Apology

• Apparently the draft was only announced on the 6man list – not the 6lowpan list

  – Caused by mail address filtering issue 😞
IPv6 over G.9959 – the stack

G.9959 Logical Link Control (LLC)
G.9959 Segmentation And Reassembly (SAR)
G.9959 Media Access Control (MAC)
G.9959 Physical interface (PHY)

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Comments to work out

• RFC4944 vs. RFC6775 6LoWPAN ND
  – More details needed. No real issues.
  – Emphasize coupling to RFC6282

• RFC4861 Source/Target Link-layer Address
  – Simply remove the network ID portion (HomeID)

• Status indications to higher layers
  – “MUST” req. conflict with classic IP model

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RFC4861 Source/Target Link-layer Address

- Removing the network ID portion (HomeID)

```
0 1 2 3 4 5 6 7 8 9 0 1 2 3 4 5
+-----------------+
|     Type      |
+-----------------+
|   Length=1     |
+-----------------+
| HomeID1 (MS)   |
| HomeID2        |
+-----------------+
| HomeID3        |
| HomeID4 (LS)   |
+-----------------+
| 0x00           |
|   NodeID       |
+-----------------+
```

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Going forward

• Adoption as WG document?
BACKUP
IPv6 over G.9959 – the stack

Native G.9959 Node w. IP support

Native application

Application (APP)

Z-Wave
UDP

Ping
ICMP

Web
TCP

IPv6

RFC6282 IPHC

IP over G.9959 (LoWPAN)

G.9959 Logical Link Control (LLC)

Security (SEC)
(Z-Wave security)

G.9959 Segmentation And Reassembly (SAR)

Network (NWK)
(Z-Wave "mesh-under" routing)

G.9959 Media Access Control (MAC)

G.9959 Physical interface (PHY)

G.9959 IP Node w. IP Routing support

Native application

IP applications

(Your app here)

TCP

UDP

ICMP

Z-Wave

Ping

Web

IPv6

RFC6282 6LoWPAN IPv6 Header Compression

IP over G.9959 (LoWPAN)

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