Considerations of
Using Unique Local Addresses
(draft-ietf-v6ops-ula-usage-considerations-02)

Bing Liu, Sheng Jiang

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Reminder

- *draft-ietf-v6ops-ula-usage-recommendations-00* adopted in May 2013

- *draft-ietf-v6ops-ula-usage-considerations-00* reshaped in Feb 2016

- Before ietf98, WG chair asked peoples' opinion on:
  1) continue to work on the draft with an eye toward publication in 2017
  2) or allow the draft to expire

- And the conclusion was:
  - Continue as an Informational document
    (milstone: Nov 2017)
  - Attempt to find some set of considerations upon which the WG can agree

Summarized comments around ietf98

- Comments form **Victor Kuarsingh**
  - Suggested to condense the document to concentrate on the three deployment models:
    1) Isolated networks (potential valid ULA-only use case)
    2) Multi-addressed (ULA+GUA, potential valid)
    3) Internet connected (ULA+NPTv6, harmful choice)

- Comments from **Tim Chow**
  - Condense the document to find the minimum set of messages to include in the document to achieve that consensus to publish

Summarized comments around ietf98

- Comments form ***Joel Jaeggli***
  - "the presence of npt6 or indeed any form of ula-only deployment, save perhaps for ephemeral private networks is a bright line not to be crossed"

- Comments from ***Lorenzo Colitti***
  - "not willing to see this document published without strong language recommending against ULA+NPTv6"

- Comments form ***Brian Carpenter***
  - "ULAs just work in simple scenarios, but running with multiple prefixes should be standard practice for IPv6 so we need to tie down the loose ends"
  - "ULAs are basically harmless domestic animals. (ULA+) NPTv6 is a Frankenstein monster, of course" ☺

Content of the 02 version

Largely condensed the content

On "ULA-Only in Connected Networks" *(Section 4.3)*

- "This document does not consider ULA+NPTv6/Proxy as a good choice for normal cases. Rather, this document considers ULA+PA (Provider Aggregated) as a better approach to connect to the global network when ULAs are expected to be retained."

Next Step

- Request more reviews
  - Thanks **Brian Carpenter** for the throughout review
- Move forward to WGLC
  - Make a 03 version based on potential future comments
  - Request WGLC

Comments?

Thank you!

IETF99@Prague