

A method for Generating Stable Privacy-Enhanced Addresses with IPv6 SLAAC

(draft-ietf-6man-stable-privacy-addresses)

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Summary of changes since WGLC

- Issue:
 - Document was underspecified in terms of how to handle DAD failures
- Solution:
 - Specify that at least three new addresses should be tried in the hopes of solving DAD failures

Summary of changes since WGLC (II)

- Issue:
 - Document didn't handle reserved IIDs
- Solution:
 - Check that the candidate IID is not a reserved IID. If it is, solve this problem in the same way as a DAD failure

Summary of changes since WGLC (III)

- Issue:
 - Document is not clear about the lifetime of these addresses
- Solution:
 - Explicitly note that the lifetime is the same as that of traditional SLAAC addresses (that specified in the RA packet) -- we're **not** changing SLAAC.

Summary of changes since WGLC (IV)

- Issue:
 - Document is not clear about the renumbering properties of these addresses
- Solution:
 - Explicitly note that these addresses have the same renumbering properties as traditional SLAAC addresses.

Summary of changes since WGLC (V)

- Issue:
 - The document should require a specific hash algorithm, so that, given the same parameters, different implementations produce the same addresses
- Solution:
 - Clarifies that the choice of a hash algorithm is typically a trade-off
 - Note: since the namespace of interface-index has not been specified, implementations might still produce different addresses