Interface to Network Security Functions (I2NSF)

IETF 95, Thursday April 7, 2016, 17.30

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 Takers:

- Jabber Scribe:

- 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/95/
- 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

--- Chairs' Bit ---

Administrivia - Chairs - 5 minutes [5/120]

Working Group status and progress on milestones - Chairs - 5 minutes [10/120]

--- Working Group Drafts ---

Problem Statement and Use Cases

- Sue Hares - 7.5 minutes [17.5/120]

    draft-ietf-i2nsf-problem-and-use-cases-00

    - Open issues

    - Next steps and plans

Gap Analysis

- Sue Hares - 7.5 minutes [25/120]

    draft-ietf-i2nsf-gap-analysis-00

    - Open issues

    - Next steps and plans

Agenda 2 of 3

--- Drafts for Immediate Milestones ---

Terminology - John Strasner - 14 minutes [39/120]
   draft-hares-i2nsf-terminology-00

Framework - Diego Lopez - 10 minutes [49/120]
   draft-merged-i2nsf-framework-05

Preliminary poll for adoption - Chairs - 1 minute [50/120]

--- Interfaces and Information Models ---

Capability Interface Information Model - Frank Xia - 10 minutes [60/120]
   draft-xia-i2nsf-capability-interface-im-04

User-group-based Security Policy for Service Layer - John Strassner - 10 min [70/120]
   draft-you-i2nsf-user-group-based-policy-01

Information Model for Security Policy Exchange - Luyuan Fang - 10 mins [80/120]

Agenda 3 of 3

--- Monitoring related subjects --

Information Model for Monitoring NSFs - Dacheng Zhang - 8 minutes [88/120]
    draft-zhang-i2nsf-info-model-monitoring-00

--- Other Work ---

Remote Attestation Procedures for Virtualized NSFs - Diego Lopez - 8 minutes [96/120]
    draft-pastor-i2nsf-vnsf-attestation

SDN-Based Security Functions - Jaehoon (Paul) Jeong - 8 minutes [104/120]
    draft-jeong-i2nsf-sdn-security-services-04

I2NSF Data Flow Requirements & Secure Session Layer Services - Sue Hares - 8 minutes [112/120]
        draft-hares-i2nsf-mgtflow-reqs
        draft-hares-i2nsf-ssls-00

Security alerts over the first MILE - Robert Moskowitz - 8 minutes [120/120]
        draft-moskowitz-firstmile

Immediate Milestones

Nov 2015   Adopt use Cases, problem statement, and gap analysis as WG
    document
- Adopted three things as two drafts ⚔
    - draft-ietf-i2nsf-problem-and-use-cases
    - draft-ietf-i2nsf-gap-analysis
- Two months late ⊣
- Need to keep up momentum (on the agenda for this meeting)

Feb 2016   Adopt framework as WG document
- Overdue ⊣
- Previously blocked while we resolved terminology
- Two candidate documents now available ⚔
    - draft-hares-i2nsf-terminology
    - draft-merged-i2nsf-framework
- Need to get them ready for adoption (on the agenda for this meetin
    g)

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 mile stone)
- 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
  - draft-hares-i2nsf-mgtflow-reqs?

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