UDP Port Allocation for the Receiver Port in TWAMP

draft-mirsky-ippm-twamp-refl-registered-port-00

Greg Mirsky gregory.mirsky@ericsson.com

Muthu Arul Mozhi Perumal p.muthu.arul.mozhi@ericsson.com

Richard Foote footer.foote@nokia.com

What motivates this work

Massive IPPM measurements driven by:

- Widespread deployment of open servers;
- proliferation of Internet-of-Things devices, i.e. sensors

TWAMP Light may provide simple solution for devices to act as test points in the network when TWAMP-Control support is not available.

Impact of allocating registered UDP Port Number for TWAMP Receiver Port

- TWAMP-Control
  - it is backward compatible, Servers that don't support use of the registered UDP port for the Receiver Port will follow the negotiation procedure as described in Section 3.5 of RFC 5357

- TWAMP-Test
  - no impact on ability to exercise ECMP paths;
  - allocated value of UDP port may be used as default value for TWAMP Receiver Port. Thus it significantly simplifies configuration and management of TWAMP-Light test session.

Next Steps

- Review, questions, suggestions are most welcome
- WG adoption
- Early allocation?

Thank you!