Edge Behaviour Status

draft-ietf-pcn-cl-edge-behaviour-01.txt
draft-ietf-pcn-sm-edge-behaviour-01.txt
### A Winding Road ...

<table>
<thead>
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<th>Draft Version</th>
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</table>
| taylor -00 (Feb '09) | CLE estimate (based on smoothed rates)  
CL: est. e2e supportable rate  
SM: NM-rate | Periodic  
CL: When excess-marked packets received in interval  
SM: When CLE exceeds threshold |
| ietf -00 (Jul '09) | Admission state  
CL: est. e2e supportable rate  
SM: NM-rate | Threshold crossing  
CL: While in excess flow regime  
SM: When admission state is "block" |
| ietf -01 (Oct '09) | Admission state  
Est. e2e supportable rate | As for taylor -00 |
Discussion On- and Off-List

• For admission, do we convey state, CLE, or raw rates?
  • Suggested that for SM at least could use absolute level of CLE as part of admission decision – more important flows admitted at higher CLE values

• Do we report periodically or try to optimize?
  • Determines whether we need reliable transport.
  • Presumably an all-or-nothing decision – not aiming for different transport for large aggregates vs. small ones.

• Is smoothing an essential part of the behaviour or a detail left to the implementation?
  • Can smooth explicitly or by accumulation over intervals