

## Analysis of Network

CONSTANT PACKET SIZE VARIABLE FILE SIZE-

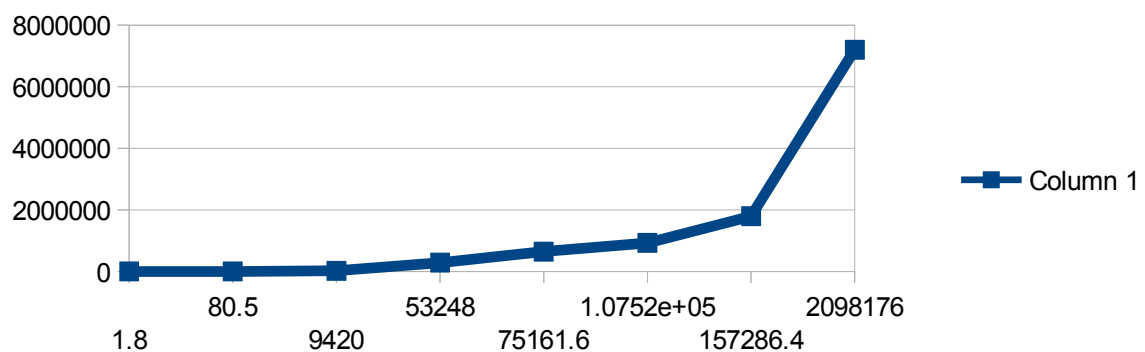
Test:Buffer Size 1150 bytes

File:50-200 MB

In this test different sizes of files were tested and download time was recorded.

FILE SIZE	TIME
1.8 KB	5.76 microsec
80.6 KB	2.692 msec
400 KB	22.341 msec
9.2 MB	288.6 msec
52MB	645.69 msec
73.4MB	929.523 msec
105 MB	1797.45 msec
153.6 MB	3358.555 msec
204.9 MB	7203.010 msec

Its found that as file size increases download time increases.



## 4.2 CONSTANT FILE SIZE VARIABLE PACKET SIZE-

Test-

File Size:153.6MB

Packet size:1150-700

1150	7203.010 msec
900	11083.2315 msec
700	19447.234 msec

It is found that time increases as packet size decreases.

