UDP Port Allocation for the Receiver Port in TWAMP

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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!