## **CS 305 Computer Networking - Lab6**

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## 1. Introduction

In lab 6.1, I use Chrome to load a dash resource and check the detail information in the developer tools.

In lab 6.2, I added two new functions based on lab 4.3. The code is in the attachment with necessary comments.

## 2. Results

1. There is a 'mdp' file named manifest.mpd as shown in the figure. Its description in mime is 'application/dash + xml'.

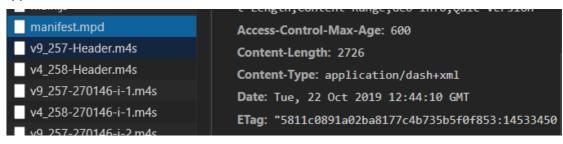


Fig.

2. There are 'm4s' files like the file in Fig.2. The length of it is 519944 bits. So the rate of it is 519944 bit / 374.03 ms = 1390.1 Kbps.

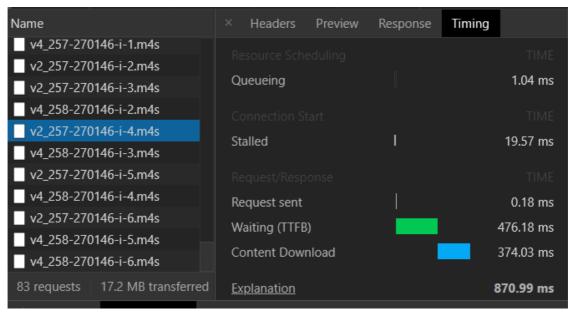


Fig.2

The rate changes. When downloading this file with length of 462280 bits, the rate is 462280 bit / 354.30 ms = 1304.8 Kbps.

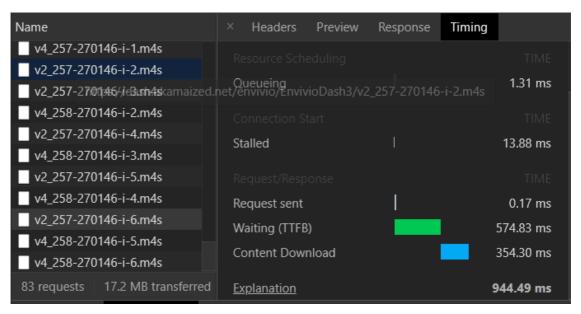


Fig.3

## 3. Summary

After this lab I learned the process of loading a video and how to calculate the rate.