NAT64 Deployment Considerations

draft-ietf-v6ops-nat64-experience-01

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Gang Chen	China Mobile
Zhen Cao	China Mobile
Chongfeng Xie	China Telecom
David Binet	France Telecom

Status

- Accepted as WG Document at IETF#84

- Posted as WG Document on August 2012 after the reviews from Joel Jaeggli, Wesley George and Satoru Matsushima

- -01 was updated with comments from Philip Matthews and going to WGLC

- Received comments from Randy Bush and Wesley George during WGLC. It's planned to address those comments at next version

- More reviews are expected and ongoing from Dan York, Victor Kuarsingh and Sheng Jiang

Summary & Open question

- Comments from Randy Bush suggested documenting principles of "smart edges and stupid core", which likely touch upon the usage of stateless NAT64

- More detailed reviews from Wesley George include:
  - Consolidate the description of NAT64 redundancy
  - Verify the statement of "most traffic is short-lived"
  - Evaluate the impact of cold/hot/warm-standby to user experiences
  - discussions of NAT64 MIB
  - More clarifications on MTU issues
  - Integrate the descriptions of NAT64-FE into the section of NAT64-CGN

- Open question to wg:
  - Should the I-D cover the analysis of stateless NAT64?

Next step

- Looking forward for a consistent signal from the working group…
  - Lack of the discussions on the list may impact the progress of this I-D
  - We were encouraged to spend efforts and expect WG guidance

- Expecting more reviews from the group
- Trying to address all comments in the next version and ask for a second WGLC
  - Any feedback?