Recommendation on Temporary IPv6 Interface Identifiers
(draft-gont-6man-non-stable-iids-02)
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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 IID

- 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?