Congestion management interim

Notes on constraints & document structure

Mick Seaman
mick_seaman@ieee.org

Constraints – from Hugh's presentation

Will not require/depend upon/or constrain admission control or other preplanned bandwidth allocation
- except in as much as it uses priorities/traffic classes to segregate CM and non-CM traffic

Will not change the .1Q queue structures, or dictate the dispatch algorithms can be used

End-to-end, not link-by-link flow control exercised by end points (can be triggered from the middle), e.g. the BCN mechanism suggested qualifies

Constraints – from Norm's presentation

- Segregation by priority
  - allocation/recommendation of definite priority code points for CM controlled traffic in this environment

- Interoperability by definition of cloud/domain boundary
  - CM between MAC addressed

Document Architecture

- Robust
  - A place for everything, and for every comment

- Not just a stream of consciousness development
  - 'my idea' as early as possible comments

- See .1ag/.1AE etc. as examples

Document Architecture : CM end2end

- Amendment, chiefly added clauses

- Principles of CM (end-to-end) operation

- Protocol

- CM entity (interfaces, structure, detailed operation, state machines)

- MIB

- PDU formats

- CM in systems
  - interface stacks