

draft-ietf-rmcat- eval-test

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Current status



WENT THROUGH WORKING
GROUP LAST CALL



GOT COMMENTS AND
REVIEWS



ADDRESSED THE
COMMENTS AND REVIEWS
IN -07 VERSION



Thanks

for all the reviews and comments

modifications

- ▶ New formula to calculate path capacity
 - ▶ Test case 5.1 and 5.2
 - ▶ When using background non-adaptive udp traffic to induce time-varying bottleneck , the physical path capacity remains at 4mbps and the udp traffic source rate changes over time as $(4 \times Y) \text{ mbps}$, where **Y is the path capacity ratio** specified in table 1

modifications

- ▶ Added expected behavior
 - ▶ Test case 5.7
 - ▶ **Expected behavior:** The candidate algorithm is expected to avoid flow starvation during the presence of short and bursty competing TCP flows, streaming at least at the minimum media bit rate. After competing TCP flows terminate, the media streams are expected to be robust enough to eventually recover to previous steady state behavior, and at the very least, avoid persistent starvation.
 - ▶ Test case 5.8
 - ▶ **Expected behavior:** During the period where the third stream is paused, the two remaining flows are expected to increase their rates and reach the maximum media bit rate. When the third stream resumes, all three flows are expected to converge to the same original fair share of rates prior to the media pause/resume event.

Modifications

- ▶ Updated security considerations
 - ▶ ~~Security issues have not been discussed in this memo.~~
 - ▶ **The evaluations of the test cases are intended to run in a controlled lab environment. Hence, the applications, simulators and network nodes should be well-behaved and should not be discussed impact the desired results. In case the evaluations are not done in this memo. a controlled environment, the security considerations in [I-D.ietf-rmcat-eval-criteria] and the relevant congestion control algorithms apply. It is important to take appropriate caution to avoid leaking non-responsive traffic from unproven congestion avoidance techniques onto the open Internet.**



NEXT step(s) ??