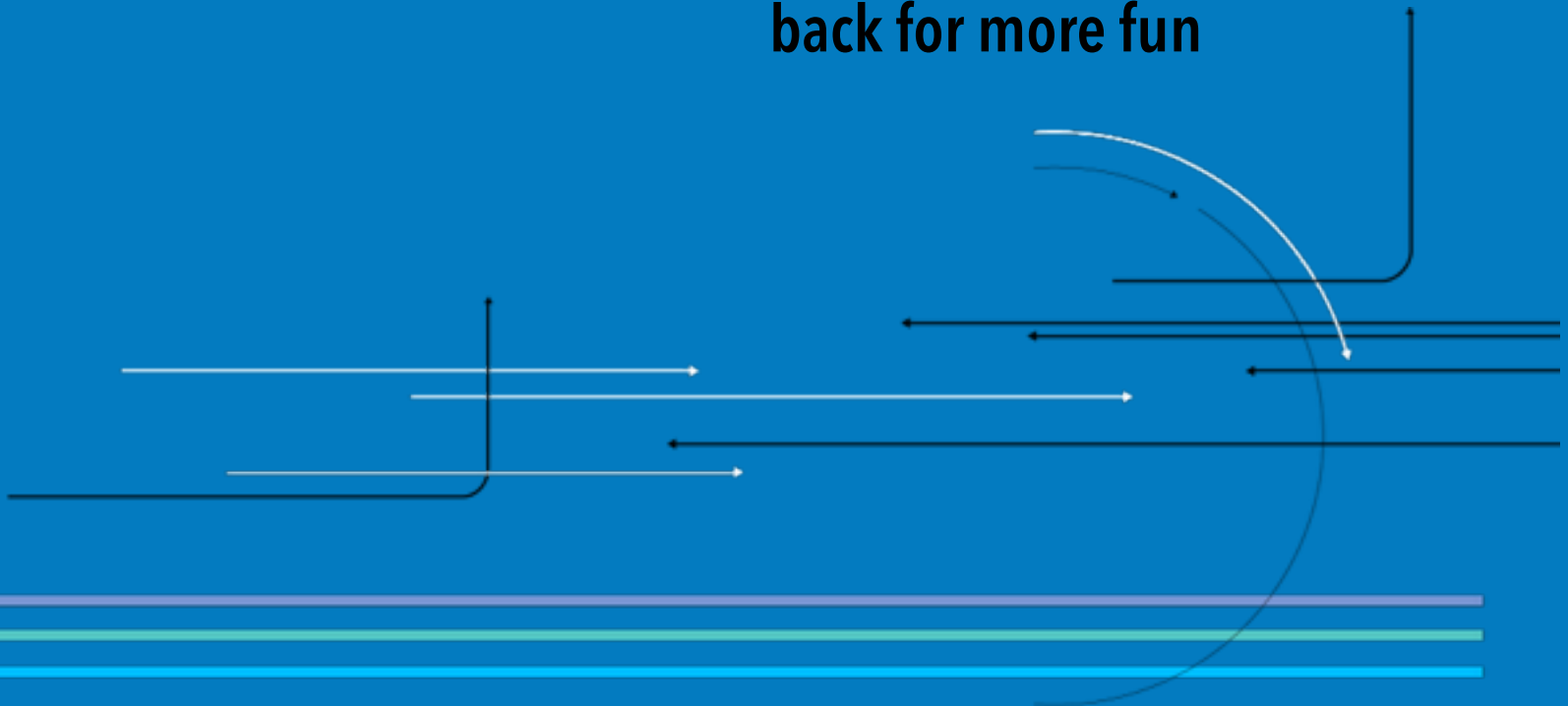# draft-ietf-6man-default-iids

back for more fun

Changes since WGLC

Clarified scope (1/2)

- Recommendations apply only in cases where implementations otherwise would have configured a stable IPv6 IID containing a link layer address. (Sec 1)

- Recommendations do not apply to cases where SLAAC is employed to generate non-stable IPv6 addresses (e.g. by embedding a link-layer address that is periodically randomized). (Sec 1)

- s/link-layer address/stable link-layer address/ (throughout)

Clarified scope (2/2)

- Does not change any existing recommendations concerning the use of RFC4941 temporary addresses. (Sec 1)

- Does not introduce any new requirements regarding when stable addresses are to be configured. (Sec 1)

Updated recommendations – Sec 3

"Nodes SHOULD implement and employ [RFC7217] as the default scheme for generating stable IPv6 addresses with SLAAC. A link layer MAY also define a mechanism for stable IPv6 address generation that is more efficient and does not address the security and privacy considerations discussed in Section 1. The choice of whether to enable the security- and privacy-preserving mechanism or not SHOULD be configurable in such a case.

By default, nodes SHOULD NOT employ IPv6 address generation schemes that embed a stable link-layer address in the IID."

IPv6-over-foo updates – Sec 6

E.g.,

"The entire text of Section 4 of [RFC2464] is replaced with the following text:

The Interface Identifier [AARCH] for an Ethernet interface SHOULD be generated as specified in [RFC7217]. Embedding a stable link-layer address in the IID is NOT RECOMMENDED [RFCXXXX]."

Next steps

Short second WGLC starting this week, ending next week?