

Edge Behaviour Status

draft-ietf-pcn-cl-edge-behaviour-01.txt
draft-ietf-pcn-sm-edge-behaviour-01.txt

A Winding Road ...

Draft Version	Report Content	When Reported
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