

# Representing IPv6 Zone Identifiers in Uniform Resource Identifiers

draft-ietf-6man-uri-zoneid-04

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# Motivation

- Literal addresses in URIs are intended for operational and diagnostic use.
- Sometimes, there is a need to make tests that relate to a specific interface on the host.
  - A web browser might be the handiest tool for this
- For link-local addresses, RFC 4007 defines a text representation of the Zone Identifier (in practice usually equal to an interface name).
  - There is no defined mapping for the Zone ID in URI syntax, so browsers cannot support it.

# Agreed so far

- Updates the ABNF for URIs (RFC 3986)
  - Use %25 as separator, i.e. RFC 4007 with standard URI escaping
- Modifies the IP-literal branch of the ABNF
  - `http://[fe80::a%25en1]` becomes a legal URL
- Dropped attempts to simplify cut & paste after divergent WGLC raised issues
  - discussed at IETF 84
  - consensus call by Ole Trøan on 2012-08-14

# Pending

- Sign-off from URI list
  - Because of the % encoding, this is a smaller change than the previous proposal
- AD has asked for a review from Pete Resnick
- IETF Last Call