

IPv6 Backbone Router

draft-ietf-6lo-backbone-router-01

Pascal Thubert

IETF 95

Buenos Aires

What's new with 6BBR?

Adopted at 6lo in January,

Planned for interop test in Berlin (ETSI)

Text updated to reflect general benefits in wireless

Related to the IEEE/IETF coordination talks

Added intro text to illustrate this

6BBR vs. RFC 6775

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

Extended ARO option

- Add TID field to support registration mobility

- Same as efficient ND

Proxy registration

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

- Registering the target as opposed to source address

What is 6BBR?

Support for multilink subnet

Which is typical of many LLN solutions

Support for multiple 6LBR == RPL root

Support for device mobility between 6LBRs

Support for multiple 6LLN types

BTLE, LP Wi-Fi ...