# Geneve WG Last Call Update

IETF 104 Prague, NVO3 WG meeting

Editor's report

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# Draft Geneve WG Last Call Update

- Draft Geneve was updated to address the
  - WG Last Call comments, TSVART early review,  and SECDIR early review
  - See latest draft-ietf-nvo3-geneve-13
- We addressed all comments to the satisfaction of commenters except for two comments as noted below:
  - Daniel Migault's comment on option handling. We have updated text in draft-13 to restate the requirement on options processing to provide better clarity
  - Another comment from Daniel for clarification on transit devices. We have provided sufficient clarification on the behavior of transit devices, and we believe there are no issues with the definition of transit devices

# WG LC Comments (1)

- TSVART early review
  - Added applicability statement and reference to UDP usage guidelines RFC 8085
  - Updated text to address data integrity and checksum usage guidelines for IPv4 & IPv6
  - Added text on usage of Geneve in traffic managed controlled environment (TMCE) as outlined in RFC 8086
  - Added text on guidelines to minimize or address IP fragmentation
- SECDIR early review
  - Updated text on options interpretation by transit devices
  - Added clarifying text to security considerations section
  - Clarified reserved bit handling

# WG LC Comments (2)

Comments themes

- Added or modified text to clarify options processing and checking
- Interpretation of options by transit devices, we added clarifying text on the role of transit devices
- Updated Security Considerations section – added text for clarity and removed redundant text for better readability
- Addressed few editorial comments

# WG LC Comments (3)

Comments themes

- Updated guidance for TTL handling – RFC 2003 provides guidance and this model is recommended for use with Geneve
- Provided informative reference to RFC 8293, multicast handling in network virtualization overlays
- Clarified the O bit usage, text to clarify that this bit is used to indicate cOntrol messages between NVEs
- Updated reference in IANA section to RFC 8126 (from RFC 5226)
- Option class assignment – Clarified that we have a range for IETF Review and a range with lenient policy, First Come First Served

# Next Steps

- We believe the draft is ready for IESG review