Changes from -00

• Welcome Steve Baillargeon
• Title more accurately reflects subject
• Changed formats:

<table>
<thead>
<tr>
<th>S-DSCP</th>
<th>S-ECN</th>
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</table>

Sender DSCP and ECN field format

• S-DSCP-ECN follows S-TTL field in Reflected TWAMP Test packet in unauthenticated, authenticated and encrypted modes
• Thus if DSCP-ECN Monitoring and Symmetrical Size to be used, Padding Length for Session-Sender in unauthenticated mode MUST be >= 28 octets
Changes from -00 (cont.)

- Consideration of DSCP handling by Session-Reflector:
  - The Session-Reflector MUST extracts the S-DSCP-ECN value from the DSCP and ECN values of received packets;
  - The Session-Reflector MUST transmit each reflected test packet with DSCP set to the negotiated/provisioned value;
  - If the negotiated/provisioned DSCP value is not known (e.g. TWAMP Light), the choice of the DSCP is implementation specific. For instance, Session-Reflector MAY copy the DSCP value from the received test packet and set it as DSCP in a reflected packet.
• Consideration for TWAMP Light

Appendix I of [RFC5357] does not explicitly state how value of Type-P descriptor is synchronized between Session-Sender and Session-Reflector and whether different values are considered as an error condition and should be reported. We assume that by some means, e.g., CLI, Session-Sender and Session-Reflector of a given TWAMP-Test session informed to use the same DSCP value. Same means, i.e., configuration, could be used to inform Session-Reflector to support DSCP and ECN monitoring mode by copying data from received TWAMP test packets. Then Session-Sender may be informed to use Sender DSCP and ECN field in reflected TWAMP test packet.
Next steps

• Solicit comments & feedback from the WG
• WG adoption