

IPv6 Backbone Router

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

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What's new with 6BBR?

Adopted at 6lo in January,

Interop tested in Berlin (ETSI) on Fri-Sat

- One open source (openWRT)
- One Vendor (Cisco)
- Tested with openWSN as client

Related to the IEEE/IETF coordination talks

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 ...