Update on draft-ietf-opsec-v6-10.txt

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Issues Fixed from June 2016 Threads

- Grammar issues and spelling errors corrected
- Added links to provide more explicit references
- Consistent uppercase/lowercase used for acronyms
- Corrected a reference in Section 5 (RFC6092 in place of RFC7084)
- Updated all references to latest documentation versions
- Explicit language added to replace any TBDs
New Extension Header Text (2.2)

• Herd mentality of dropping packets with extension headers will break end-to-end connectivity

• Added explicit text to show that EH is used in operational networks
  – EH operational aspects
  – Order and Repetition
  – Hop by Hop EH
    • DoS/DDoS Aspects
  – Fragmentation EH
    • Stateless filtering bypass
External Security Considerations (3.1)

• Added specific language to address current WIP on EH filtering as well as the new language in this draft
  – “Filter specific extension headers by accepting only the required ones (white list approach) such as ESP, AH (not forgetting the required transport layers: ICMP, TCP, UDP, ...) , where possible at the edge and possibly inside the perimeter; see also [I-D.gont-opsec-ipv6-eh-filtering]”
  – “Filter packets having an illegal IPv6 headers chain at the perimeter (and possible inside as well), see Section 2.2”
Next Steps

• Thank you Markus and Fred for extensive review in June 2016
• Ready for Last Call?