

Interface to Network Security Functions (I2NSF)

IETF 102, Wed July 18 , 1:30-3:00 PM

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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 - Any IETF working group or portion thereof
 - Any Birds of a Feather (BOF) session
 - The IAB or any member thereof on behalf of the IAB
 - The RFC Editor or the Internet-Drafts function
- All IETF Contributions are subject to the rules of [RFC 5378](#) and [RFC 8179](#).
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- A participant in any IETF activity is deemed to accept all IETF rules of process, as documented in Best Current Practices RFCs and IESG Statements.
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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/102/materials/agenda-101-i2nsf>

- Minutes Takers (Etherpad):

<https://etherpad.tools.ietf.org/p/notes-ietf-102-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

Milestones

- 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-nsf-facing-interface-dm/>??
 - <https://datatracker.ietf.org/doc/draft-ietf-i2nsf-capability/> ??
 - <https://datatracker.ietf.org/doc/draft-ietf-i2nsf-capability-data-model/> ??
 - [draft-ietf-i2nsf-client-facing-interface-req](#)??
 - <https://datatracker.ietf.org/doc/draft-ietf-i2nsf-consumer-facing-interface-dm/>??
- Stay current as WG document until WG finishes its milestone
 - [draft-ietf-i2nsf-terminology](#)
 - [draft-ietf-i2nsf-gap-analysis](#)
- Milestone adjustment:

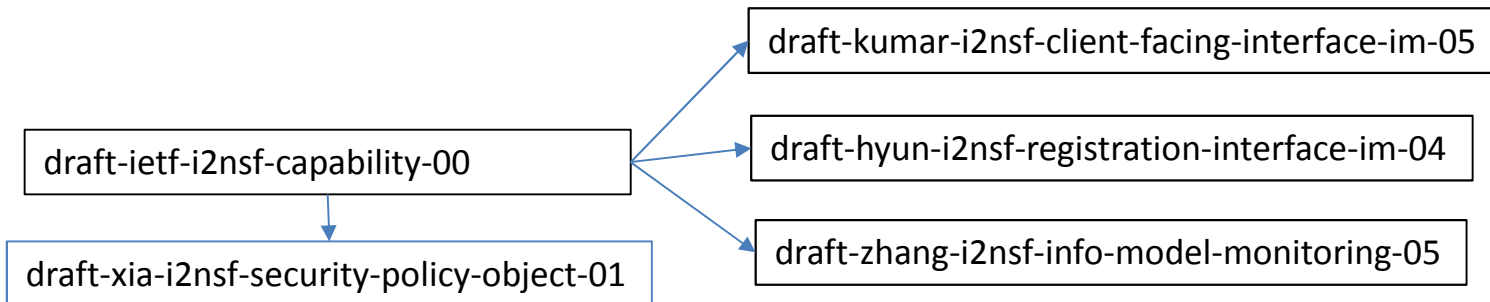
Feb 2019	Working group re-charter or close
Dec 2018	Data Models and Applicability Statements to IESG for publication
Dec 2018	All early drafts to IESG for publication (if WG decided to proceed): use cases, problem statement, and gap analysis document; framework document; information model requirements for extensions to protocols document; examination of existing secure communication mechanisms document
Done	Publication: use cases, problem statement, and gap analysis document; framework document;
March 2019	Adopt IANA registry consideration as WG document if deemed necessary

Agenda

- 13:30-13:40 - Agenda bashing, blue sheets, and Note Well, Document status
- 13:40-13:45 Report of IETF-102 Hackathon I2NSF project (5 min): TaeKyun Roh
<https://github.com/kimjinyong/i2nsf-framework>
- 13:45-14:00 IPsec Flow Protection (15 min): Rafa Marín-López
- 14:00—14:05 I2NSF Applicability WG document, updates and next steps: Jaehoon Paul Jeong
<https://datatracker.ietf.org/doc/draft-ietf-i2nsf-applicability/>
- 14:05-14:45 – Data Model & Information Models discussion
I2NSF Capability information model draft – John Strassner
- I2NSF Data Models (20 min) - Presenter: Jaehoon Paul Jeong
 - . draft-ietf-i2nsf-capability-data-model-01
 - . draft-ietf-i2nsf-consumer-facing-interface-dm-01
 - . draft-ietf-i2nsf-nsf-facing-interface-dm-01
 - . draft-hyun-i2nsf-registration-interface-dm-04
 - . draft-hong-i2nsf-nsf-monitoring-data-model-04
- I2NSF Information Models (Presenter: Seungjin Lee, 10 min)
 - . draft-kumar-i2nsf-client-facing-interface-im-06
 - . draft-hyun-i2nsf-registration-interface-im-05
- 14:45 - 14:50 Remote attestation in NFV scenario & Attestation matters in I2NSF: Presenter: Diego Lopez
draft-pastor-i2nsf-nsf-remote-attestation-04
- 14:50 - 14:55 I2NSF policy object data model (5 min): Qiushi Lin
draft-xia-i2nsf-sec-object-dm,
- 14:55 - 15:00 Security Policy Translation (Presenter: Jinhyuk Yang, 5 min)
draft-yang-i2nsf-security-policy-translation-00
- Open Mic

Information Model & Data Model

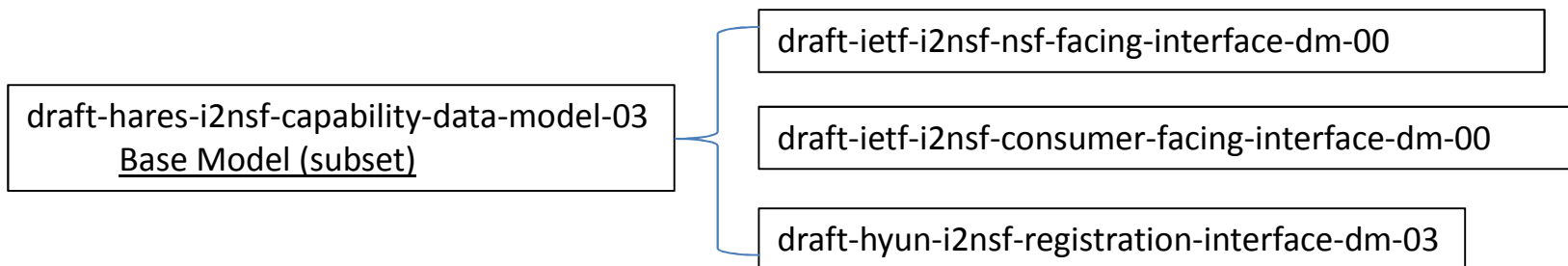
Information model:



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:



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