

# A One-way Active Measurement Protocol Requirements

`draft-ietf-ippm-owdp-reqs-04.txt`

`draft-ietf-ippm-owdp-05.txt`

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55th IETF, Atlanta, IPPM WG, 2002-11-19

## **draft-ietf-ippm-owdp-reqs-04.txt**

- Minor editorial changes from previous version
- Submitted to the IESG, no response communicated yet

## **draft-ietf-ippm-owdp-05.txt changes vs. -04**

- Changes are based on implementors' feedback
- Change 'retrieve' to 'fetch' in command name and terminology (implementors found 'retriever' and 'receiver' too similarly sounding)
- Introduce a versatile 'drum machine schedule'. Examples of use:
  - Exponentially distributed random and fixed delays;
  - Poisson stream: single slot with exponential delay
  - Periodic stream: single slot with fixed delay
  - Packet pair stream: two slots—fixed delay of 0 and exponential delay

## **draft-ietf-ippm-owdp-05.txt changes (cont.)**

- Explicit per-session timeout for deciding that a packet is lost
- Change time format to NTP plus additional two-byte accuracy indicator
- Use this format for every timestamp and every time duration
- Normalize different modes of OWAMP-Test
- Field name change: 'Zero Padding' to 'Integrity Zero Padding'
- Preserve reliable parts of sessions with ungraceful termination
- Include the whole Session-Request command in response to Session-Fetch

# Questions?

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Drafts:

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Send your thoughts to [ippm@advanced.org](mailto:ippm@advanced.org).