

draft-ietf-snac-simple

Status update

Ted Lemon <elemon@apple.com>

Jonathan Hui <jonhui@apple.com>

Status

- Numerous interim meetings since IETF 119
- Each meeting was an editing session
- Much was clarified

Changes since IETF 119

- SNAC Routers \in Stub Routers, so use the more specific term in the document except when we really mean “stub router” and not “SNAC router.”
- Clarify that a prefix that has been advertised but then deprecated still needs to have a route, since it can be in use during its entire valid lifetime
- ‘L’ bit clarification: we don’t know what to say about link-layers that don’t want the ‘L’ bit, so such link-layers are out of scope for this version of the document
- M&O bits: supposedly these have to be consistent on the wire across different RAs, but it’s never specified how this would work, and it turns out to be hard. According to Suresh, this isn’t a solved problem, so we don’t try to solve it. SNAC routers set M&O to false.

More changes

- Added discussion about infrastructure net changes versus DHCPv6 prefix delegation
- Added text detailing applicability/purpose of NAT64 requirement
- Added security considerations (which is a punt to RFC4861)
- Appendix describing deployment scenarios and analyzing how they interact with SNAC
- Appendix detailing content of RAs sent on infrastructure
- Appendix detailing content of RAs sent on stub network