Interface to Network Security Functions (I2NSF)

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

Chairs:
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Note Well

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  – Any IETF working group or portion thereof
  – Any Birds of a Feather (BOF) session
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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):

• 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

<table>
<thead>
<tr>
<th>Date</th>
<th>Event Description</th>
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<tbody>
<tr>
<td>Aug 2016</td>
<td>WG decides whether to progress adopted drafts for publication as RFCs (use cases, framework, information model, and examination of existing secure communication mechanisms)</td>
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<tr>
<td>Aug 2016</td>
<td>Adopt applicability statements as WG Document</td>
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<tr>
<td>Oct 2016</td>
<td>Adopt IANA registry consideration as WG document</td>
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<tr>
<td>Apr 2017</td>
<td>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</td>
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<tr>
<td>Apr 2017</td>
<td>Data Models and Applicability Statements to IESG for publication</td>
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<tr>
<td>Oct 2017</td>
<td>Working group re-charter or close</td>
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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