

Interface to Network Security Functions (I2NSF)

IETF 96, Thursday July 21, 2016, 16:20-18:20

Chairs:

Linda Dunbar <linda.dunbar@huawei.com>

Adrian Farrel <adrian@olddog.co.uk>

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Administrivia

- Charter:
<http://datatracker.ietf.org/wg/i2nsf/charter/>
- Mailing List:
<https://www.ietf.org/mailman/listinfo/i2nsf>
- Minutes Taker: Frank Xia, Sue Hares
- Jabber Scribe: Diego Lopez
- Blue Sheets
 - Please fill them in and circulate
 - They are now scanned and published online

Reminders

- Agenda
 - <https://tools.ietf.org/wg/i2nsf/agenda>
- Meeting materials, slides, audio streams
 - <http://tools.ietf.org/agenda/96/>
- Minutes Takers (Etherpad):
 - <http://etherpad.tools.ietf.org:9000/p/notes-ietf-96-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

Agenda

- 30 minutes status of WG and progress of WG documents
 - [draft-ietf-i2nsf-problem-and-use-cases-01](#) (update to reflect comments from Kathleen)
 - [draft-ietf-i2nsf-gap-analysis-02](#)
 - [draft-ietf-i2nsf-framework-02](#) (reflected the discussion notes from IETF 95)
 - [draft-ietf-i2nsf-terminology-01](#) (need 15 minutes to reach consensus for the following terminologies:
 - capability interface; capability layer; service interface; service layer
 - Requester vs.. Client facing interface ; Controller facing interface vs.. NSF facing interface,
- 15 minutes requirements, selection of protocols (and security considerations)
 - draft-kumar-i2nsf-controller-northbound-framework (Rakesh Kumar – 15 min)
- 70 minutes information & data model discussion
 - Service Requester facing interface (was Client facing interface) – 30 min
 - [draft-mglt-i2nsf-ssf-collaboration-00 \(Flow Policy between Cloud network and Provider network\)](#)
 - [draft-you-i2nsf-user-group-based-policy](#)
 - [draft-jeong-i2nsf-sdn-security-services-04](#)
 - [draft-kim-i2nsf-security-management-architecture-01](#)
 - NSF Facing interface – 40 min
 - [draft-baspez-i2nsf-capabilities-00](#)
 - [draft-xia-i2nsf-capability-interface-im-06](#)
 - [draft-hares-i2nsf-capability-yang-00 & draft-jeong-i2nsf-capability-interface-yang-00](#)
 - [draft-abad-i2nsf-sdn-ipsec-flow-protection-00](#): Rafa: IPSec policy exchange between Controller and network functions
 - [draft-you-i2nsf-user-group-policy-capability](#)
 - [draft-zhang-i2nsf-info-model-monitoring-01](#)
 - [draft-hyun-i2nsf-sfc-enabled-i2nsf-00](#)
 - [draft-pastor-i2nsf-vnsf-attestation-03](#)
- 5 minutes other drafts and discussions

Milestones to Resolve Soon

Jun 2016 Adopt requirements for extensions to protocols as WG document

- It's possible we will decide that no protocol extensions are needed (and so drop this milestone)
- It is possible we will need to develop detailed requirements
- How will we reach that decision?
 - draft-ietf-i2nsf-gap-analysis
 - Various problem statements and solutions drafts
- Need to start to pull something together now

Jun 2016 Adopt examination of existing secure communication mechanisms as WG document

- Has anyone started anything here?
- How shall we move this deliverable forward?

Jun 2016 Adopt info model as WG document (if desired)

- Is there any interest in this?
- It's OK if the answer is no and we can move straight on to...

Jul 2016 Adopt data models as WG document

- We have a number of drafts (some on the agenda today)
- Enough / too many / missing some?
 - Will need to consolidate, agree and move forward

Future Milestones

- | | |
|----------|---|
| Aug 2016 | WG decides whether to progress adopted drafts for publication as RFCs (use cases, framework, information model, and examination of existing secure communication mechanisms) |
| Aug 2016 | Adopt applicability statements as WG Document |
| Oct 2016 | Adopt IANA registry consideration as WG document |
| Apr 2017 | 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 |
| Apr 2017 | Data Models and Applicability Statements to IESG for publication |
| Oct 2017 | Working group re-charter or close |

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