
Current Status of rfc2462bis <draft-ietf-ipv6-rfc2462bis-03.txt>

JINMEI, Tatuya

Toshiba Corporation / The KAME Project
jinmei@{isl.rdc.toshiba.co.jp, kame.net}

Summary of document status

- There's no blocking issue
 - all the issues in the tracker were resolved
 - <https://rt.psg.com/>
 - (user/passwd=ietf/ietf, queue=ipv6-2462bis)
- WGLC completed on July 13
 - 4 responses during the last call
- New revision in response to LC comments
 - draft-ietf-ipv6-rfc2462bis-03.txt
 - the official text is broken, please refer to:

<http://www.jinmei.org/draft-ietf-ipv6-rfc2462bis-03.txt>

Major Changes Since 00 (1/2)

- IFID length issue
 - clarified document dependency on addr-arch and link specific docs
 - no behavior change, but the intent should now be clearer
- DAD issues
 - stricter requirement: MUST do DAD for unicast addr
 - with consideration for existing optimization
 - resolved conflict with MLD
 - random delay when creating an address by multicast RA
 - clarified what "disabling interface" means
 - ...meaning "disable IPv6 operation"

Major Changes Since 00 (2/2)

- M/O flags
 - clarified DHCPv6 for 'M' and stateless DHCPv6 for 'O'
 - these flags are now indication of service availability
 - rather than a trigger of these protocols
 - removed ManagedFlag and OtherConfigFlag (internal variables)
- Editorial stuff
 - latest boilerplate
 - I-D nits conformance

Possible Remaining Issues

- IAB recommendation on prefix length issue
 - IAB: explicit note for addresses "000..."
 - to an appeal from Robert Elz (2003)
 - 2462bis: just clarified document dependency
 - not hard-code the specific prefix (000)
 - but the recommendation should be inferred
 - asked IAB if it's okay
 - no response yet, but should not be a show-stopper to move forward
 - IESG will take care of it...
- Comment about a reference to MLD
 - it's helpful to refer to RFC3590
 - seems valid, will do in next rev.

Plans of Next Steps

- Content should be almost ready
- Revise once more
 - including the change suggested in the ML
 - just after the next cutoff (Aug 9th)
- Then submit it to the IESG