Hackathon-122 Bangkok

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Motivation

- IETF activities to develop specifications for supply chain security are becoming more active
  - OPSAWG: *RFC 9472*
  - SCITTWG: *draft-ietf-scitt-architecture-11, draft-ietf-scitt-scrapi-04*
- There are still issues that the high-level discussions conducted by SCITT cannot cover
  - Is the architecture and its API all you need?
  - Does the SCITT architecture provide backward compatibility with RFC 9472?
  - Can we claim transparency of computing resources on a per-host basis with only existing statements and the SCITT architecture?
  - Is the versatility of the SCITT architecture and API sufficient?

Challenges to someone’s needs

- Draft’s Treasure Hunting
  - that weaves in and out existing specifications and drafts
- Backward compatibility with RFC 9472
  - is stands for YANG modeling meets the SCITT Architecture
- Feedback from Case Studies
  - allows us to re-examine the relationship between statements and architecture
  - will show you an aspiration of extending statements without changing the architecture
- Support for Dynamic Statement Lifecycles
  - makes SCITT more versatile
  - enables the verification of the transparency of statements and the tracking of changes to statements

i) Draft's Treasure Hunting

- Basic Principles
  - We must not deceive each other
  - It is **also necessary to determine the value of creating specifications**
- Draftable issues in white space
  - A consistent method of representing deliverables in the software supply chain
  - How to deal with strengthening software and hardware
  - The expressive power of software in the software supply chain has not kept pace with the growth of the field, e.g., transparency of service, transparency of hardware

  … But no limited… Save the fun for our next hackathon in Madrid!!)
- After Hunting
  - Create an **extended specification** with care for backward compatibility with the original specification
  - The SCITT specification is highly versatile so that we can **reflect our findings in the SCITT specification or reference implementation**

ii）Backward compatibility w/ RFC 9472

- Saturday’s main dish

iii）Feedback from Case Studies

- TODO

iv）Support for dynamic statement lifecycles

- Sunday’s main dish

Security Considerations

- TODO

License Considerations

- TODO