

Results of the Simulation Completed at: 18/01/2023 10:15:25

Overall Response Time Summary

	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	74.16	36.14	259.12
Data Center processing time:	0.43	0.01	1.04

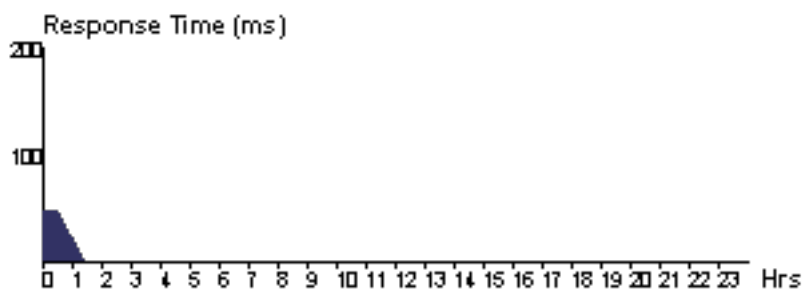
Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB10	50.20	40.63	59.89
UB11	50.11	39.91	63.40
UB12	200.45	153.12	244.12
UB13	50.01	39.11	61.60
UB14	49.75	38.40	60.64
UB15	50.07	39.62	60.88
UB16	50.03	39.88	60.39
UB17	50.15	38.90	60.15
UB18	200.49	160.06	255.12
UB19	50.04	40.84	61.36
UB1	50.05	39.36	60.61
UB20	50.16	40.40	59.65
UB21	50.20	39.13	59.88
UB22	50.13	40.88	61.57
UB23	50.11	40.65	58.66
UB24	200.07	161.12	249.12
UB25	50.26	40.82	61.36
UB26	50.31	37.89	61.15
UB27	50.29	40.38	62.88
UB28	50.63	41.13	63.64
UB29	50.23	39.40	64.90
UB2	50.11	37.64	64.64
UB30	199.46	155.11	247.12
UB31	50.29	38.61	59.86
UB32	50.17	36.14	60.91
UB33	50.06	40.13	61.39

UB34	50.04	37.63	62.14
UB35	50.11	38.89	61.15
UB36	200.80	159.12	244.11
UB37	50.19	41.11	62.87
UB38	49.99	39.15	59.64
UB39	50.35	39.63	61.13
UB3	49.96	39.38	62.38
UB40	50.22	39.64	62.39
UB41	50.17	40.19	63.67
UB42	200.64	147.11	255.11
UB43	50.08	39.81	60.11
UB44	50.03	38.65	61.41
UB45	50.34	40.63	58.14
UB46	50.32	37.39	61.39
UB47	50.23	39.90	63.15
UB48	200.85	155.11	259.12
UB49	49.95	38.85	60.36
UB4	49.86	38.88	60.88
UB50	50.01	38.64	59.38
UB5	50.30	39.94	60.33
UB6	199.79	153.11	248.11
UB7	50.04	38.86	60.61
UB8	50.02	38.39	62.15
UB9	50.57	41.13	61.13

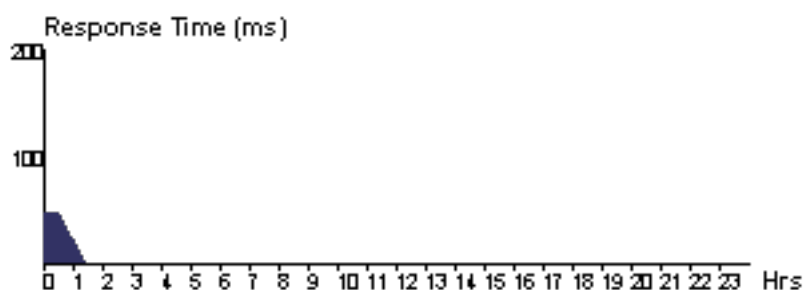
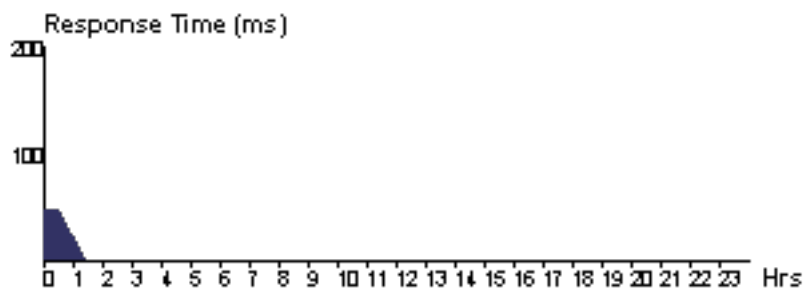
User Base Hourly Response Times

UB1

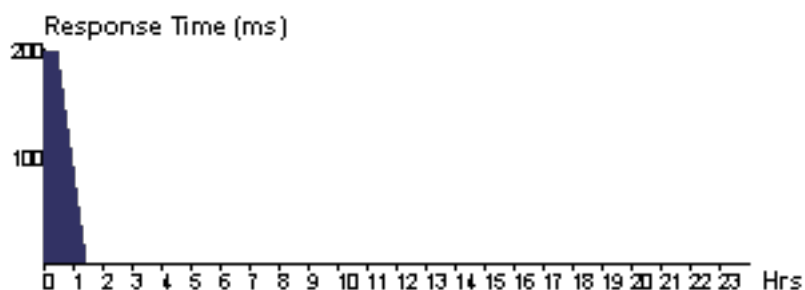


UB10

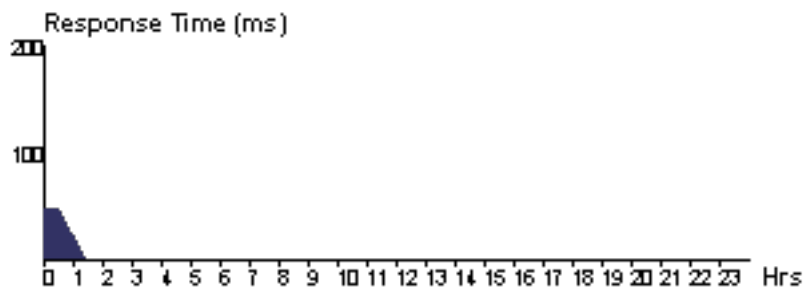
UB11



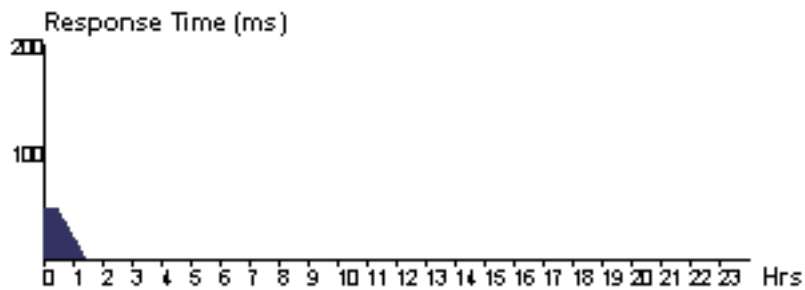
UB12



UB13

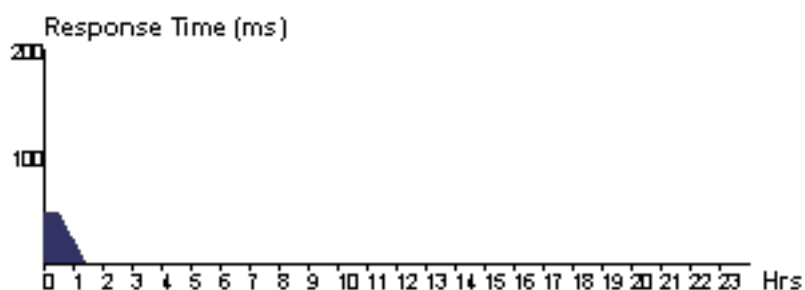
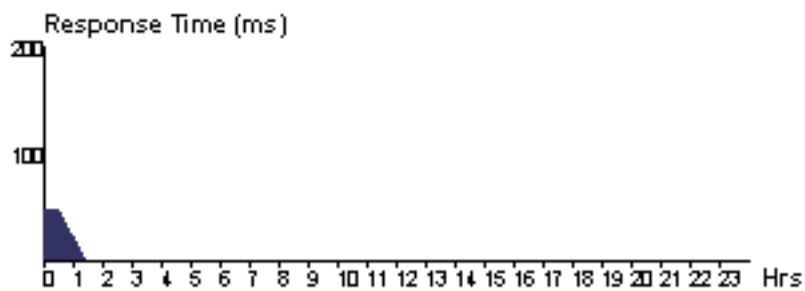


UB14

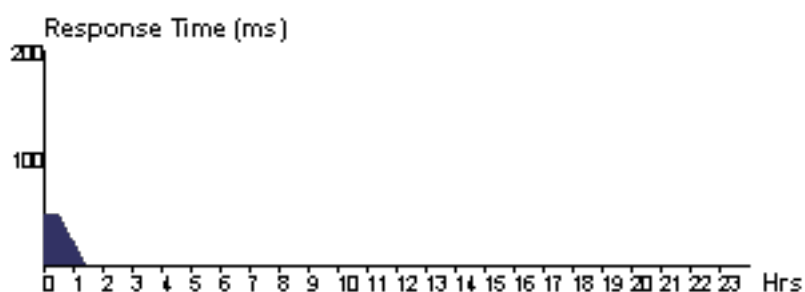


UB15

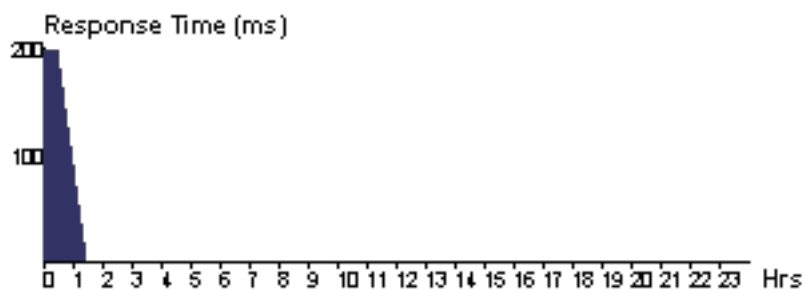
UB16



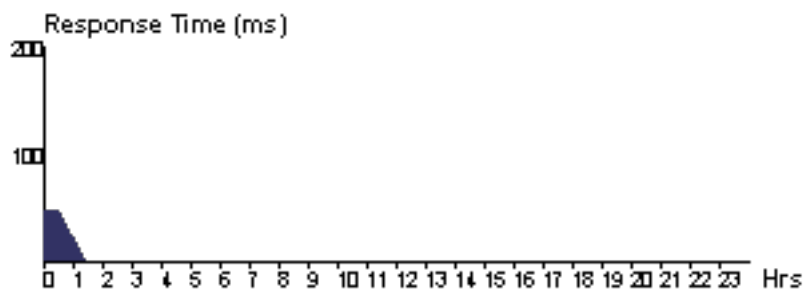
UB17



UB18

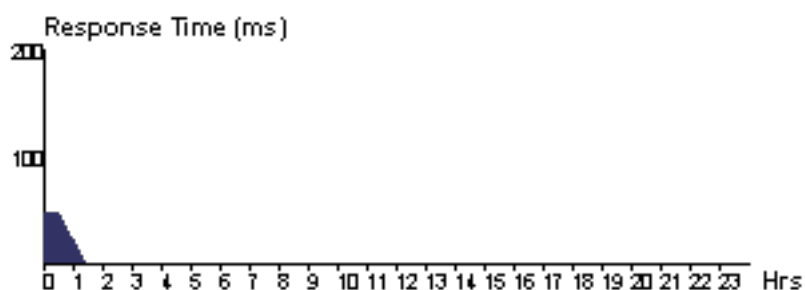
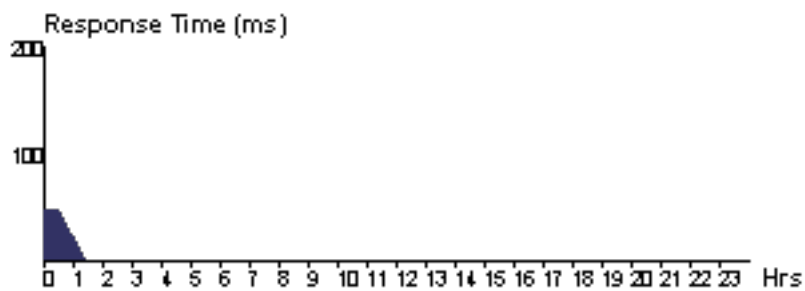


UB19

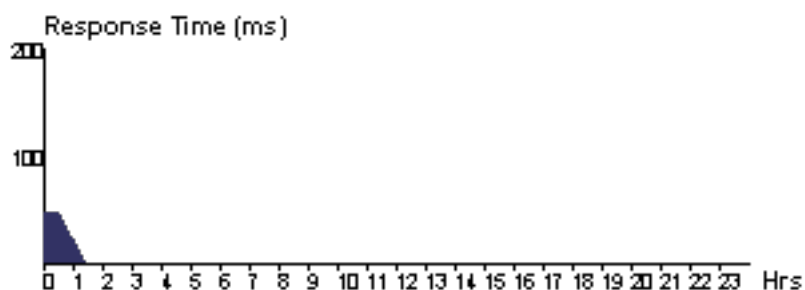


UB2

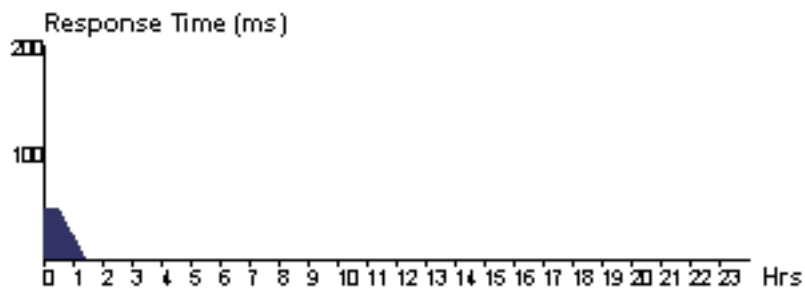
UB20



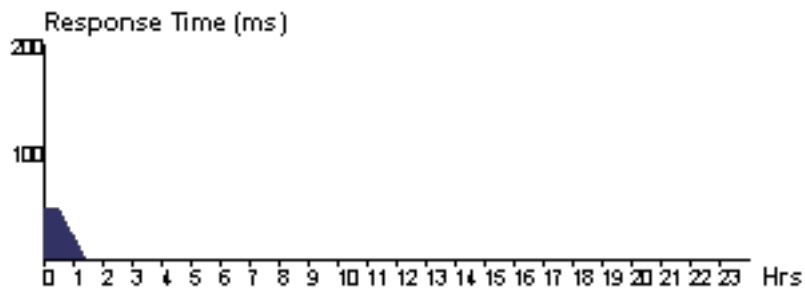
UB21



UB22

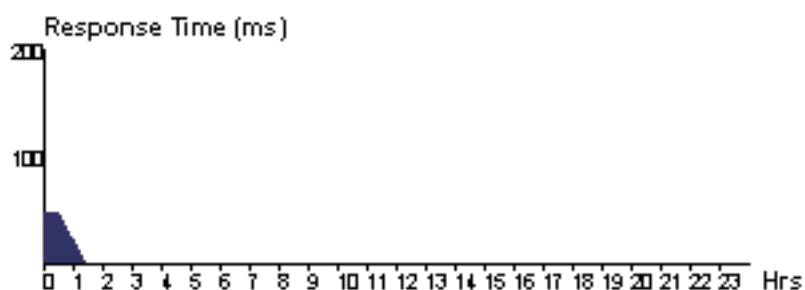
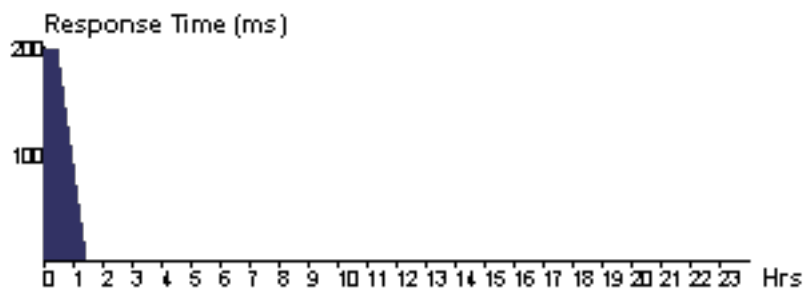


UB23

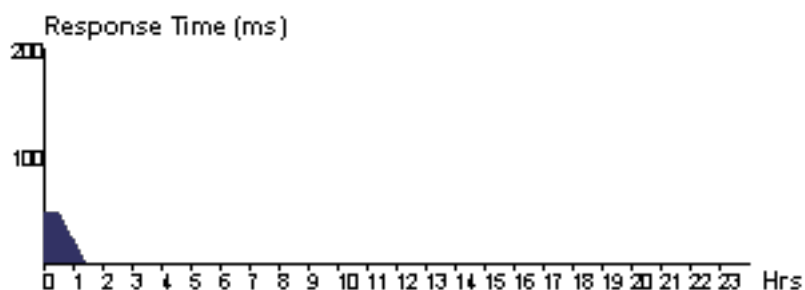


UB24

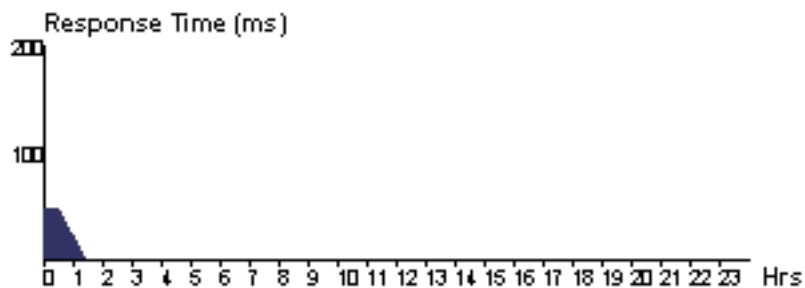
UB25



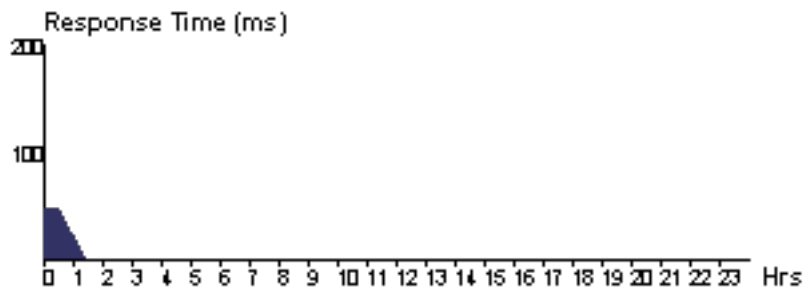
UB26



UB27

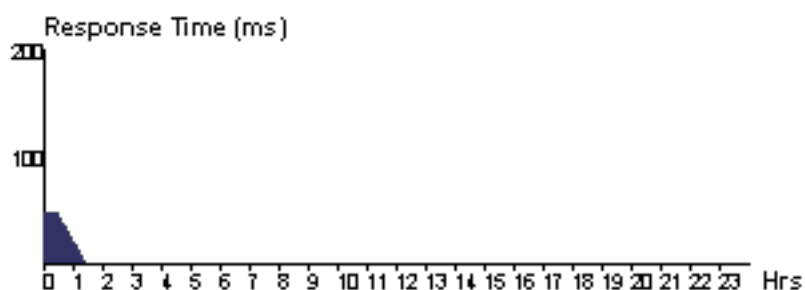
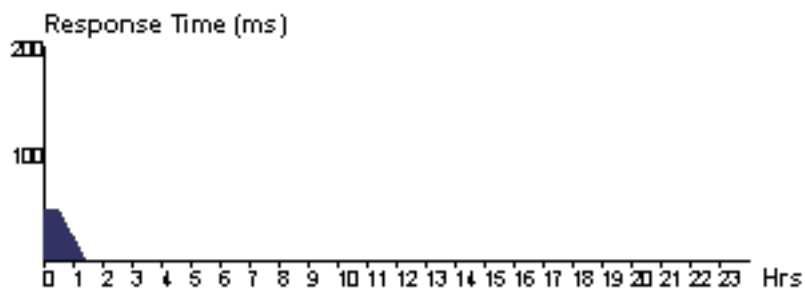


UB28

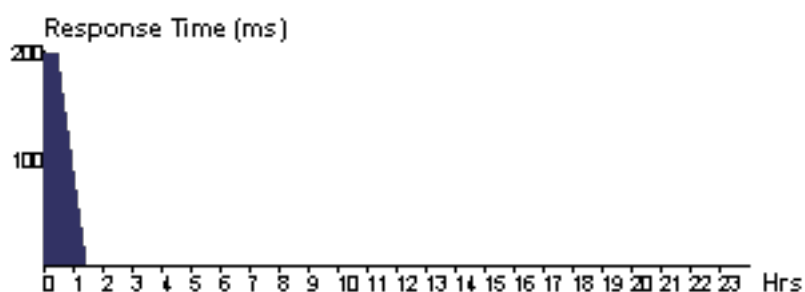


UB29

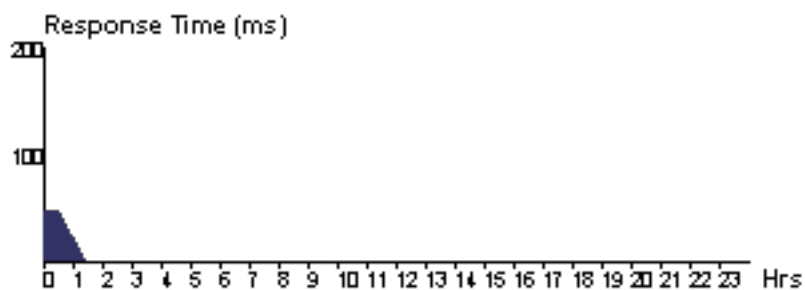
UB3



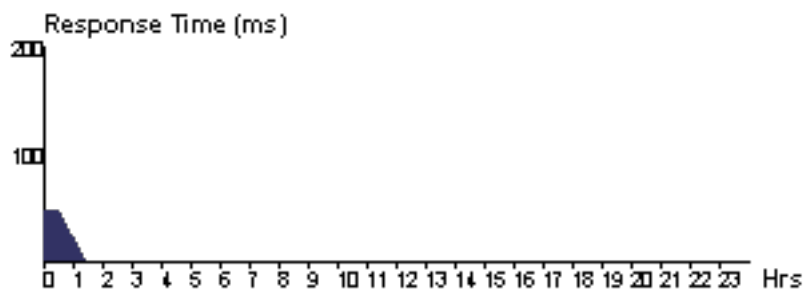
UB30



UB31

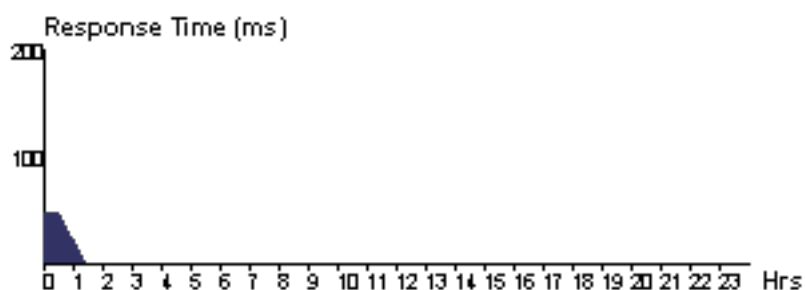
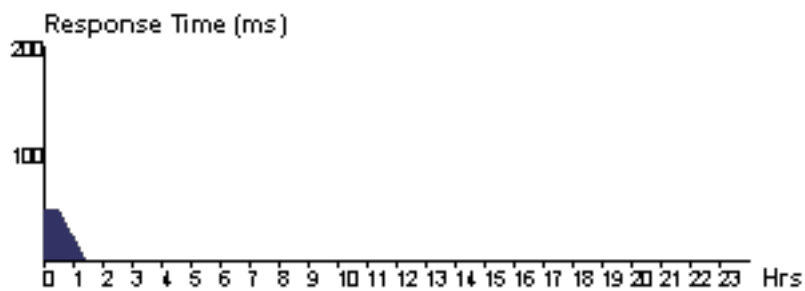


UB32

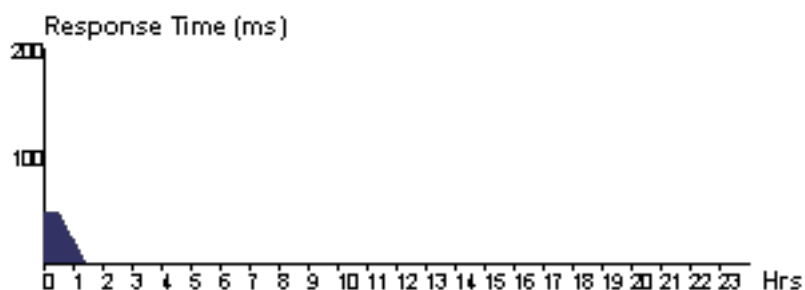


UB33

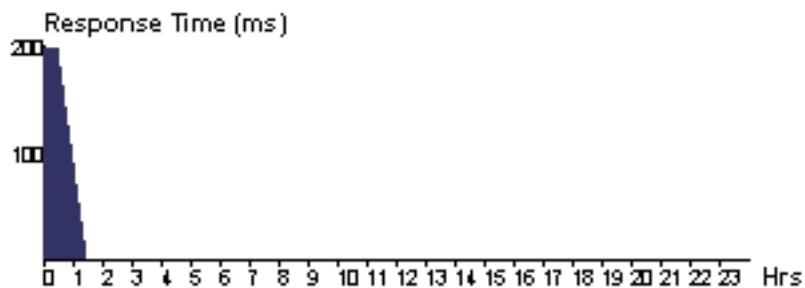
UB34



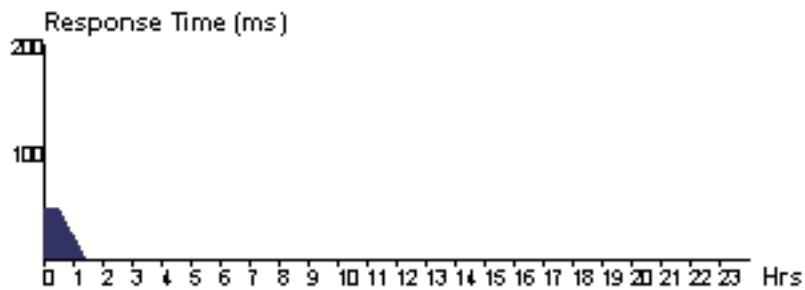
UB35



UB36

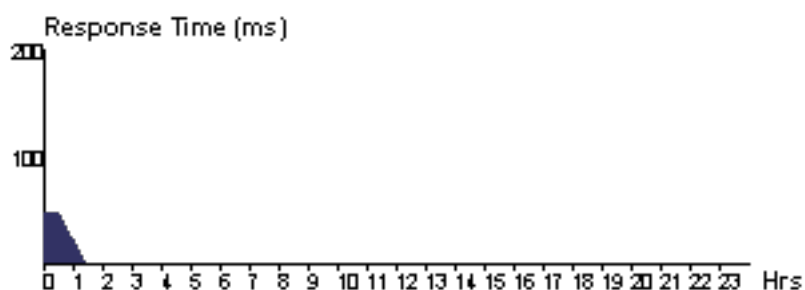
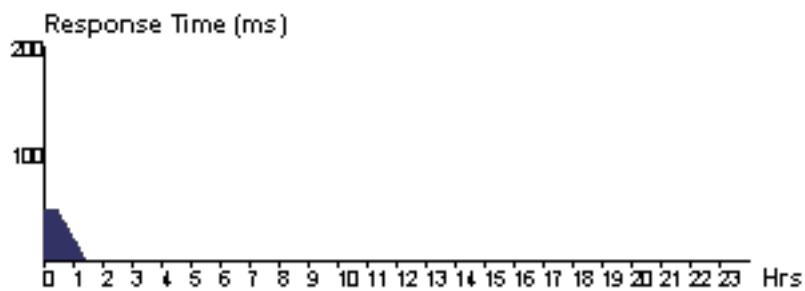


UB37

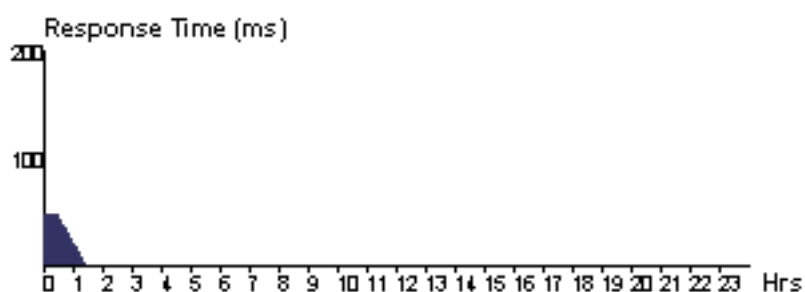


UB38

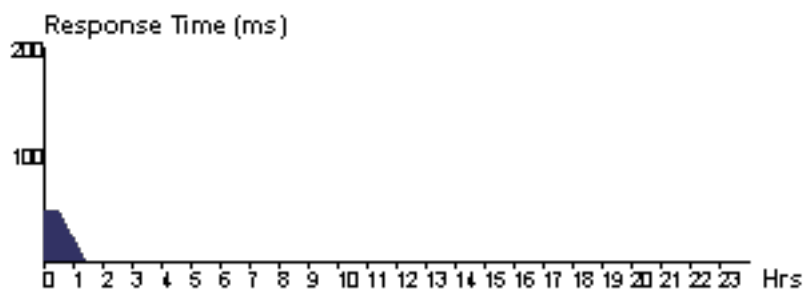
UB39



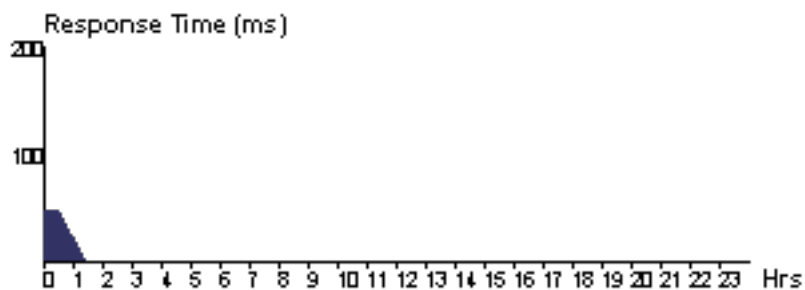
UB4



UB40

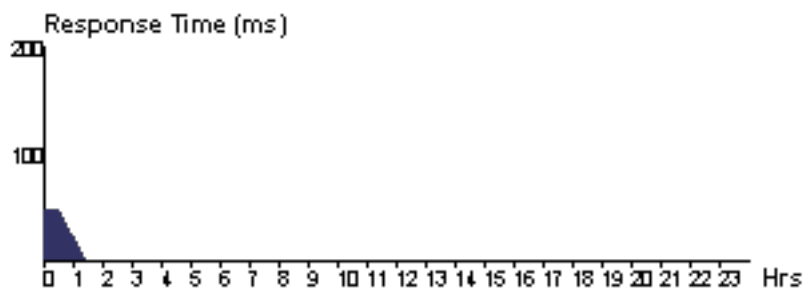
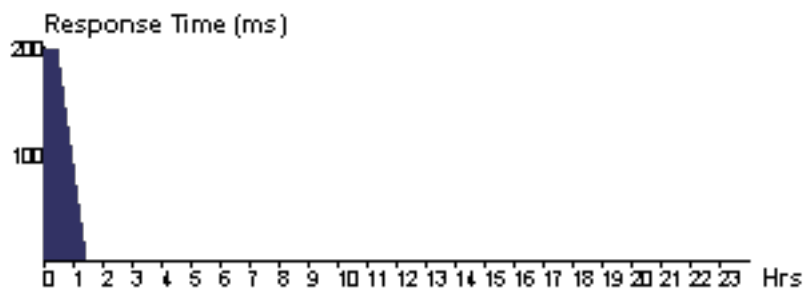


UB41

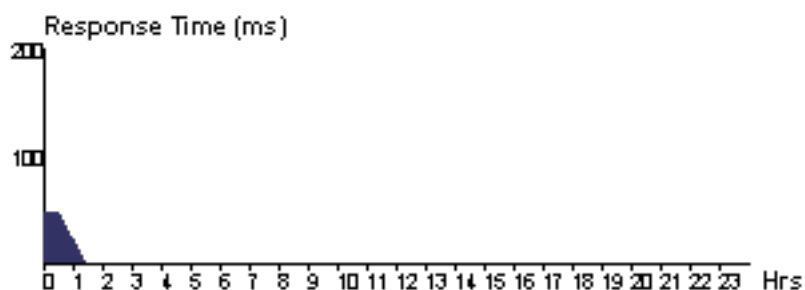


UB42

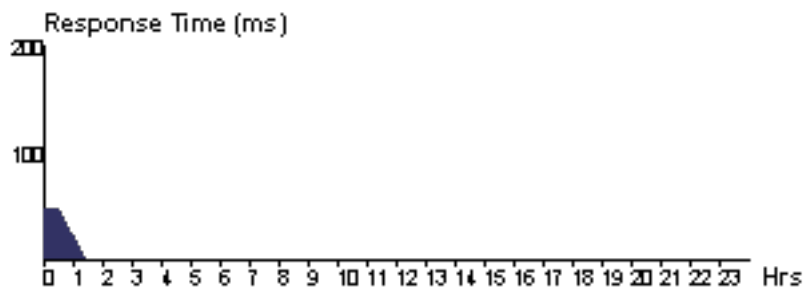
UB43



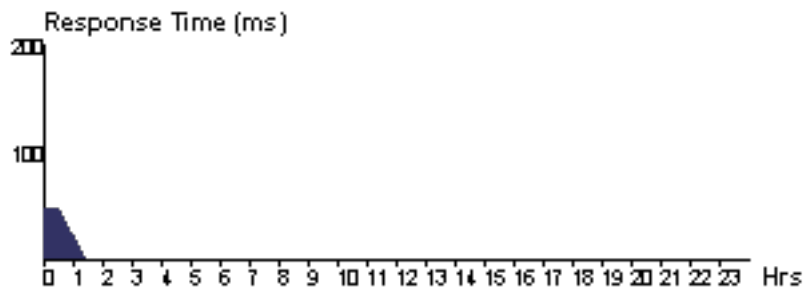
UB44



UB45

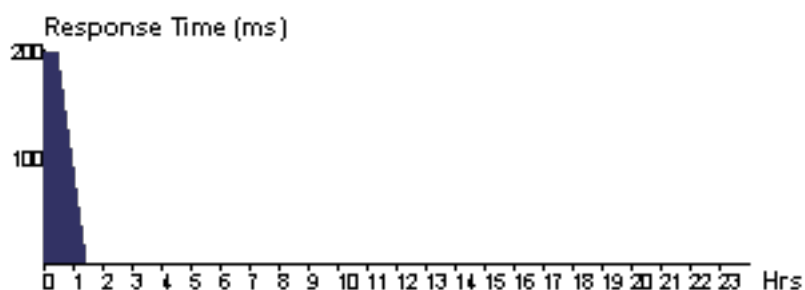
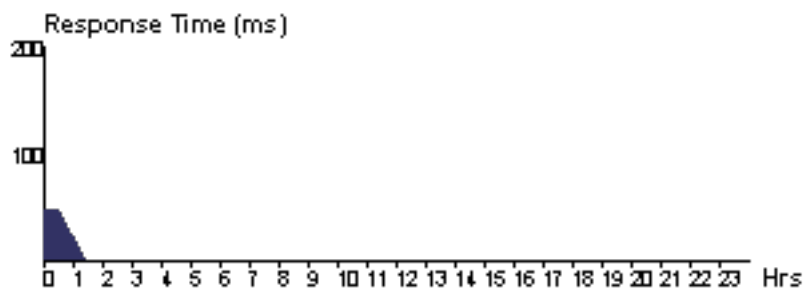


UB46

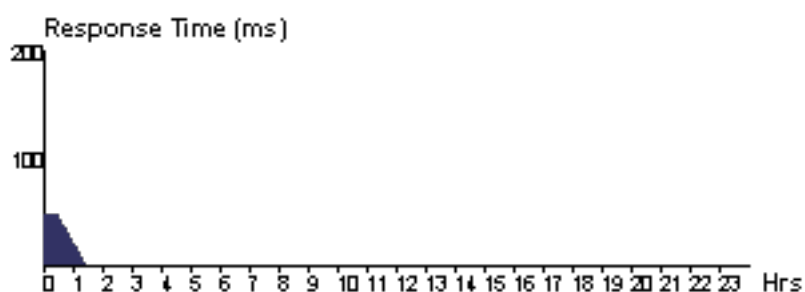


UB47

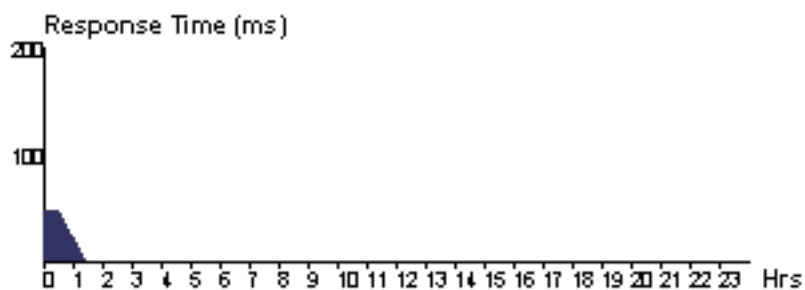
UB48



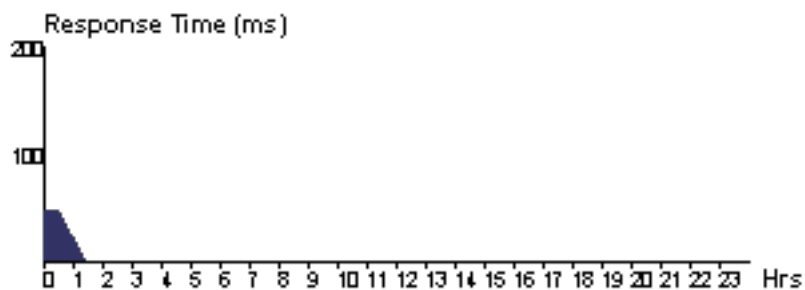
UB49



UB5

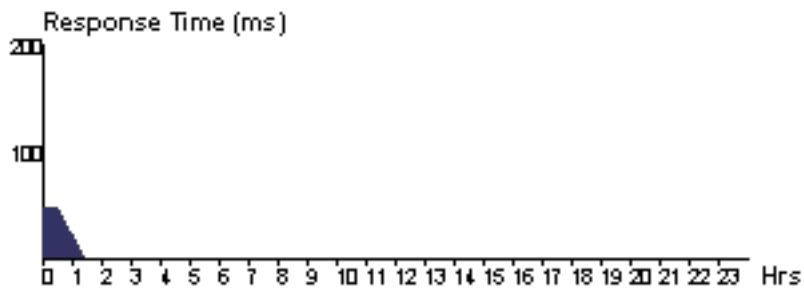
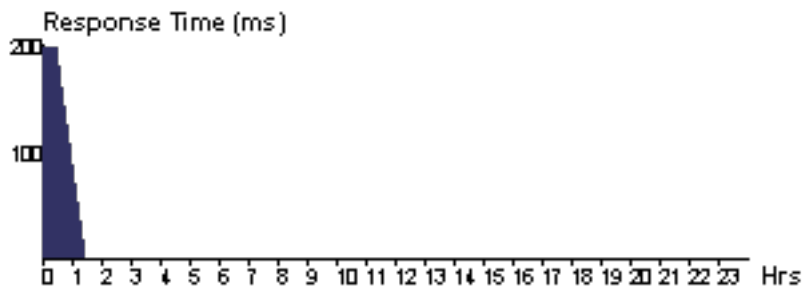


UB50

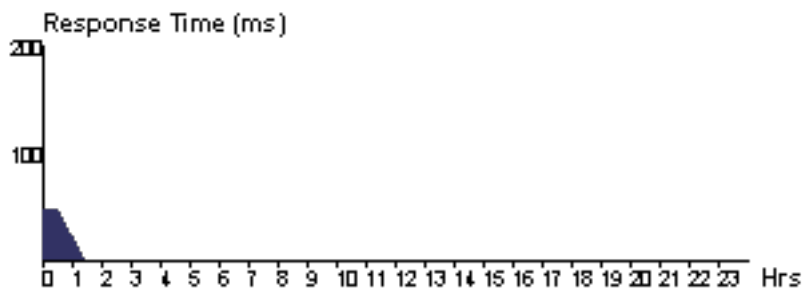


UB6

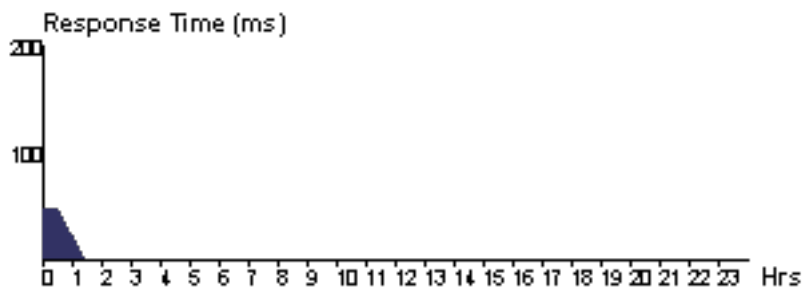
UB7



UB8



UB9



Data Center Request Servicing Times

Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1	0.30	0.01	0.89
DC2	0.51	0.02	1.02
DC3	0.50	0.02	0.91
DC4	0.49	0.02	0.93
DC5	0.51	0.03	1.04

Data Center Hourly Average Processing Times

DC1

DC2

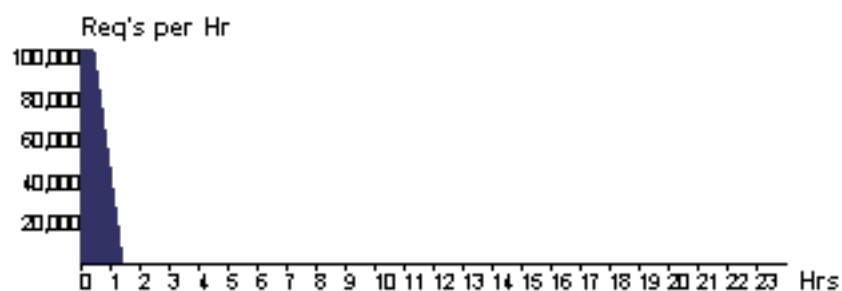
DC3

DC4

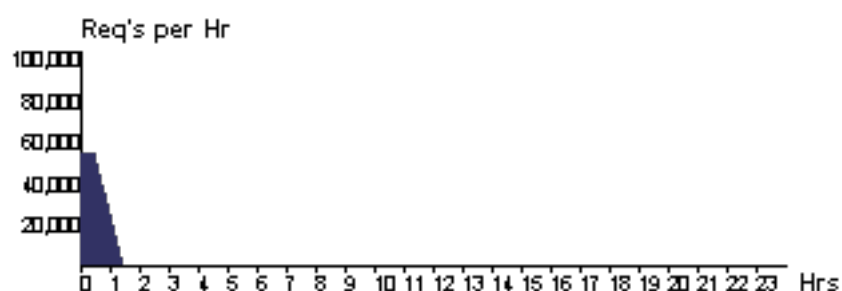
DC5

Data Center Hourly Loading

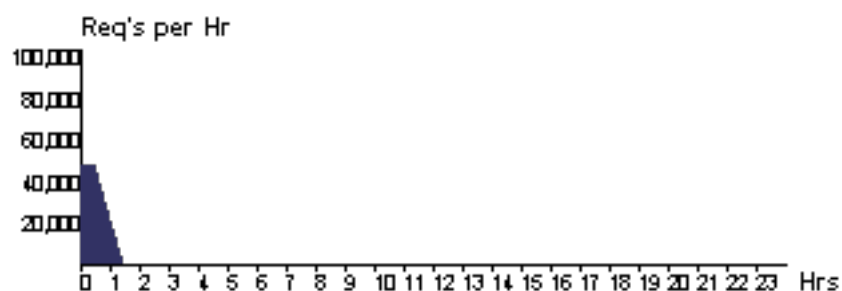
DC1



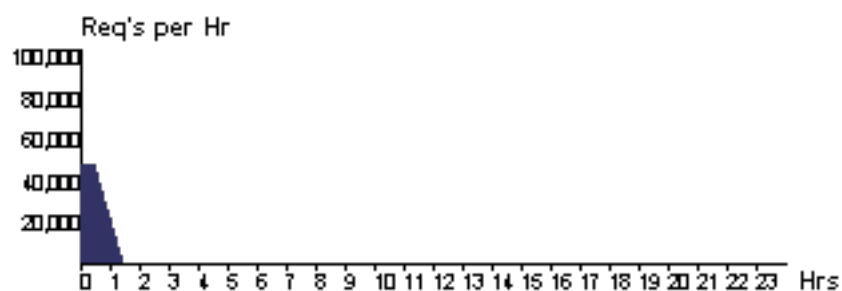
DC2



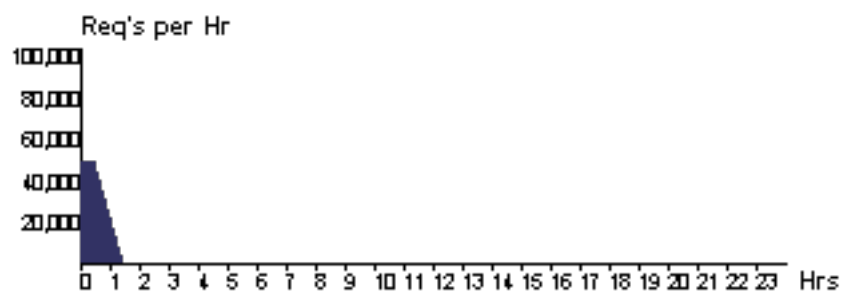
DC3



DC4



DC5



Cost

Total Virtual Machine Cost (\$):	2.50
Total Data Transfer Cost (\$):	3.20
Grand Total: (\$)	5.70

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC2	0.50	0.58	1.08
DC1	0.50	1.09	1.59
DC4	0.50	0.51	1.01
DC3	0.50	0.51	1.01
DC5	0.50	0.52	1.02