draft-ietf-i2nsf-framework-04
November 2016

Diego Lopez (diego.r.lopez@telefonica.com)
Edward Lopez (elopez@fortinet.com)
Linda Dunbar (linda.dunbar@huawei.com)
John Strassner (John.sc.Strassner@huawei.com)
Rakesh Kumar (rkkumar@juniper.net)
Major Components of I2NSF

Consumers express and monitor security policies for their specific flows.

Controllers specify and monitor a number of attributes registered by NSF developers.

NSF developers register their available security functions and the attributes that can be dynamically set by third parties.

Developer’s Management System
Major Components as Shown in the Draft

- I2NSF User (e.g., Overlay Network Mgmt, Enterprise network Mgmt, another network domain's mnt, etc.)
- Consumer-Facing Interface
  - Network Operator Mgmt
  - Security Controller
  - Registration Interface
    - < ---------------- >
      - Developer's Mgmt System

NSF-Facing Interface

- NSF-Facing Interface
  - NSF-1
  - ... | NSF-m
  - NSF-1
  - ... | NSF-m
  - ...
Changes in This Version

• Align draft structure, text and diagrams with latest agreements on terminology
  – Interface naming
  – Acronyms and definitions
    – The ‘developer’ vs ‘vendor’ issue not completely solved
• Consensus on attestation requirements and mutual authentication
  – Relaxing the original requirements
  – AAA matters out of scope
  – Some other aspects of the attestation draft could be incorporated
• Better alignment of vNSF considerations
  – No more “sub-controllers” but a matter of internal NSF implementation
• Comments received on the list
  – Gabi...
• Updated text flow
  – According to XML2RFC most recent version
  – References
    – Some pruning and grafting may be still needed
• Trimmed list of authors
  – According to the usual RFC practices
  – Contributors acknowledged
What Comes After

• Decide what to do
  – Incorporation of parts from drafts on gap analysis, attestation, requirements...
  – In agreement with the WG publication plan
• Pruning and grafting
  – Other potential sources in some of the existing drafts
  – The issue on ‘developer’ and ‘vendor’
  – And a (final) assessment on the structure
    • Would we require some fresh eyes?
• Go for WG last call
  – Shall we stay informational?