Interface to Network Security Functions (I2NSF)

IETF 101, Wed March 21, 9:30-11:30 AM

Chairs:

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Note Well

- Any submission to the IETF intended by the Contributor for publication as all or part of an IETF Internet-Draft or RFC and any statement made within the context of an IETF activity is considered an "IETF Contribution". Such statements include oral statements in IETF sessions, as well as written and electronic communications made at any time or place, which are addressed to:
  - The IETF plenary session
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Administrivia

- Charter:

  http://datatracker.ietf.org/wg/i2nsf/charter/

- Mailing List:

  https://www.ietf.org/mailman/listinfo/i2nsf

- Minutes Taker:

- Jabber Scribe:

- Blue Sheets
  - Please fill them in and circulate
  - They are now scanned and published online

Reminders

- Agenda:

  [https:// datatracker.ietf.org/meeting/101/materials/agenda-101-i2nsf](https://datatracker.ietf.org/meeting/101/materials/agenda-101-i2nsf)

- Minutes Takers (Etherpad):

  [https:// etherpad.tools.ietf.org/p/notes-ietf-101-i2nsf?useMonospaceFont=true](https://etherpad.tools.ietf.org/p/notes-ietf-101-i2nsf?useMonospaceFont=true)

- Jabber room
  - i2nsf@jabber.ietf.org

- Wiki and issue tracker
  - https://tools.ietf.org/wg/i2nsf/

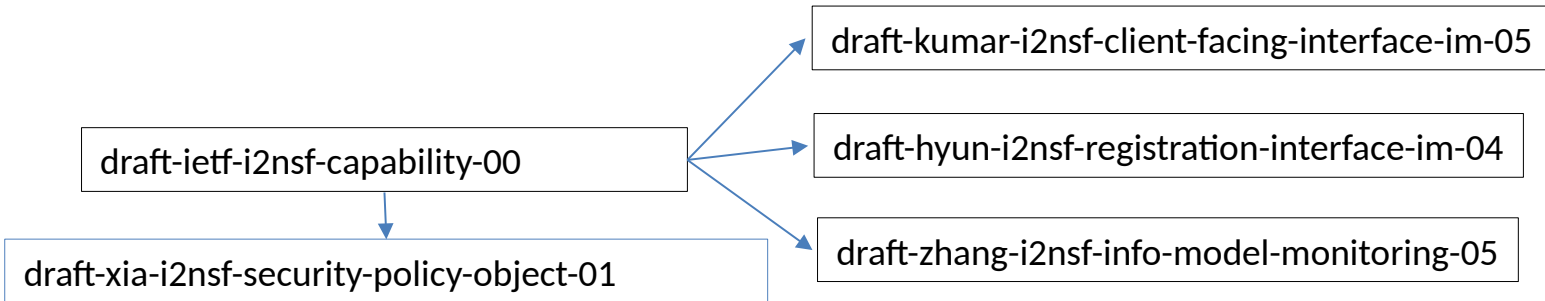- State your name clearly and slowly at the mic

Agenda

- 09:30-09:40 - Agenda bashing, blue sheets, and Note Well
  - Document status
- 09:40-09:45 Report of IETF-101 Hackathon I2NSF project (5 min): Jaehoon Paul Jeong
- 09:45—9:50 I2NSF Applicability WG document, updates and next steps: Jaehoon Paul Jeong
  - https://datatracker.ietf.org/doc/draft-ietf-i2nsf-applicability/

- 09:45-11:00 – Data Model & Information Models discussion
  - I2NSF Capability information model draft – Frank Xia
  - I2NSF Capability YANG Data Model (10 min) - Presenter: Jinyong Tim Kim
    - draft-ietf-i2nsf-nsf-facing-interface-dm-00
    - draft-hares-i2nsf-capability-data-model-06
  - Consumer facing interface Data model:
    - draft-ietf-i2nsf-consumer-facing-interface-dm-00
  - Consumer facing interface information model - presenter: Jaehoon Paul Jeong
    - draft-kumar-i2nsf-client-facing-interface-im-05

- 11:00-11:10: YANG Data Model for Monitoring I2NSF Network Security Functions (10 min): Presenter: Jaehoon Paul Jeong
    - draft-hong-i2nsf-nsf-monitoring-data-model-02
- 11:10-11:20: I2NSF Registration Interface Information Model and YANG Data Model (10 min): - Presenter: Jaehoon Paul Jeong
      - draft-hyun-i2nsf-registration-interface-im-04
      - draft-hyun-i2nsf-registration-interface-dm-03

- 11:20 – 11:30: Service Function Chaining-Enabled I2NSF Architecture (10 min) - Presenter: Jaehoon Paul Jeong
      - draft-hyun-i2nsf-nsf-triggered-steering-05

- 11:30 – 11:50: Remote attestation in NFV scenario & Attestation matters in I2NSF [20 min] –
  - draft-rein-remote-attestation-nfv-use-cases – Presenter: Frank Xia
    - draft-pastor-i2nsf-nsf-remote-attestation
    - draft-birkholz-i2nsf-tuda
  - General discussion: Diego Lopez

- Open Mic

Milestones Achieved

- RFC 8329 ([draft-ietf-i2nsf-framework](#)) Published!
  - congratulations to the authors
- New WG drafts:
  - https://datatracker.ietf.org/doc/draft-ietf-i2nsf-consumer-facing-interface-dm/
  - https://datatracker.ietf.org/doc/draft-ietf-i2nsf-nsf-facing-interface-dm/
- Decision point if following is ready for WGLC?
  - https://datatracker.ietf.org/doc/draft-ietf-i2nsf-applicability/ ??
  - https://datatracker.ietf.org/doc/draft-ietf-i2nsf-sdn-ipsec-flow-protection/ ??
  - https://datatracker.ietf.org/doc/draft-ietf-i2nsf-capability/ ??
  - draft-ietf-i2nsf-client-facing-interface-req??

- Stay current as WG document until WG finishes its milestone
  - draft-ietf-i2nsf-terminology
  - draft-ietf-i2nsf-gap-analysis
- WG adoption candidates:
  - draft-kumar-i2nsf-client-facing-interface-im-03
  - draft-hares-i2nsf-capability-data-model-03
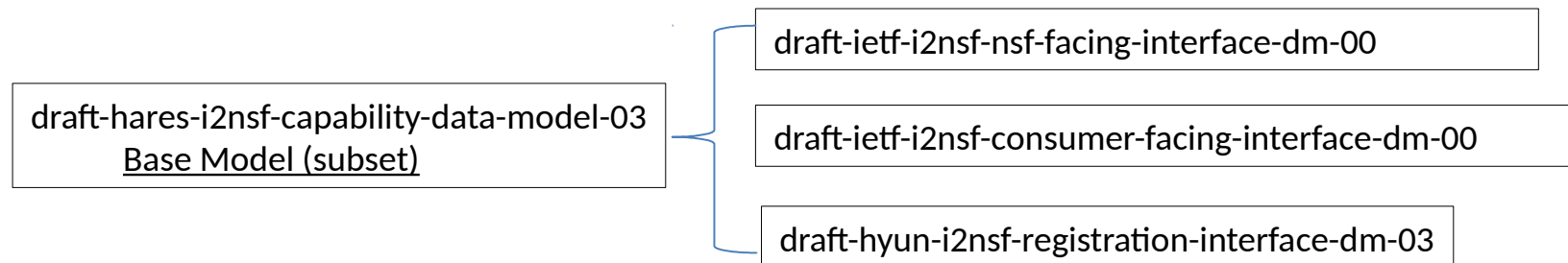
Information Model & Data Model

Information model:

draft-ietf-i2nsf-capability-00

draft-kumar-i2nsf-client-facing-interface-im-05

draft-hyun-i2nsf-registration-interface-im-04

draft-zhang-i2nsf-info-model-monitoring-05

draft-xia-i2nsf-security-policy-object-01

Per RFC 3444:
IMs are primarily useful for designers to describe the managed environment, for operators to understand the modeled objects, and for implementors as a guide to the functionality that must be described and coded in the DMs.

Data Model:

draft-hares-i2nsf-capability-data-model-03
Base Model (subset)

draft-ietf-i2nsf-nsf-facing-interface-dm-00

draft-ietf-i2nsf-consumer-facing-interface-dm-00

draft-hyun-i2nsf-registration-interface-dm-03

Don't Forget the Wiki etc.

- The working group tools page has resources for you
  - https://tools.ietf.org/wg/i2nsf/
- Includes an issue tracker
- Includes a wiki
- You can (should) use these to help you with your work
  - Anyone can add anything relevant