



# Next steps

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Nicola Rustignoli ([nic@scion.org](mailto:nic@scion.org))  
Corine de Kater ([cdk@scion.org](mailto:cdk@scion.org))

# Current status of SCION work

- There is deployment experience:
  - production networks
  - several incremental deployability mechanisms
- There are multiple implementations of SCION:
  - proprietary
  - open source
  - proprietary PKI
- There is a growing SCION community
- SCION fills in gaps in several areas:
  - Routing security
  - Inter-domain path-aware networking
  - Trust-enhanced networking
- There is a draft for each of the three core SCION components

# Existing drafts

SCION Overview  
[draft-dekater-panrg-scion-overview](#)

SCION Component Analysis  
[draft-rustignoli-panrg-scion-components](#)

**Additional topics:**

Research, interoperability

Control Plane PKI  
*Authentication*  
[draft-dekater-scion-pki](#)

Control Plane  
*Routing*  
[draft-dekater-scion-controlplane](#)

Data Plane  
*Packet forwarding*  
[draft-dekater-scion-dataplane](#)

Core specification: good fit for informational/experimental drafts (e.g., via ISE)

# Next Steps

Goal: find a suitable space for SCION within IETF/IRTF

A possible approach could be:

- Document the current protocol as implemented in existing deployments (e.g. via ISE)
- Keep the research aspects of SCION in a RG (as PANRG)
- In the long term use the initial specification for future IETF work to evolve the protocol

# Discussion

- Check consensus on the proposed approach
- Take additional suggestions for the next steps

*Thank you for your support!*