Disk Bandwidth – 43.160 MBps

Req /s - 21.58 req /sec

Network Bandwidth – 11.8 Mbps

Req /s – 5.9 req/sec

nload, iperf

2)

N throughput response time

1 5.21 187106.16

2 5.69 350764.56

5 5.74 872259.19

10 5.76 1740724.38

15 5.75 2612959.75

20 5.83 3479055.25

25 5.82 4326106.50

30 5.87 5173459.50

35 5.85 6055715.00

50 5.91 8629023.00

75 6.01 12847908.00

100 6.06 17146100.00

3)

N throughput response time

1 0.84 191724.88

5 3.78 330936.50

10 5.64 782096.56

15 5.77 1621714.12

20 5.78 2492712.50

25 5.80 3353809.25

30 5..81 4233555.00

4)

N throughput response time

1 5.39 174552.33

2 5.75 347241.81

5 5.77 867708.38

10 5.79 1735777.62

15 5.79 2600479.25

(i) **Maximum disk read bandwidth in server** - 43.160 MBps

**File size** – 2MB

**Approximate no of requests per sec that can be served** - 21.58 req /sec

**Commands used** – Ran the ‘disk.c’ program from Lab1 and measured the bandwidth

using iostat –x 1

(ii) **Maximum network bandwidth between the devices** – 11.8 MBps

**File Size** – 2MB

**Approximate no of requests per sec that can be served** – 5.9 req/sec

**Commands used** – iperf –s on server

iperf –c < I.P. of server > -i 2