

# 6LoWPAN ND Address Protection

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# What are the 6LoWPAN ND extensions?

Provide for draft-thubert-6lo-rfc6775-update-reqs

- [draft-ietf-6lo-rfc6775-update](#)
  - Simplifies the protocol (no DAR/DAC for LL, no secondary NC)
  - Enables proxy registration
- [draft-ietf-6lo-ap-nd](#)
  - Protects addresses against theft (Crypto ID in registration)
- [draft-ietf-6lo-backbone-router](#)
  - Federates 6lo meshes over a high speed backbone
  - ND proxy that mimics 802.11 association but at Layer 3

# Address Protection

- 02 published May 24, 2017
- Added a clear section on updating RFC 6775
- Separated protocol overview in own section
- Moved requirements to appendix
- Quite a lot of editorial work
- Ready for pre last call security review
  - Chairs asked Tero Kivinen, now pending his review