SCION RIPE WG Charter (Proposal)

SCION is a clean-slate Internet architecture designed to provide route control, failure isolation, and explicit trust information for end-to-end communication. The aim of the SCION Working Group is to raise awareness in the RIPE community about the role of RIRs and LIRs in the SCION architecture. Moreover, the SCION WG will facilitate discussion about questions related to the registration of SCION resources, such as the establishment of SCION ISDs (Isolation Domains), the assignment of SCION AS numbers, as well as the provision of SCION AS certificates, similar to the role of RIRs in RPKI.

To this end, the goal of the SCION WG is to define, discuss and set up a pilot for the registration and certification of SCION resources. The SCION WG aims to deliver a first version of the pilot specification within one year, which will be implemented in the second year. Based on the collected feedback and experience with the first pilot, a revised version of the specification will be defined and implemented during the third year. Considering the experience with the revised pilot, a permanent implementation of the SCION registry and certification will then be considered during the fourth year.

The SCION WG will hold (plenary) sessions during RIPE meetings twice a year. Additionally, the WG is holding remote sessions outside of RIPE meetings organised via teleconference and open to everyone. The SCION WG will also monitor and take part in discussions in related working groups, such as the Address Policy Working Group, the Routing Working Group, and the RIPE NCC services Working Group.

To post a message to all the list members, send an email to scion-wg@ripe.net. Please note that only subscribers can post messages.

SCION WG Chair Selection Process (Draft)

1. The SCION WG will have two co-chairs who serve staggered two-year terms.
2. A co-chair cannot serve more than three consecutive terms.
3. Each year, the co-chair whose term is up will stand down and subject to (2) may make themselves available for re-appointment.
4. The incoming co-chair will be chosen by the WG using consensus and the other co-chair will make the consensus determination.
5. The WG may decide by consensus to remove a WG co-chair at any time.
6. Any circumstances not covered by the above will be resolved by the RIPE Chair whose decision will be final.