Interface to Network Security Functions (I2NSF)

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

Chairs:
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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/103/materials/agenda-103-i2nsf-01

• 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
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?
  - 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:

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

- 15:40-15:50 - Agenda bashing, blue sheets, and Note Well, Document status
- 15:50-15:55 I2NSF Hackathon Project - Jaehoon Paul Jeong
  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)
- 16:45-17:00:45 Individual 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