Lab 5: Congestion Control for Audio Streaming
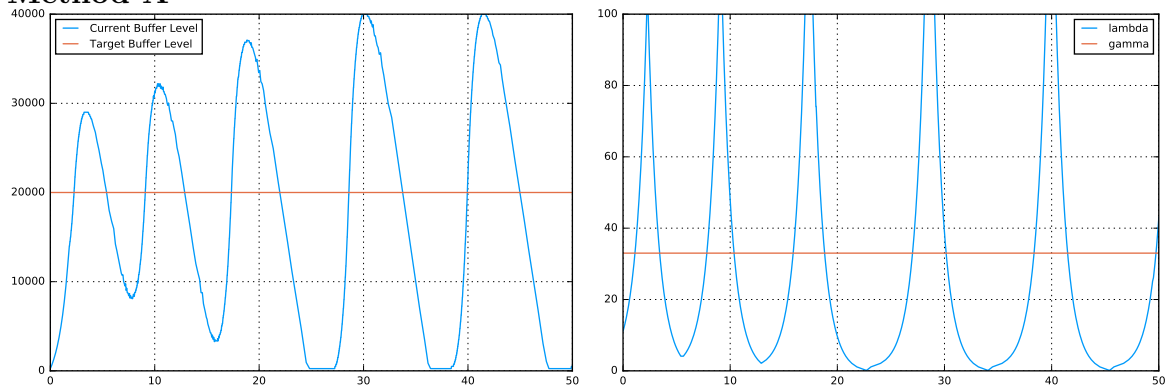
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CS536

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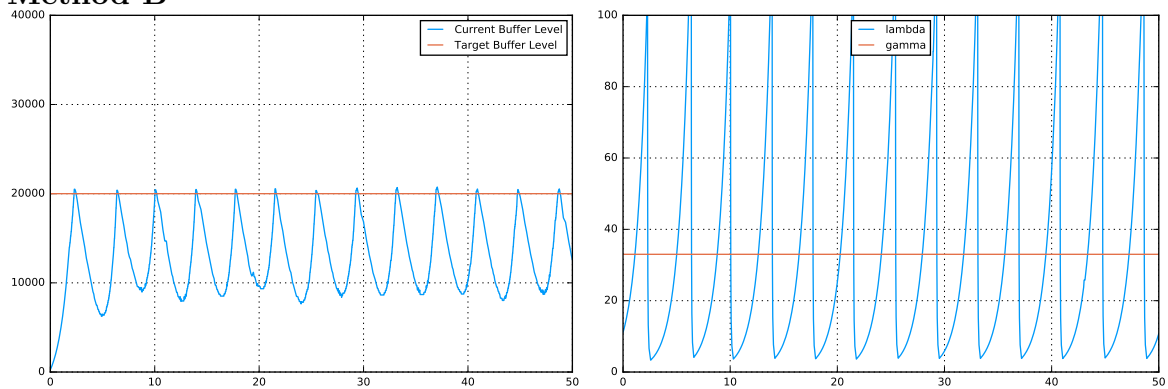
Problem 1.
As we discussed in class, method D has the best result. Below are plots for each method:
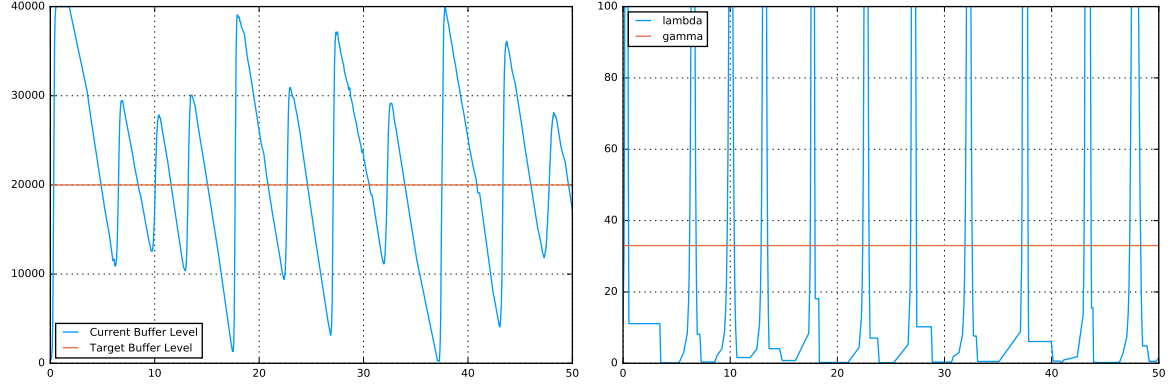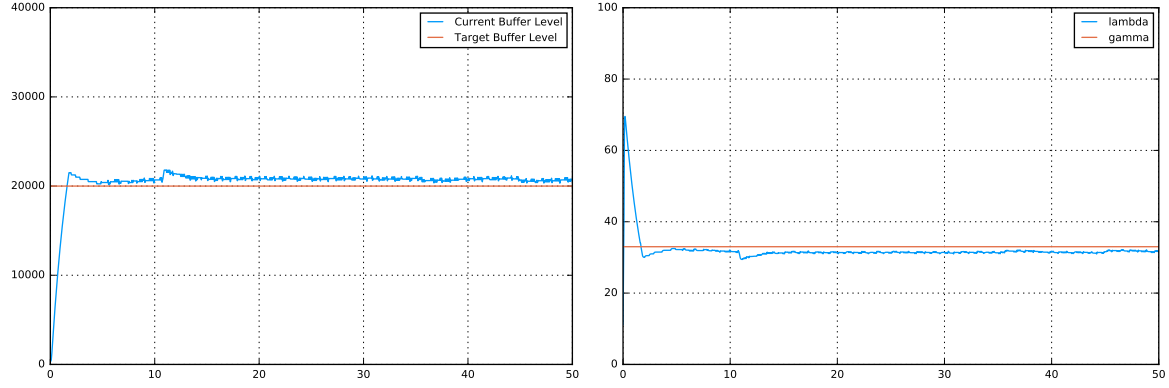
Method A

Method B

Method C

Method D $\lambda(t)$

Discussion: The plot is sample of first 50 seconds of 4 methods. The parameters we used are:

1. For method A, $a = 1$

2. For method B, $a = 1, \delta = 0.5$

3. For method C, $\epsilon = 0.001$

4. For method D, $\epsilon = 0.001, \beta = 0.5$

Method D has the best results and the streaming using method D seems to have better quality. Method B also has a decent streaming quality. For 2 clients, streaming server did not have any problem support both clients.