

Recommendation on Temporary IPv6 Interface Identifiers

(draft-gont-6man-non-stable-iids-02)

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IETF 101

London, UK. March 17-23, 2018

Goals of this document

- Specify security/privacy requirements for non-stable addresses
- Clarify that hosts are not required to generate stable addresses
- Analogous to RFC8064 for stable addresses

Requirements for non-stable IIDs

- Must have limited lifetime
- Lifetime must be further reduced by security-meaningful events
- Must be different for different prefixes
- Must not embed layer-2 addresses
- Must be difficult to predict by an outside entity
- Must be semantically opaque

Moving forward

- Adopt as 6man WG item?