

Transmission of IPv6 packets over ITU-T G.9959 Networks

draft-brandt-6man-lowpanz-02

Anders Brandt
Sigma Designs

Draft Status

- Individual draft
 - In a mature state since June
 - Presented to 6MAN which points to 6lo ... ⇒ just waiting for 6lo adoption
 - Draft **not** renamed from draft-brandt-6man-lowpanz-02 to draft-brandt-6lo-lowpanz-00 (6lo adoption will change the name anyway)

draft-brandt-6man-lowpanz-02

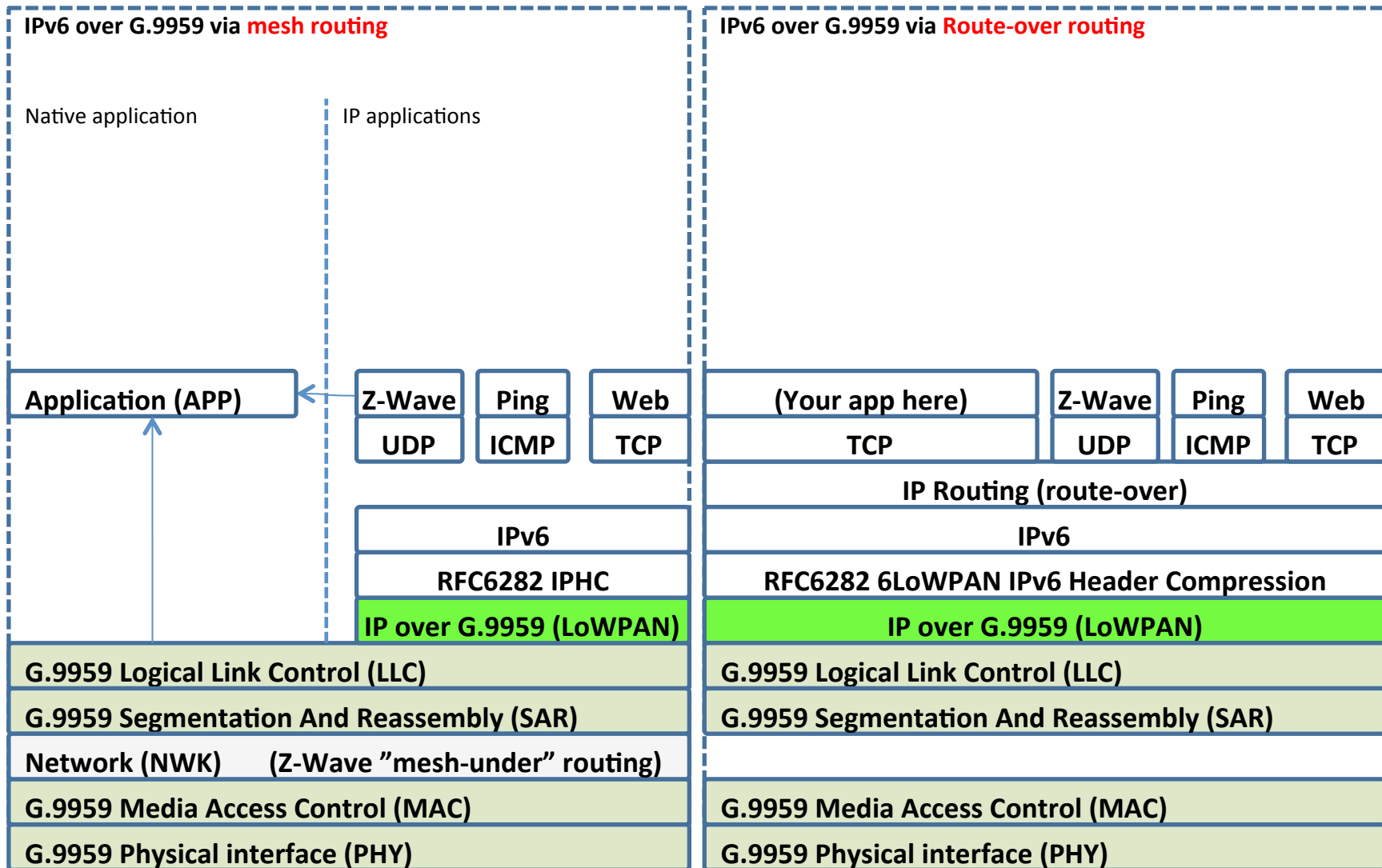
Short overview

- Yet another IP-over-foo in the 6LoWPAN family
- IP packets may be forwarded via mesh routing or via route-over routing.
6LoWPAN is agnostic to the forwarding mode
- ITU-T G.9959 is the PHY & MAC of Z-Wave™
Next revision adds SAR and LLC adaptation layers.
Changes already approved in the ITU-T.

Just another 6LoWPAN?

- Reused
 - 98%
- Not reused
 - Mesh routing
 - Fragmentation
(already provided by G.9959)
- Changed
 - 8bit NodeID instead of 16bit Short Address

IPv6 over G.9959 – the stack(s)



Going forward

- Adoption as WG document?