

# Service Registration Protocol

Ted Lemon <[elemon@apple.com](mailto:elemon@apple.com)>  
Stuart Cheshire <[cheshire@apple.com](mailto:cheshire@apple.com)>

# Document Status

All discusses cleared

Éric is ready to push the “publish” button

Last question is whether we need to add some more text about the UDP use case

We don't specify a mechanism for source address validation—we only suggest one.

The suggested mechanism will not work for the multi-hop use case.

Do we need to solve this prior to publication or just address it in a next document (e.g. the snac-not-so-simple document)

# Changes during IESG review

Explicit reference to registration domain discovery (RFC6763 section 11)

Added references to DNS documents that talk about retransmission strategy (TSV review)

Updates have to be sequenced—no parallel updates on the same host

Key management policy: explicitly state that key management policy for SRP is not adequate for most other use cases

Key flags field -> 0

Additional text about SRV target compression

# Changes during IESG review

We forgot to require the update-lease option!

Added additional text about UDP source validation using the stub router use case as an example

Additional security considerations pointing out that SRP is not the weak link: RA and DHCP are.

We explicitly point out that we haven't specified a way to authenticate SRP registrars: TLS is for opportunistic security, not authentication.

Some RFC2119 keywords were not in uppercase

Other wordsmithing