MQP Meeting minutes

Date and Time	Monday 7 April 2013 at 2:00 pm
Venue	Craig's Office
Participants	Curtis, Craig, Krishna, Dan

Item	**Notes and Discussion**
Catching up on testing	• Working well now. Current topology consists of two routers, a server, and a client. Can clone VMs to extend to N many routers. • Homegrown tc scripts which filter outgoing bandwidth on each VM across isolated interfaces (which are interconnected with static IP rules). • Plan to automate and do nightly runs.
Initial Performance	• Realized bandwidth comes close too twice that of • Have yet to implement an upper bound on buffer capacity on proxy. • Parameters to vary: Chunk size, number of routers, per link bandwidth (between routers).
Musings	• Try varying chunk size during each download (between some minimum and maximum). • /dev/random runs out of random numbers really quick. • Dynamically generate the download file on the fly? Or pregenerate a bunch of sizes? • Emulate chunk sizes up to 32 mb.