Geneve WG Last Call Update

IETF 103 Bangkok, NVO3 WG meeting
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Editor’s report

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Draft Geneve-08 WG Last Call Update

• Draft Geneve was updated on Oct 07, 2018 for WG Last Call
  • draft-ietf-nvo3-geneve-08
  • Addresses previous comments on Security Considerations section

• The Chair called for WG Last Call: Oct 09-26, 2018

• We received comments during WG Last Call and responded to those comments with proposed text to address those comments

• The Chair requested an early review by Security Directorate – The feedback was positive, “The document is written in a clear manner and with a thorough Security Considerations section.”
  • We had a few comments from the review and we proposed text to address those comments
Comments themes

• 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

• Update reference in IANA section to RFC 8126 (from RFC 5226)

• Suggestion on Option Class assignment – clarified that we have a range for IETF Review and a range with lenient policy, First Come First Served

• Clarification on O bit usage – we proposed text to clarify that this bit is used to indicate control messages between NVEs, and remove reference to OAM
WG LC Comments (2)

Comments themes

• Clarification on options processing and checking – proposed clarifying text to address these comments

• Interpretation of options by transit devices – we have proposed text to clarify the responsibility of end points and transit devices in options generation and termination, and security considerations

• Clarification on Security Considerations section – we have proposed text to add clarifying statements and remove redundant text for better readability

• Clarification on reserved bits

• Few editorial comments
Next Steps

• We will be ready to publish an updated draft addressing WG LC comments in a week or two

• The draft should be ready for IESG review after addressing WG LC comments