Interface to Network Security Functions (I2NSF)

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

Chairs:
Linda Dunbar <linda.dunbar@huawei.com>
Yoav Nir <ynir.ietf@gmail.com>
Note Well

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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

• Minutes Takers (Etherpad):

• 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

14-Nov-2017
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

- 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

  - draft-rein-remote-attestation-nfv-use-cases – Presenter: Frank Xia
    - draft-pastor-i2nsf-nsf-remote-attestation
    - draft-birkholz-i2nsf-tuda
  - General discussion: Diego Lopez

- 11:50 – 12:00: Open Mic
Milestones Achieved

- RFC 8329 (draft-ietf-i2nsf-framework) Published!
  - congratulations to the authors
- New WG drafts:
- Decision point if following is ready for WGLC?
  - 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-fac-interface-im-03
  - draft-hares-i2nsf-capability-data-model-03
Information Model & Data Model

Information model:

- draft-ietf-i2nsf-capability-00
- draft-xia-i2nsf-security-policy-object-01
- draft-kumar-i2nsf-client-facing-interface-im-05
- draft-hyun-i2nsf-registration-interface-im-04
- draft-zhang-i2nsf-info-model-monitoring-05

**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