Sharing /64 3GPP Mobile Interface Subnet to a LAN

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DHCP-PD not soon, /64 share today

- DHCP-PD is only available in Release 10 of 3GPP standards, optional function, no network kit support available today (AFAIK), or perhaps any time soon (AFAIK)
- DHCP-PD is the best, but an interim solution is needed for now and for networks not on the bleeding (this works with 2G too)
- /64 sharing is viable for nodes that have been available for 5+ years, LTE iPad on VZW already does something akin to this proposal
- Open-source Android code published
  - [https://android-review.googlesource.com/#/c/38380/](https://android-review.googlesource.com/#/c/38380/)
- Nexus S builds
Change at the UE, no change towards network

Before

2001:db8:ac10:f002:1234:4567:0:9/128 or /64?

After

LAN /64 + RA

Next Steps

• Technical feedback?
• Working group document?