Results of the Simulation Completed at: 13/05/2024 19:13:01

Overall Response Time Summary

	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	172.46	38.32	513.50
Data Center processing time:	7.89	0.13	25.10

Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB1	51.11	39.02	64.52
UB2	55.54	38.32	69.35
UB3	51.07	41.25	60.25
UB4	301.41	235.27	513.50
UB5	303.46	242.76	365.76
UB6	210.39	147.39	274.19

User Base Hourly Response Times

UB1

UB2

UB3

UB4

Response Time (ms)
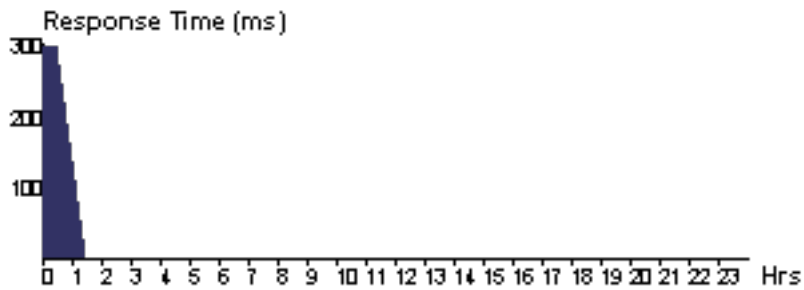
Response Time (ms)

UB5

Response Time (ms)

UB6

Response Time (ms)
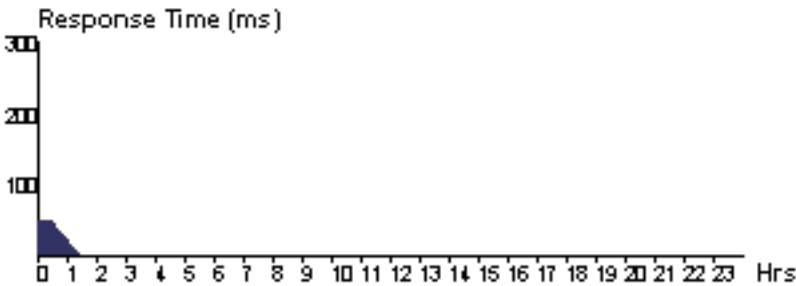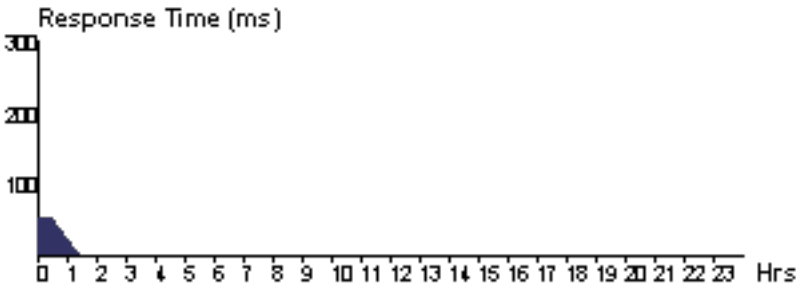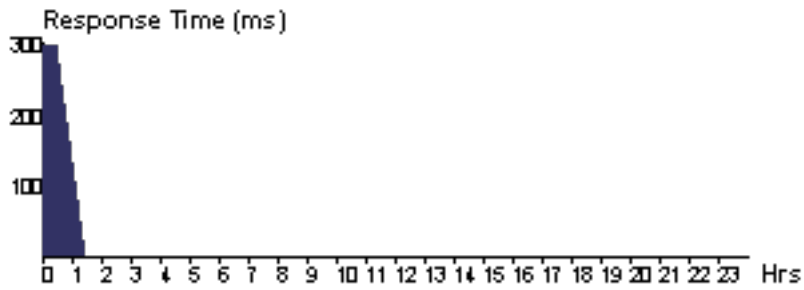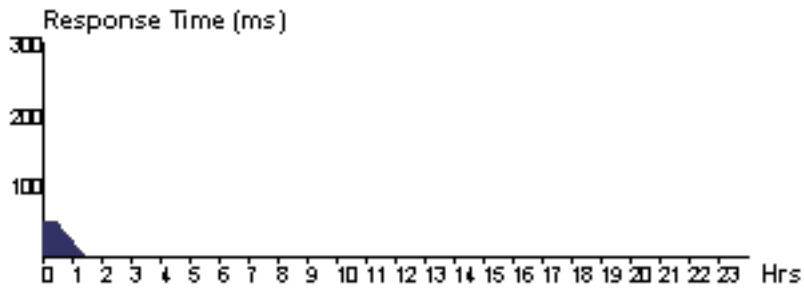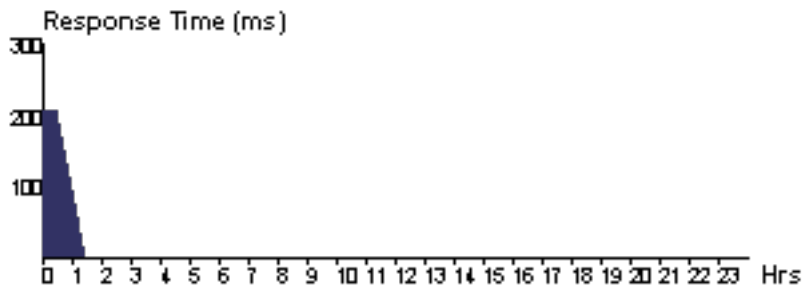
Data Center Request Servicing Times

Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1	9.19	0.21	25.10
DC2	5.90	0.94	11.52
DC3	1.49	0.13	3.25

Data Center Hourly Average Processing Times

DC1
DC2

Processing Time (ms)

9
8
7
6
5
4
3
2
1

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23   Hrs

Processing Time (ms)

9
8
7
6
5
4
3
2
1

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23   Hrs

DC3

Processing Time (ms)

9
8
7
6
5
4
3
2
1

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23   Hrs
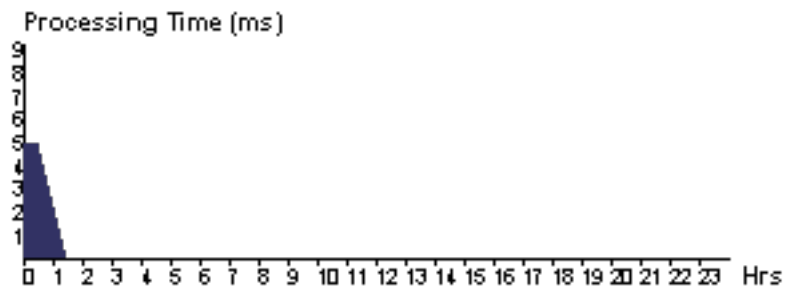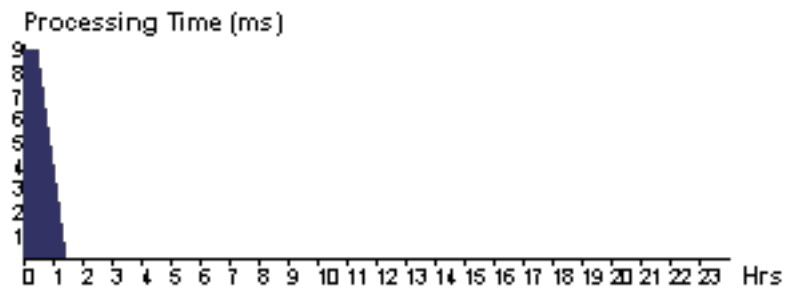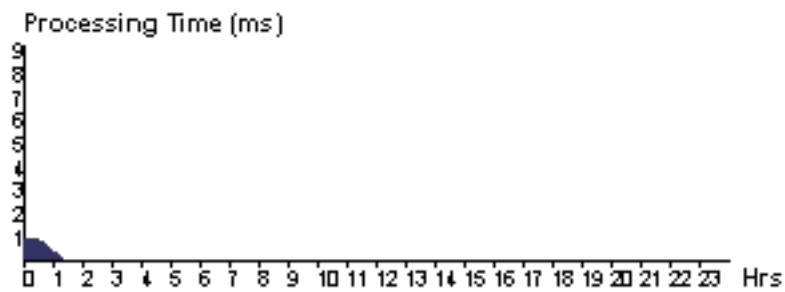
Data Center Hourly Loading

DC1

Req's per Hr

120,000
100,000
80,000
60,000
40,000
20,000

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23   Hrs

DC2

Req's per Hr

120,000
100,000
80,000
60,000
40,000
20,000

0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23   Hrs
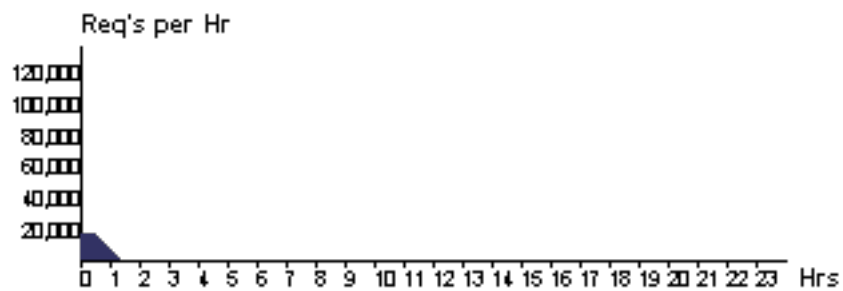
DC3

Req's per Hr
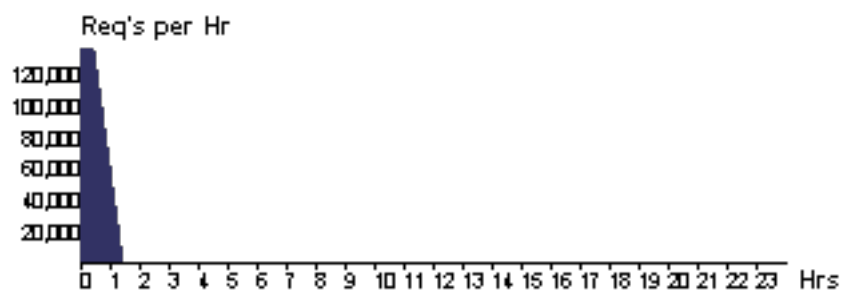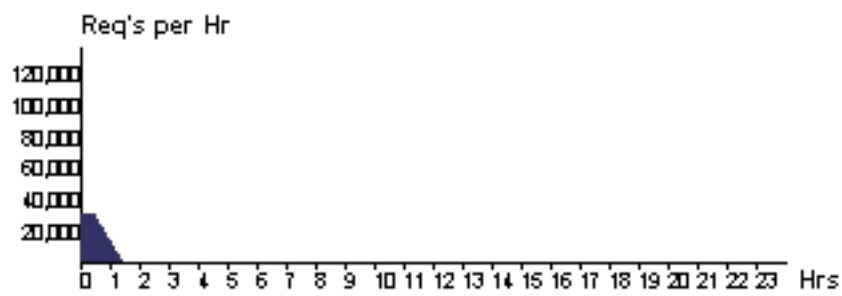
Cost

Total Virtual Machine Cost ($):	1.51
Total Data Transfer Cost ($):	1.95
Grand Total: ($)	3.45

Data Center	VM Cost $	Data Transfer Cost $	Total $
DC2	0.50	0.32	0.83
DC1	0.50	1.43	1.94
DC3	0.50	0.19	0.69