

Two-Way Active Measurement Protocol (TWAMP) Data Model

draft-cmzrjp-ippm-twamp-yang-01

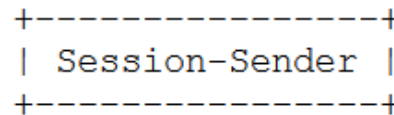
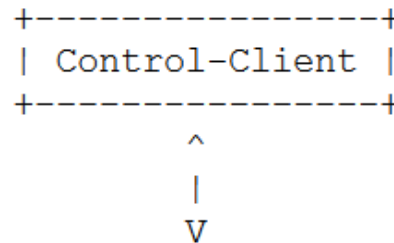
Ruth Civil, Al Morton, Lianshu Zheng, Reshad Rahman,
Mahesh Jethanandani, Kostas Pentikousis (Ed.)

IETF 93

Prague, Czech Republic

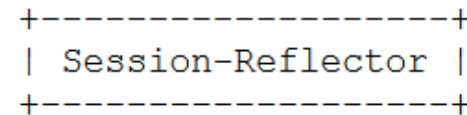
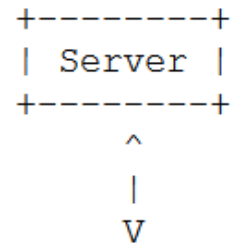
TWAMP Logical Model

[Fig. 3]



[Fig. 5]

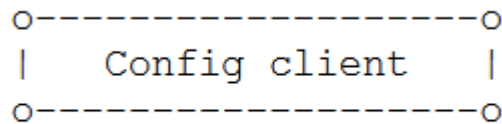
[Fig. 4]



[Fig. 6]

<-- TWAMP-Control -->

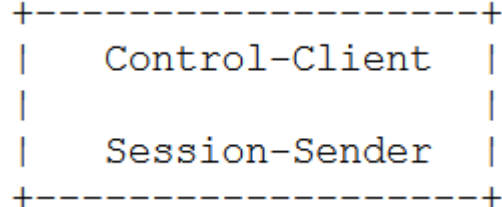
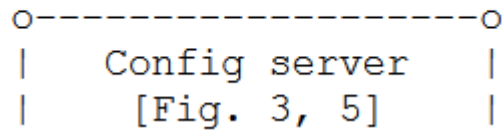
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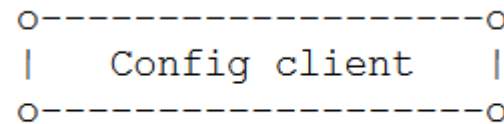
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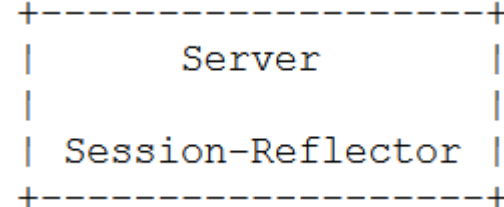
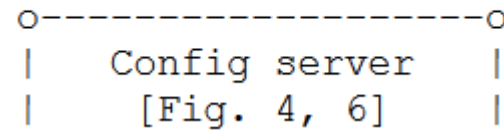
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Draft Updates since IETF 92 (-00)

- Updated UML, YANG, and data model descriptions
 - Data model now covers: RFC5357, RFC5618, RFC5938 and RFC6038. draft-ietf-ippm-metric-registry is also considered
 - Updated Appendix A (detailed examples)
 - Added Appendix B on TWAMP Operational Commands
- Editorial review, including
 - Migration from camelCase
 - Consistency checks
- Addressed the detailed, constructive and thorough review comments by Gregory Mirsky, Kevin D'Souza, and Robert Sherman

Way Forward

- The upcoming -02 will address few remaining comments that didn't make it before the cutoff, including:
 - admin state parameters for twamp-session-sender and twamp-session-reflector
 - change twamp-session-request:repeat to uint32 from boolean
- Feedback from WG during the meeting and on the mailing list

Towards WG Adoption

- The author team is close to completing its work on this individual draft
- We would like to ask for WG adoption
- We need a new milestone. Do we need an updated charter?
- Text from Charter:
 - “The work of the WG will take into account the suitability of measurements for automation, in order to support large-scale measurement efforts. This may result in further developments in protocols such as OWAMP and TWAMP.”
 - As argued in the draft text, a standardized TWAMP data model certainly increases automation/programmability and is particularly suited for large scale measurements. Is this sufficient?