

DHCPv6/SLAAC Interaction Operational Guidance ([draft-liu-v6ops-dhcpv6-slaac-guidance-03](#))

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Reminder

- Discussed in IETF89&90
 - Supportive comments were received in mailing list and at the mikes
 - People in overall thought this document was useful
 - Main concern in last meeting was the readability
- The new 03 version
 - re-organize the content for better readability
 - deleted some redundant content (mostly the Problem Statement iteration)
 - not a few re-wording

Guidance Content

- **Always Turn RAs On**
 - RAs are required even in DHCPv6-only scenarios for off-link default routing configuration
- **Guidance for Address Provisioning Scenarios**
 - DHCPv6-only
 - SLAAC-only
 - DHCPv6/SLAAC Co-existence
- **Guidance for renumbering operations**
 - Adding a new address from DHCPv6 (SLAAC) for a SLAAC (DHCPv6) configured host
 - Switching DHCPv6 (SLAAC) provision to SLAAC (DHCPv6) provision

Guidance Update

- Renumbering Guidance
 - If administrators need DHCPv6/SLAAC co-existence
 - make sure that SLAAC and DHCPv6 available simultaneously at the initial stage
 - since SLAAC-only to SLAAC/DHCPv6 co-existence renumbering operation might be inapplicable for some hosts
 - If administrators need to switch DHCPv6 off
 - don't directly turn the M flag off in RAs, since some operating systems will release DHCPv6 addresses immediately, which mean a flash renumbering happens
 - just stop the DHCPv6 server and let the configured DHCPv6 addresses expired themselves

Next Steps

Adopted as a WG item?

DHCPv6/SLAAC PS WGLC Summary

- There were some concerns on the Problem Statement aspect that they thought the problems were minor
- There were some supportive suggestions:
 - to focus on the testing which was considered should be the actual content of the draft
 - to include more testing content (RDNSS Option VS DHCPv6 interaction)

Next Step

- Choice 1: to accept the suggestions, and try another WGLC after revising the draft
- Choice 2: to move forward the draft as it is now

Which one do you prefer?

Thank you!

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