

DHCPv6bis update

DHC WG, IETF'91
draft-dhcwg-dhc-dhcpv6bis-03

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Status update / plan

- Publish -00 (verbatim RFC3315 copy)
- Apply trivial changes
- Publish -01/-02/-03
- Merge with RFC3633 (PD) [in progress]
- Apply more complex changes [in progress]
- Incorporate stateful-issues
- Apply changes that are difficult/require consensus
- Adopt
- Review, review, review
- WGLC

DHCPv6bis meeting summary

- 4 team members + 3 extra
 - Bernie, Marcin, Sheng, Tomek
 - Fred Templin, Christian Huitema, Tim Winters
- Lost some momentum, trying to get back to speed
 - Shorter check-points (max 1 month), check-point manager
 - Monthly calls
 - Editorship for consistency
 - Michael wrapping up NomCom
- Reviewed and assigned a couple of tickets
- First monthly meeting: Dec 10th

Client rate limiting (#119)

- Idea presented in Toronto, got favorable response
- Two ways to define the limit:

Client MUST NOT send more than X messages per second.

Client MUST NOT initiate transmissions more frequently than Y ms.

- We want to go with X messages in Y seconds
- Initial proposal: 60 messages in 60 seconds
- These are the default values, specific network technologies may to tweak it
- Do we need configuration options like SOL_MAX_RT?
Proposed answer: no
- Limit is enforced per link.
- Do we need anything about server side limiting?
Proposed answer: implementation feature, not spec thing

Deprecate IA_TA (#124)

- Bernie raised the question whether we should deprecate IA_TA
- Fred's comment: deprecate = existing implementations/ deployments may use it, new implementations should skip
- Unclear how widely it is used by clients
 - Some implementations implemented it for completeness
 - Tim Winters from IOL-UNH: never observed, tested lots of clients
- Pros:
 - Simpler updated text
 - TA follows a separate state machine/lifecycle
- Cons:
 - Privacy (mitigation: explain how to change addresses using IA_NA)

Links

- Issue tracker
<http://wiki.tools.ietf.org/group/dhcpv6bis/>
- Mailing list
<https://www.ietf.org/mailman/listinfo/dhcpv6bis>
- Working copies of I-D
<https://github.com/dhcwg/rfc3315bis>

Thank you