Draft Geneve update

IETF 100, NVO3 WG meeting, Singapore

Geneve Authors

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Nov 15, 2017

Draft Geneve -05 update

- Draft Geneve was updated on Sep 13th with the following changes based on WG discussions and DT recommendations
  - draft-ietf-nvo3-geneve-05

  - Section 3.2: Added clarifications on the use of Critical options bit, helpful in options processing in HW
  - Section 4.1.1. Added additional description on best practices to prevent fragmentation and an informative reference to PWE3 that provides similar recommendations on fragmentation
  - Updated References (multiple sections)

Comments on mailing list discussion

- Alternate marking proposal for performance measurements
  - Use Geneve extensibility for performance measurement or similar use cases
  - Also Options are not constrained, hence such proposals can independently evolve as an extension (e.g. IOAM)
  - Feedback from WG and consensus needed before effecting a change

Next Steps

- Working to add additional description on security best practices to the security considerations section (6)