

Updating 6LoWPAN ND draft-thubert-6lo-rfc6775-update

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What is 6LoWPAN ND update?

The portion of WG Doc I-D Backbone router that updates 6LoWPAN ND

- 01 published Oct 26th 2016 (as personal sub.)
- Waiting for adoption to remove text from 6BBR

Solves draft-thubert-6lo-rfc6775-update-reqs

- But security issues (solved in AP-ND draft)

6BBR vs. RFC 6775 update

Extended ARO option moved in rfc6775_update

Add TID field to support registration mobility

Same as efficient ND

Proxy registration enabled by rfc6775_update

6LBR may register on behalf of 6LN in mesh environment

Registering the target as opposed to source address

What's new with 6LoWPAN ND update 01?

Details on link model reworded from 00

- Indicating that the model is conserved but clarified

New Section 6 on Backward Compatibility

DAD on LL Addr. Limited value (e.g. if movement)

- DAR/DAC for Link Local Address obsoleted
- Use Link Local Address as source to register GUA
- Removes need for side ND cache for NA KO resp

What's next for 6LoWPAN ND update?

Adoption?