems mitigated by the support of BEHAVE NAT RFCs
Open Question #1

• The current version covers Stateful NAT64 only

• Shall we extend the document to Stateless NAT64?
Open Question #2

• No recommendation is provided in the I-D as we want the document to be analysis document and avoid solution-related discussion

• Does the WG agree with this scope?
Next Steps

• Please review the document and provide comments about
  – Technical content
  – Structure of the document and the analysis form

• We will issue an updated version according to the received comments