

Interface to Network Security Functions (I2NSF)

IETF 103, Wed Nov 7, 3:40-5:10 PM

Chairs:

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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/103/materials/agenda-103-i2nsf-01>

- Minutes Takers (Etherpad):

<https://etherpad.tools.ietf.org/p/notes-ietf-103-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

- Completed the WGLC for draft-ietf-i2nsf-applicability-07
- Newly adopted WG draft: draft-ietf-i2nsf-registration-interface-dm-00
- Decision point if following is ready for WGLC?
 - <https://datatracker.ietf.org/doc/draft-ietf-i2nsf-sdn-ipsec-flow-protection/> ??
 - <https://datatracker.ietf.org/doc/draft-ietf-i2nsf-capability/> ??
 - <https://datatracker.ietf.org/doc/draft-ietf-i2nsf-nsf-facing-interface-dm/>??
 - <https://datatracker.ietf.org/doc/draft-ietf-i2nsf-capability-data-model/> ??
 - <https://datatracker.ietf.org/doc/draft-ietf-i2nsf-consumer-facing-interface-dm/>??
 - [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](#)
- 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; Applicability Statements to IESG for publication
March 2019	Adopt IANA registry consideration as WG document if deemed necessary

Agenda

- 15:40-15:50 - Agenda bashing, blue sheets, and Note Well, Document status
- 15:50-15:55 I2NSF Hackathon Project - : Jaehoon Paul Jeong
- 15:55-16:15 IPsec Flow Protection (15 min): Gabriel López
 - Discussion on IPsec optimization in SDWAN environment, especially the security risks, which are to be included in the document
- 16:05- 16:15: Security Risks of sharing IPsec key: Yoav Nir
 - Discussion on IPsec optimization in SDWAN environment, especially the security risks, which are to be included in the document
- 16:15-16:45 – WG adopted Data Model & Information Models discussion
 - I2NSF Capability information model draft – Frank Xia
 - I2NSF Data Models (15 min) – Presenter: Jaehoon Paul Jeong
 - . I2NSF Consumer-Facing Interface YANG Data Model
(draft-ietf-i2nsf-consumer-facing-interface-dm-02)
 - . I2NSF Capability YANG Data Model
(draft-ietf-i2nsf-capability-data-model-02)
 - . I2NSF Network Security Function-Facing Interface YANG Data Model
(draft-ietf-i2nsf-nsf-facing-interface-dm-02)
 - . I2NSF Registration Interface Data Model
(draft-ietf-i2nsf-registration-interface-dm-01)
- 16:45-17:00 :45Individual draft Data Model discussion
 - YANG Data Model for Monitoring I2NSF Network Security Functions
draft-hong-i2nsf-nsf-monitoring-data-model-05: Jaehoon Paul Jeong
 - draft-xia-i2nsf-sec-object-dm-01: Qiushi Lin
 - draft-dong-i2nsf-asf-config-01: Wei Pan
- 17:00-17:10 - Update on Security Policy Translation Draft
 - [Presenter: Jinyong Tim Kim (10 min)]
 - (draft-yang-i2nsf-security-policy-translation-02)
- Open Mic

Information Model & Data Model

Information model:

draft-ietf-i2nsf-capability-00



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-ietf-i2nsf-capability-data-model-02
Base Model (subset)

draft-ietf-i2nsf-nsf-facing-interface-dm-02

draft-ietf-i2nsf-consumer-facing-interface-dm-02

draft-ietf-i2nsf-registration-interface-dm-01

draft-hong-i2nsf-nsf-monitoring-data-model-05
draft-xia-i2nsf-sec-object-dm-01
draft-dong-i2nsf-asf-config-01

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