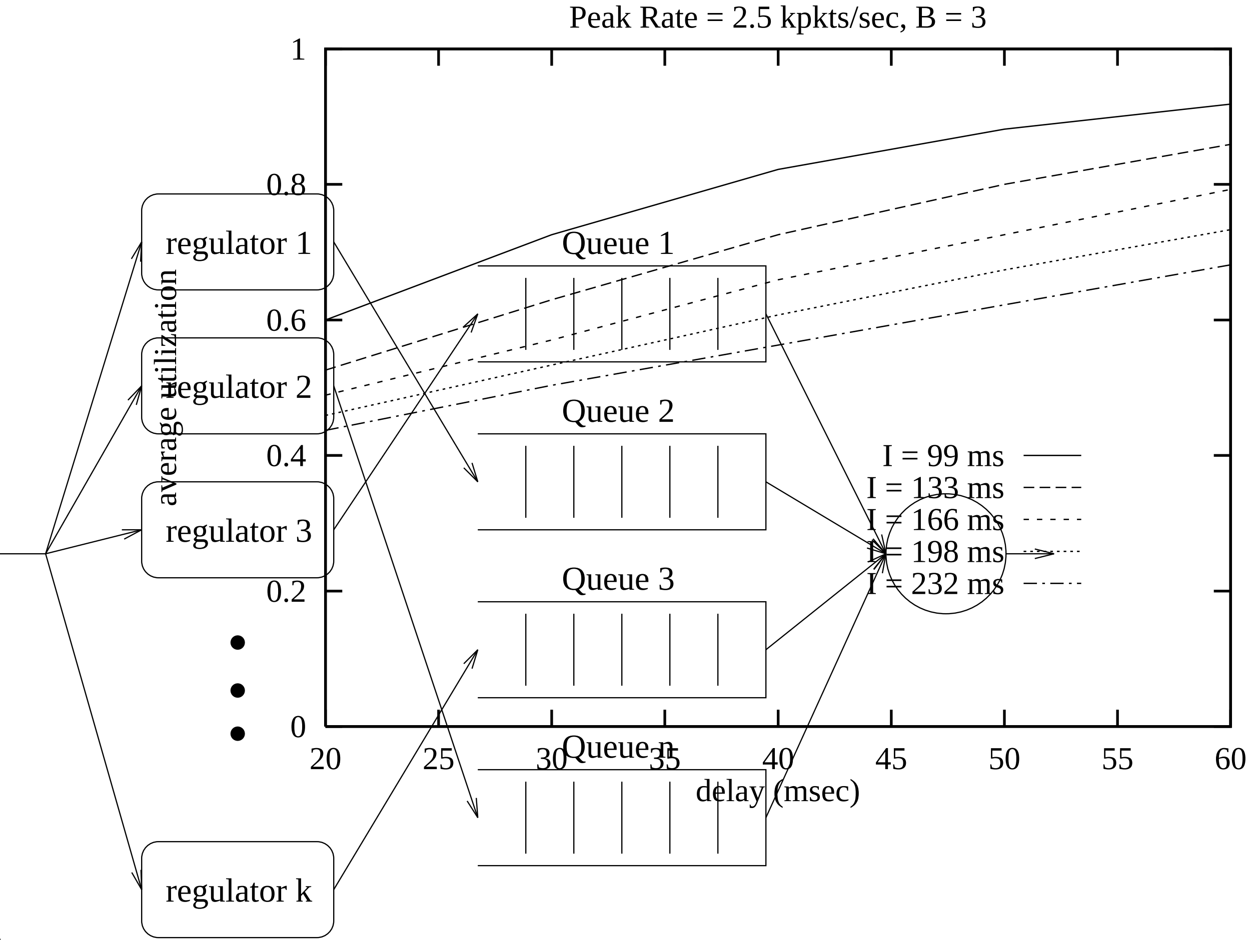
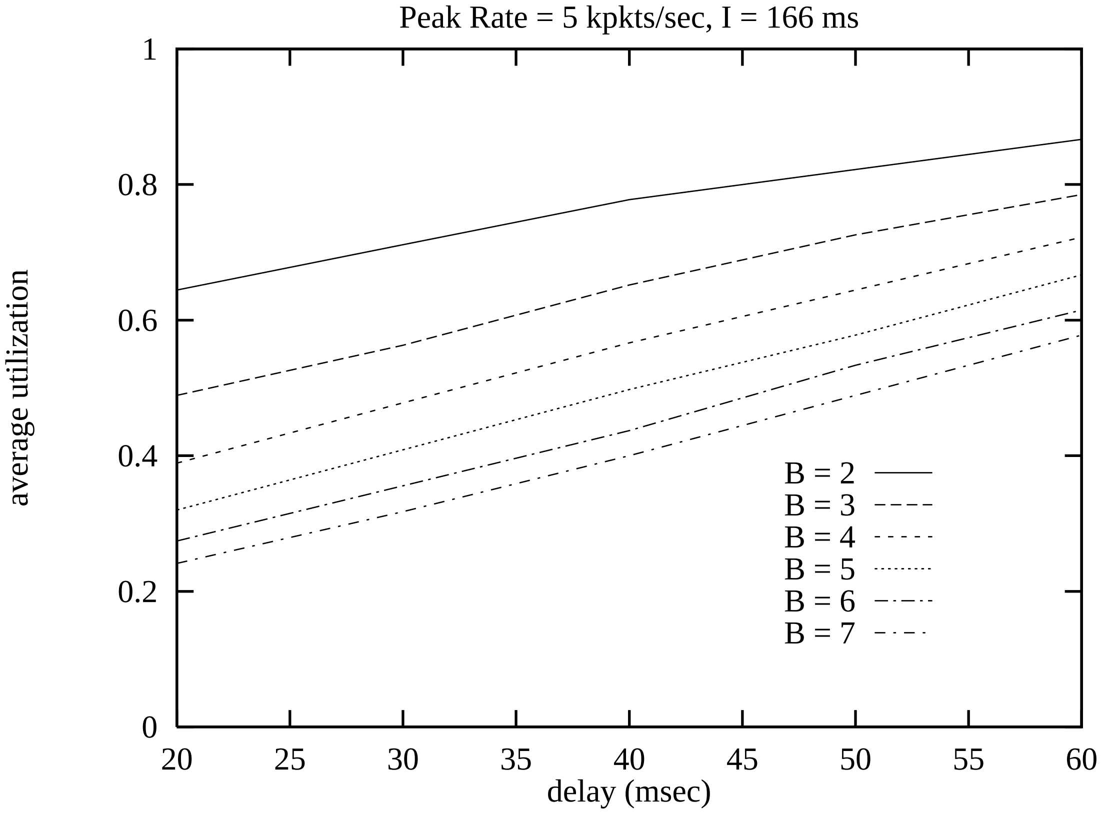
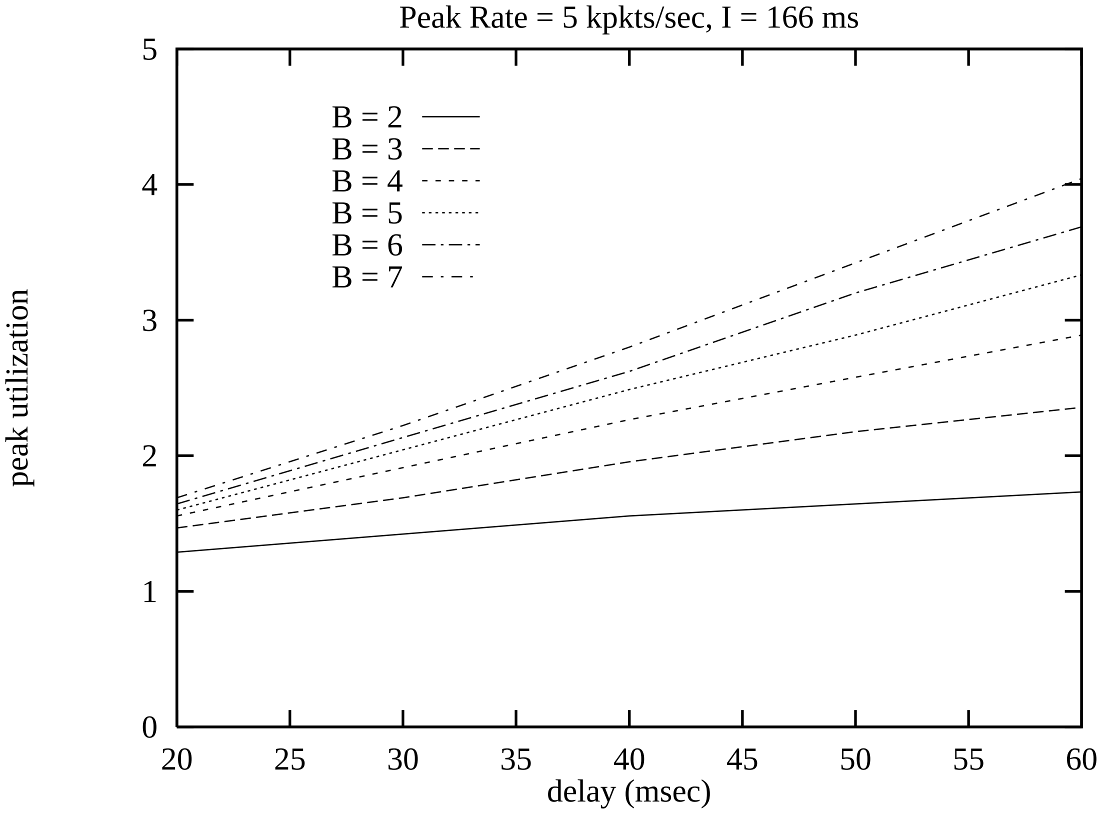
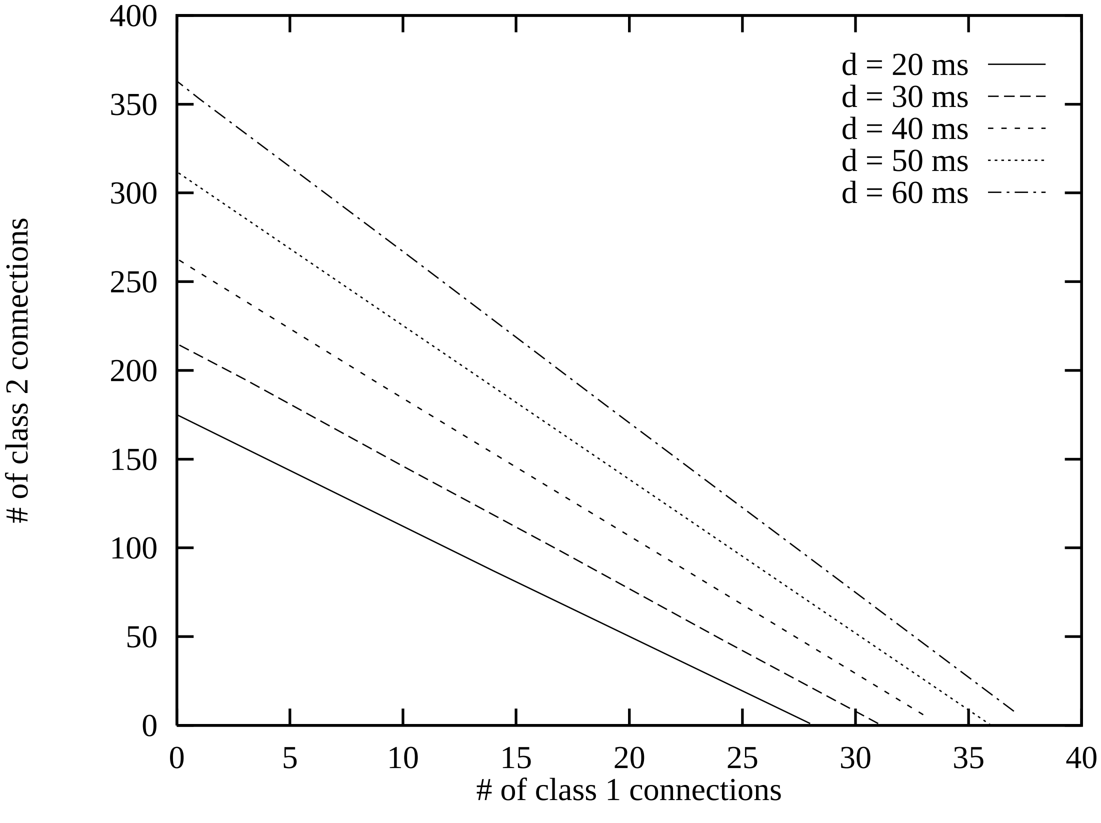
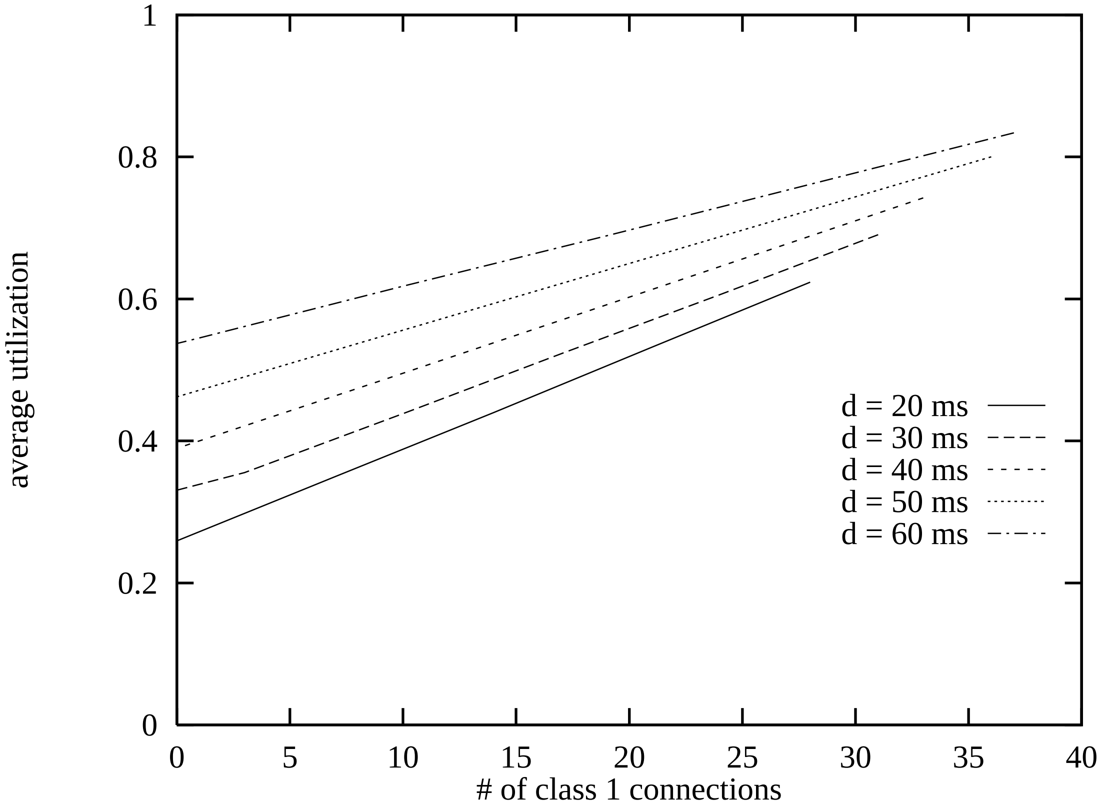
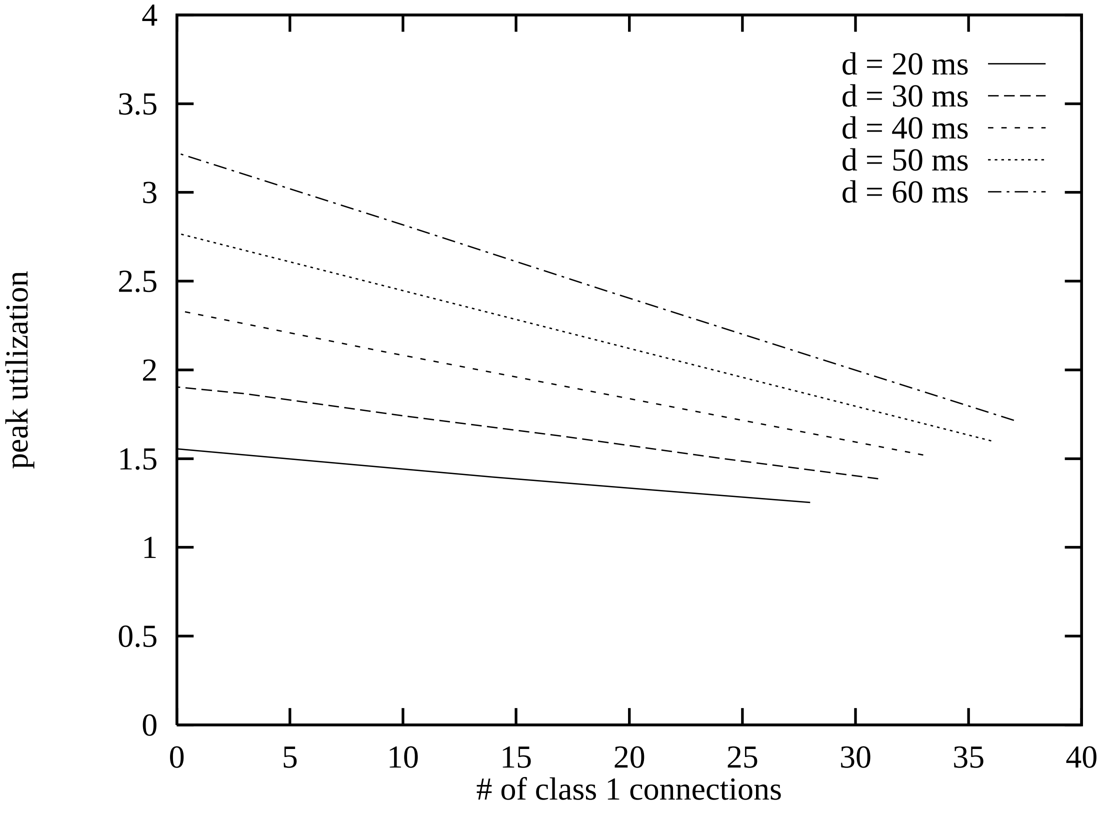

Peak Rate = 2.5 kpkts/sec, B = 3
average utilization
delay (msec)
0
0.2
0.4
0.6
0.8
1
20
25
30
35
40
45
50
55
60
I = 99 ms
I = 133 ms
I = 166 ms
I = 198 ms
I = 232 ms
regulator 1
regulator 2
regulator 3
regulator k
Queue 1
Queue 2
Queue 3
Queue n


Peak Rate = 5 kpkts/sec, I = 166 ms
average utilization
delay (msec)
0
0.2
0.4
0.6
0.8
1
20
25
30
35
40
45
50
55
60
B = 2
B = 3
B = 4
B = 5
B = 6
B = 7


Peak Rate = 5 kpkts/sec, I = 166 ms
B = 2
B = 3
B = 4
B = 5
B = 6
B = 7
peak utilization
0
1
2
3
4
5
20
25
30
35
40
45
50
55
60
delay (msec)


400
350
300
250
200
150
100
50
0
0
5
10
15
20
25
30
35
40
# of class 2 connections
# of class 1 connections
d = 20 ms
d = 30 ms
d = 40 ms
d = 50 ms
d = 60 ms


average utilization
0
0.2
0.4
0.6
0.8
1
0
5
10
15
20
25
30
35
40
# of class 1 connections
d = 20 ms
d = 30 ms
d = 40 ms
d = 50 ms
d = 60 ms


4
3.5
3
2.5
2
1.5
1
0.5
0
0
5
10
15
20
25
30
35
40
peak utilization
# of class 1 connections
d = 20 ms
d = 30 ms
d = 40 ms
d = 50 ms
d = 60 ms