



Capacity Draft IPPM Working Group

`draft-ietf-ippm-bw-capacity-03.txt`

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Purpose of the Draft

- Put discourse on a firm footing
- Give precise definitions
 - Even if not easily realizable by a measurement procedure
- NOT the purpose to define measurements
- Enable researchers who propose capacity metrics to relate those metrics to these definitions
 - Can clarify what measurement procedures DO measure
 - Evaluate those metrics with respect to how well they approximate these quantities



Status

- -03 Version made available 2006-06-23
- Some good discussion since last IETF
- Plan on addressing one final comment and then request working group last call



Changes Since Version -01

- Stress the role of the nominal physical link capacity
 - Provided as a means to distinguish between:
 - Commonly used link layer capacities
 - Definitions for IP layer capacity in this document
 - Does not influence the other definitions
 - Not necessarily fully static over time



Changes (continued)

- Clarified relationship of “Link” and “Path” with those in the ippm framework
 - Link is connection between two 'nodes'
 - Path is series of links connecting a sequence of 'nodes'
 - Framework makes intermediate nodes of a path routers.
 - Document allows intermediate nodes in a path to be devices other than IP routers



Changes (continued)

- Added a section stressing the importance of time and sampling when quantifying these definitions
 - Critical that time variables be reported with metrics
 - As measurements become more instantaneous (shorter intervals), important that the sample period increase
 - Must be cautious of sampling bias



Fin



Questions?