

SCiON

Updates and Q&A

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SCION Deployments and Other Updates

- Swiss Finance network to be fully migrated to SCION (SSFN) by Sept 2024
source: [SIX Group](#)
- Swiss national healthcare network adopts SCION for their trustworthy communication
source: [Health InfoNet](#)
- SCION Education network rolling out in collaboration with Geant
source: [Geant/OVGU Magdeburg](#)
- SCION Association maintaining open source implementation, building up and facilitating community

SCION Drafts: Recap

SCION Overview

[draft-dekater-panrg-scion-overview-03](#)

Last discussion at
PANRG interim
Sept. 2022

SCION Component Analysis

[draft-rustignoli-panrg-scion-components-02](#)

**Control Plane PKI
Authentication**

[draft-dekater-scion-pki-02](#)

**Control Plane
Routing**

Available before IETF117

**Data Plane
Packet forwarding**
Available by Q3

Updates to component analysis

- Adapted term SCION “end hosts” to “endpoints” (in line with draft-irtf-panrg-path-properties)
- Mention potential relationship between SCION Data Plane - IPv6 EH
- References
- TODO:
 - Extend on interoperability
 - Further terminology review

Updates to draft-dekater-panrg-scion-overview

- Minor changes only: references, authors, language
- TODO:
 - shorten components descriptions once main components drafts are available
 - Extend deployments section with use cases
 - Add life of a packet
 - Add diagrams
 - Language (according to draft-irtf-panrg-path-properties)?

SCION Control-Plane PKI Internet-Draft: updates

- Addressed feedback from various reviewers (Russ Housley, SCION dev community)
- Corrected the [number allocations](#) of the SCION Isolation Domains
- Extensively revised and shortened the “Certificate Specification” section:
 - Only one descriptive section per [certificate type](#)
 - No extensive description of each X.509 v3 certificate field - just a short overview
→ Draft focusses on [SCION specific constraint and conditions](#)
 - Extensions: No longer described per certificate type. Instead, differences between certificate types described per [extension](#)
- Moved the detailed description of the Signing Ceremony of the Base TRC to an [appendix](#)
- Improved [References](#)

Questions?

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