

A One-way Active Measurement Protocol Requirements

draft-ietf-ippm-owdp-reqs-01.txt

draft-ietf-ippm-owdp-03.txt

Stanislav Shalunov, Ben Teitelbaum, Matt Zekauskas

52th IETF, Salt Lake City, IPPM WG, 2001-12-12

OWAMP: Talk contents

- Changes in `draft-ietf-ippm-owdp-reqs-01.txt`
- Changes in `draft-ietf-ippm-owdp-03.txt`
- Consensus on `draft-ietf-ippm-owdp-reqs-01.txt`?
- Relationship to IPMP
- Relationship to Emile Stephan's drafts
(`draft-stephan-ippm-mgmt-reqs-00.txt` and
`draft-stephan-ippm-mib-00.txt`) and RMONMIB work in general

diff draft-ietf-ippm-owdp-reqs-{00,01}.txt

Nothing really major, all changes are evolutionary fixes:

- Change name (OWDP → OWAMP) everywhere;
- New: Support for Measurements with Different Packet Types;
- Clarify (non-)requirements for application simulation;
- Clarify requirements regarding Poisson streams;
- Re-organize Security Considerations section;
- Many editorial changes, small and large.

diff draft-ietf-ippm-owdp-{02,03}.txt

Minor changes, document virtually frozen blocking on `draft-ietf-ippm-owdp-reqs-01.txt` acceptance and progress:

- Make only 0 and 1 valid values for `Accept` (to be able to add error codes at a later stage once we know what error codes are necessary);
- Minor editorial changes.

Consensus on draft-ietf-ippm-owdp-reqs-01.txt?

It doesn't look like there are any controversies with respect to the requirements document. The list has been relatively quiet. If you disagree, speak up now!

One thing that is left: The Name. Some are bothered by the presence of "One-Way" in the title. If we can come up with a better name (can we avoid TLAs, please?), it's still not too late to change the name. (Please send your suggestions to ippm@advanced.org.)

Relationship to IPMP

- What is the relationship between IPMP and OWAMP-Test?
- Tradeoff: to test the routers *vs.* to get co-operation and feedback from them
- Is IPMP a good thing and if so, should we enable measurements using it?
- If so, where should IPMP specification be? Separate RFC?

I would tend to think IPMP and OWAMP should be kept separate.

Relationship to **draft-stephan-ippm-mgmt-reqs-00.txt**

We need better understanding of the purpose and place of that draft.

- Are we talking about something to run on top of OWAMP-Control?
- Or, is it something that could be used to implement OWAMP-Control under the hood?
- Why do we need anything other than OWAMP-Test and OWAMP-Control? (The former lets us do measurements; the latter lets us set them up and get the results and provides authentication, integrity, etc. What else is there?)

Emile's presentation will follow this one...

Questions?

Authors:

- Stanislav Shalunov <shalunov@internet2.edu>
- Ben Teitelbaum <ben@advanced.org>
- Matt Zekauskas <matt@advanced.org>

Drafts:

- draft-ietf-ippm-owdp-reqs-01.txt
- draft-ietf-ippm-owdp-03.txt

Send your thoughts to ippm@advanced.org.