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
  - 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
  - Presenter: Jinyong Tim Kim
  - 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:

- draft-ietf-i2nsf-capability-00
- draft-xia-i2nsf-security-policy-object-01
- draft-hyun-i2nsf-registration-interface-im-02
- draft-hyun-i2nsf-registration-interface-dm-02
- draft-zhang-i2nsf-info-model-monitoring-04
- draft-kumar-i2nsf-client-facing-interface-im-03

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-kim-i2nsf-nsf-facing-interface-data-model-05
- draft-jeong-i2nsf-consumer-facing-interface_dm-03
- draft-hyun-i2nsf-registration-interface-dm-02
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