

Default Address Selection for IPv6

draft-ietf-ipv6-default-addr-select-08

Richard Draves

July 18, 2002

Yokohama IETF Meeting

Source Address Selection and Destination Address Ordering

- Minimal requirement for all implementations
- Automatically pick “reasonable” source and destination addresses
- *Default* behavior
 - Does not override application
 - Configuration/policy is possible & encouraged

Current Status

- WG Last Call completed
- IETF Last Call completed
- IESG review completed
- IESG requested minor modifications
- WG review of IESG-requested changes
- Controversy erupts

What Changed in -08?

- Added definitions and requirements for IPv4-mapped and IPv4-translatable addresses, in support of SIIT.
- Changed the requirement for an API to control temporary vs public address preference in source address selection, from may to MUST.
- Clarifications and editorial changes from the IESG.

Controversial Issues

- Site-local addresses?
- Temporary addresses?
- What kind of configuration hooks are desirable?
 - Policy table, per-node, per-user, env variables, socket options, etc.
- Proposed Standard or BCP?
- Should it be an API document?
- Impossible to specify default behavior?

This document was created with Win2PDF available at <http://www.daneprairie.com>.
The unregistered version of Win2PDF is for evaluation or non-commercial use only.