

# Interface to Network Security Functions (I2NSF)

IETF 100, Tuesday Nov 14, 15:50-17:50

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/100/materials/agenda-100-i2nsf/>

- Minutes Takers (Etherpad):

<https://etherpad.tools.ietf.org/p/notes-ietf-100-i2nsf?useMonospaceFont=true>

- Jabber room

– i2nsf@jabber.ietf.org

- Wiki and issue tracker

– <https://tools.ietf.org/wg/i2nsf/>

# Agenda

- Administrivia - Chairs [5 mins:] Working Group status and progress on milestones
- IETF 100 I2NSF Hackathon Report [5 mins] - Presenter: Sangwon Hyun
- SDN controlled IPsec (10 min: 30/120) draft-ietf-i2nsf-sdn-ipsec-flow-protection
  - Presenter: Gabriel López
- I2NSF Applicability (5 min) (draft-jeong-i2nsf-applicability-01 )
  - Presenter: Sangwon Hyun
- I2NSF Capability Informational Model (draft-xibassnez-i2nsf-capability)
  - Presenter: John Strassner
- I2NSF Network Security Functions-Facing Interface YANG Data Model ( draft-kim-i2nsf-nsf-facing-interface-data-model-04)
  - Presenter: Jinyong Tim Kim
- Capability Data Model: draft-hares-i2nsf-capability-data-model-05
  - Presenter: Jinyong Tim Kim?
- Client (Consumer) facing IM/DM (20min)
  - draft-kumar-i2nsf-client-facing-interface-im (Frank - 10 min)
  - draft-jeong-i2nsf-consumer-facing-interface-dm-05 (Seungjin Lee)
- Registration Interface Information Model and Data Model(10 min)
  - - draft-hyun-i2nsf-registration-interface-im-03
  - - draft-hyun-i2nsf-registration-interface-dm-02
  - - Presenter: TaeKyun Noh
- YANG Data Model for Monitoring I2NSF Network Security Functions (5 min) : draft-hong-i2nsf-nsf-monitoring-data-model-01
  - Presenter: Jinyong Tim Kim
- Service Function Chaining-Enabled I2NSF Architecture(5 min): draft-hyun-i2nsf-nsf-triggered-steering-04
  - Presenter: Sangwon Hyun

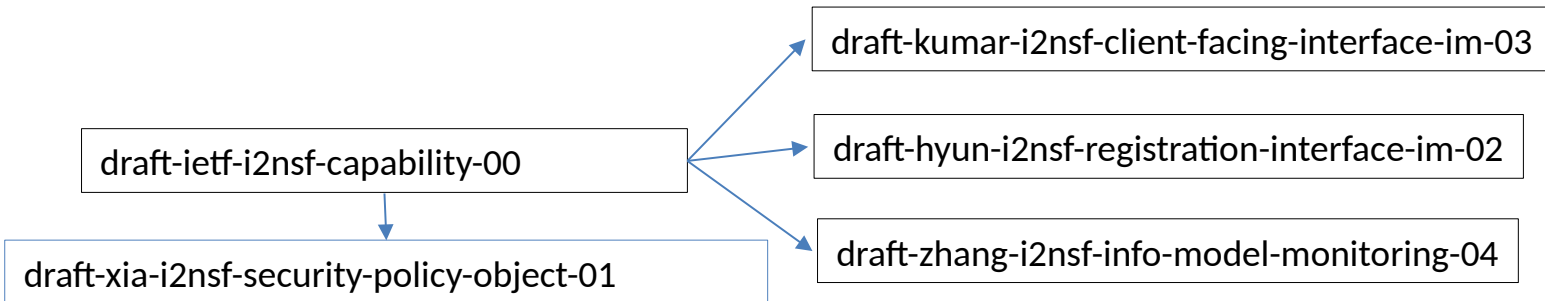
- Open Mic

# Milestones Achieved

- RFC 8192 Published: [draft-ietf-i2nsf-problem-and-use-cases](#):
  - congratulations to the authors
- IESG LC completed (new revision just updated):
  - [draft-ietf-i2nsf-framework](#)
- New WG drafts:
  - draft-ietf-i2nsf-applicability-01
  - draft-ietf-i2nsf-capability-00
  - draft-ietf-i2nsf-sdn-ipsec-flow-protection-00
- Stay current as WG document until WG finishes its milestone
  - [draft-ietf-i2nsf-terminology](#)
  - [draft-ietf-i2nsf-gap-analysis](#)
- Decision point if following is ready for WGLC?
  - [draft-ietf-i2nsf-client-facing-interface-req](#)
- WG adoption candidates:
  - draft-kim-i2nsf-nsf-facing-interface-data-model-05
  - draft-kumar-i2nsf-client-facing-interface-im-03
  - draft-hares-i2nsf-capability-data-model-03

# 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