

Results of the Simulation Completed at: 25/01/2023 09:57:14

Overall Response Time Summary

	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	70.03	38.90	12051.51
Data Center processing time:	20.35	0.02	12000.76

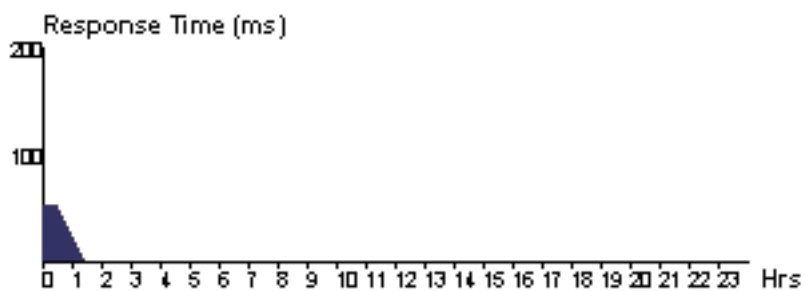
Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB10	59.94	45.07	93.97
UB11	167.74	44.97	9651.54
UB12	110.84	45.65	4245.26
UB13	54.49	42.89	65.39
UB14	66.65	41.21	647.27
UB15	59.21	43.63	98.83
UB16	59.90	43.95	108.26
UB17	54.03	43.38	71.29
UB18	59.86	45.03	105.90
UB19	59.96	45.23	86.04
UB1	54.86	44.86	76.20
UB20	58.69	41.91	92.83
UB21	82.13	44.03	2456.01
UB22	59.08	46.01	97.26
UB23	58.88	43.69	94.04
UB24	59.50	40.45	105.59
UB25	54.18	45.33	68.88
UB26	58.50	44.16	86.78
UB27	79.61	44.70	1852.04
UB28	59.89	44.00	89.76
UB29	54.22	44.92	71.96
UB2	58.98	38.90	109.89
UB30	87.30	42.28	2446.01
UB31	60.29	41.96	97.04
UB32	59.36	44.62	94.50
UB33	54.28	43.28	68.45

UB34	58.43	42.81	77.19
UB35	59.33	43.57	96.06
UB36	59.15	40.61	94.26
UB37	54.80	41.03	66.76
UB38	59.78	44.33	124.08
UB39	59.18	45.18	81.79
UB3	59.99	46.43	89.82
UB40	58.81	42.47	113.14
UB41	54.32	41.00	69.51
UB42	59.90	42.15	113.32
UB43	59.62	44.08	89.64
UB44	111.67	43.73	4857.26
UB45	54.86	43.57	65.53
UB46	138.09	42.92	7848.76
UB47	59.91	45.90	95.45
UB48	120.53	44.66	5451.01
UB49	54.36	43.32	70.90
UB4	59.50	40.63	93.76
UB50	202.11	44.00	12051.51
UB5	55.01	44.45	68.49
UB6	59.02	42.49	94.01
UB7	78.33	43.54	1844.56
UB8	60.64	46.59	92.51
UB9	54.30	42.12	70.51

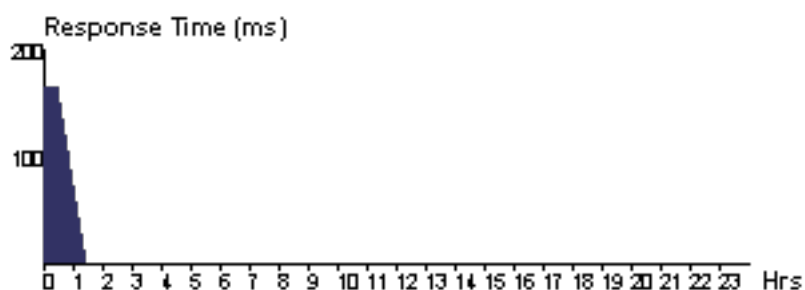
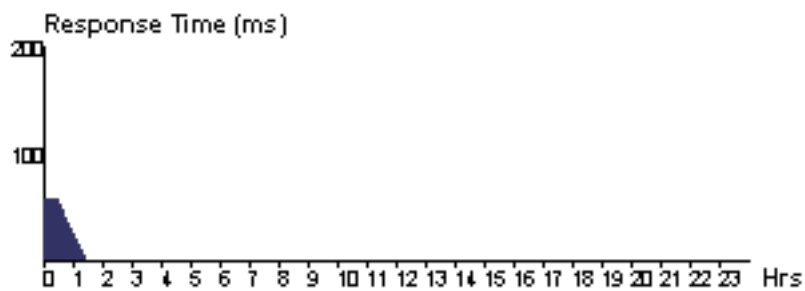
User Base Hourly Response Times

UB1

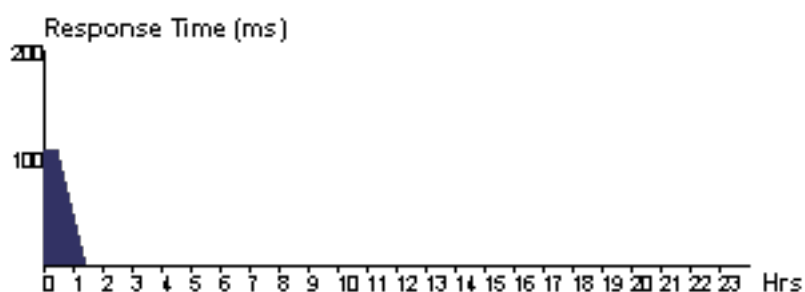


UB10

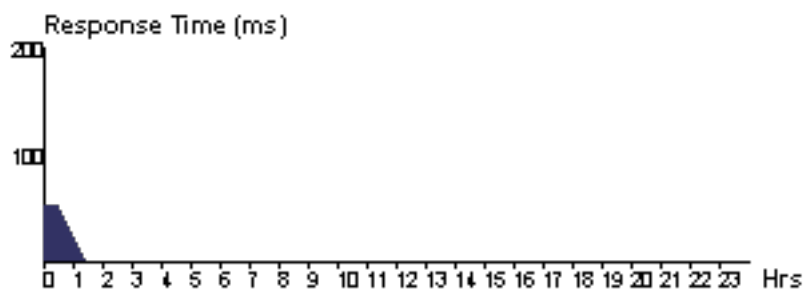
UB11



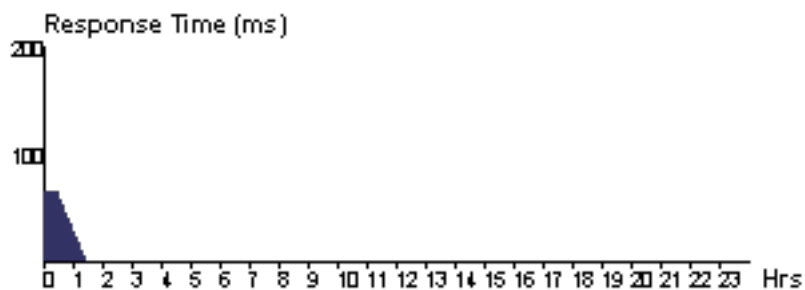
UB12



UB13

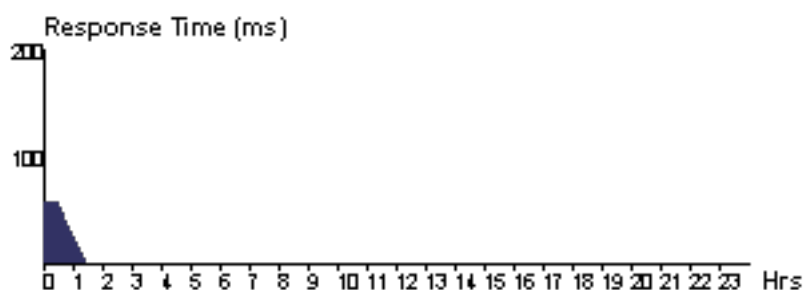
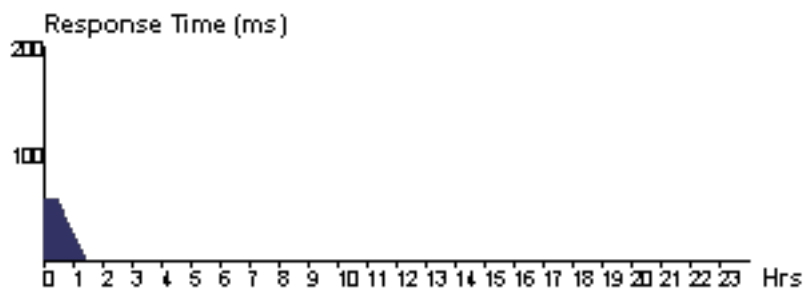


UB14

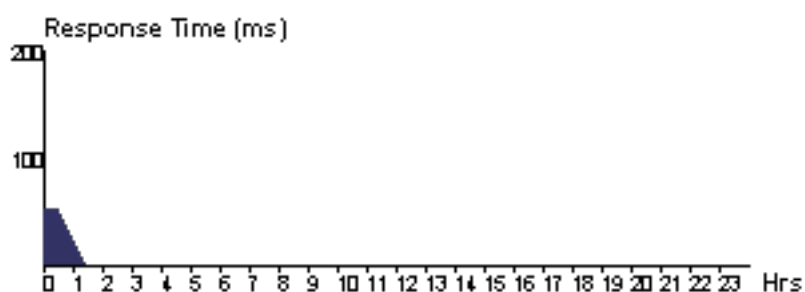


UB15

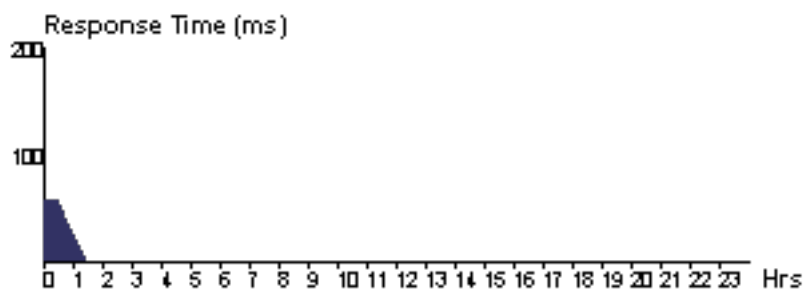
UB16



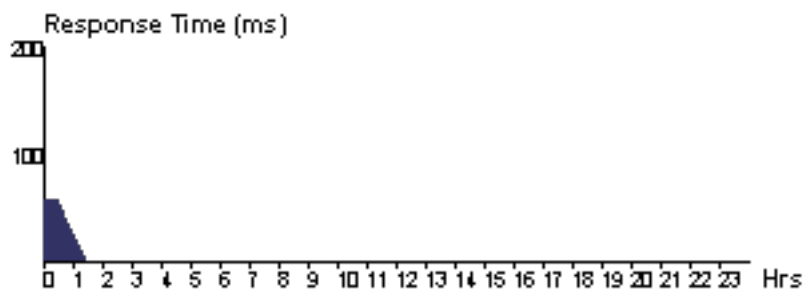
UB17



UB18

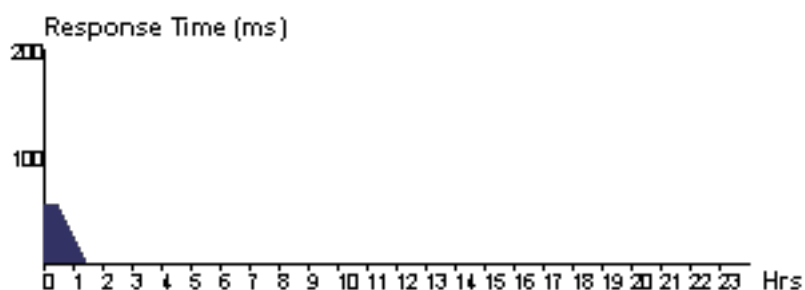
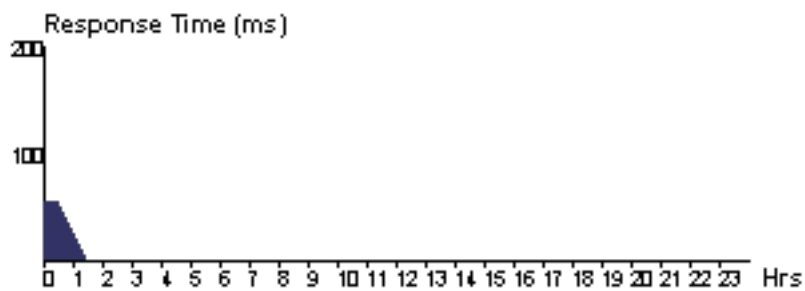


UB19

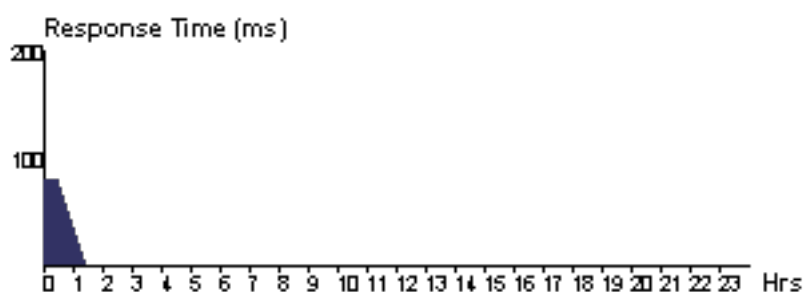


UB2

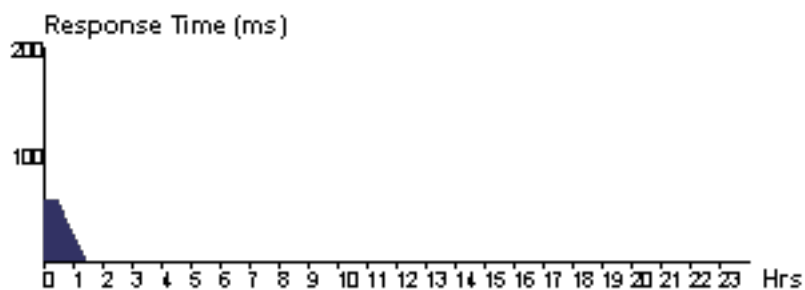
UB20



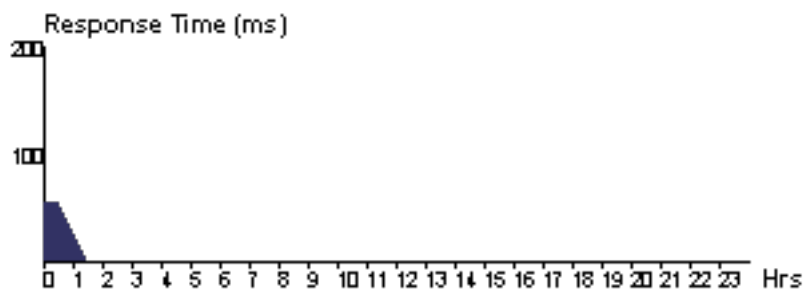
UB21



UB22

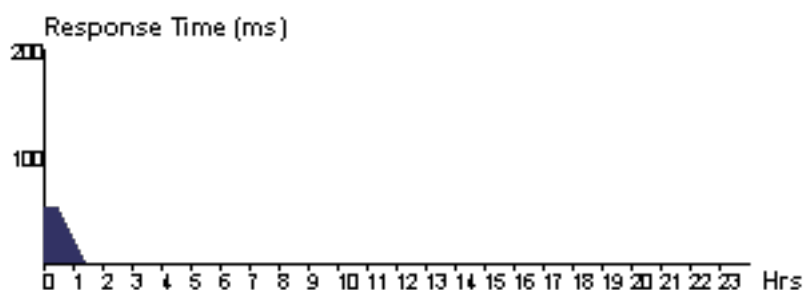
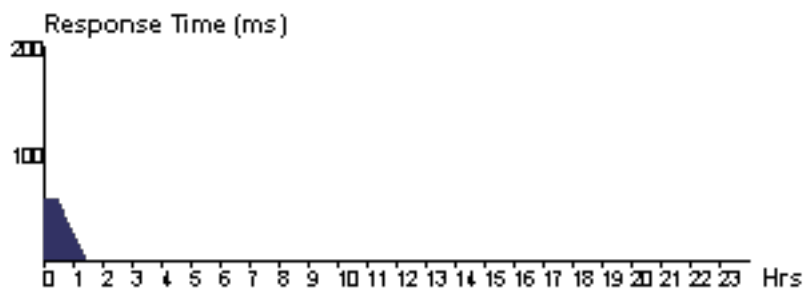


UB23

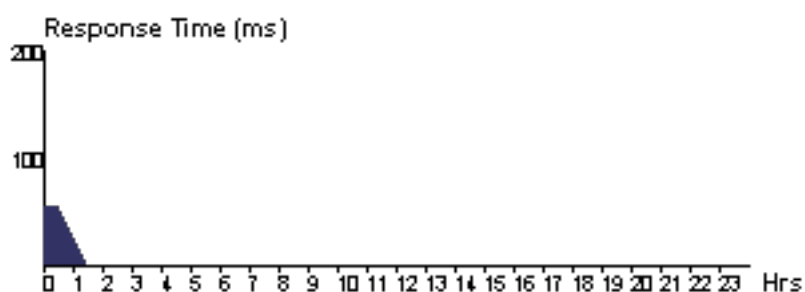


UB24

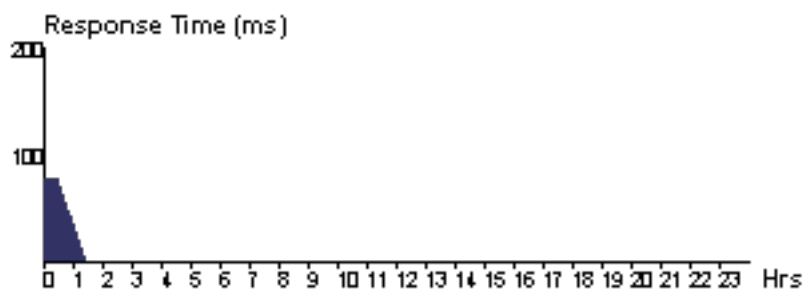
UB25



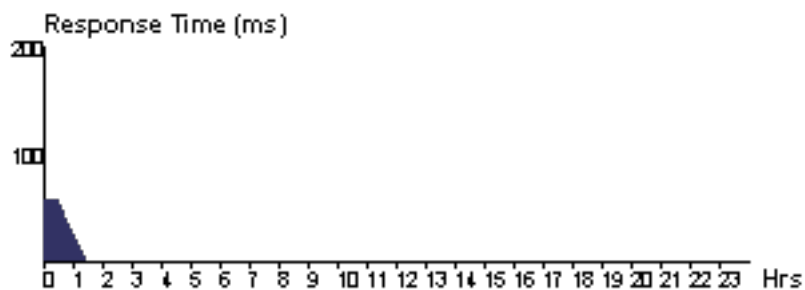
UB26



UB27

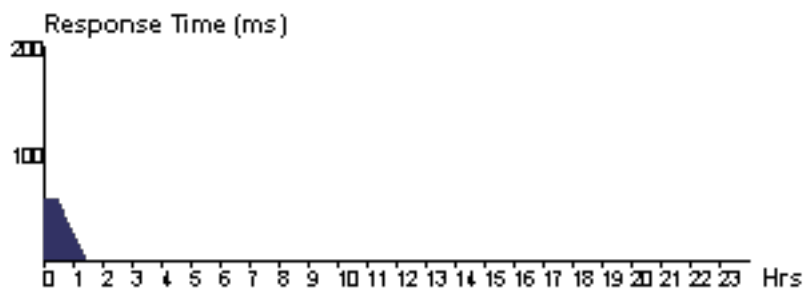
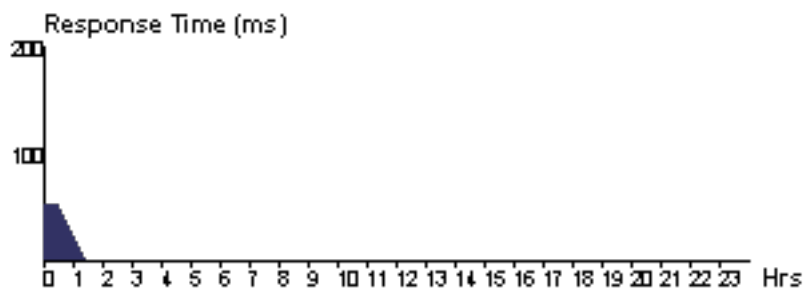


UB28

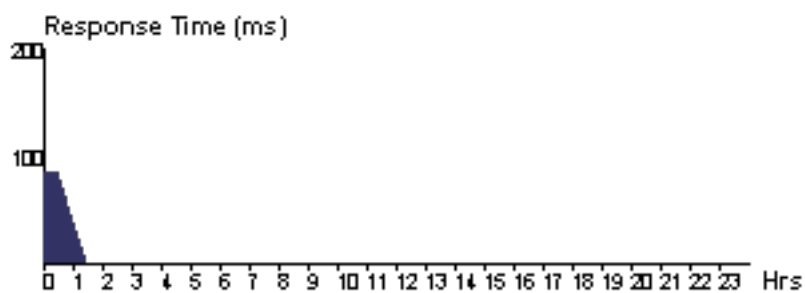


UB29

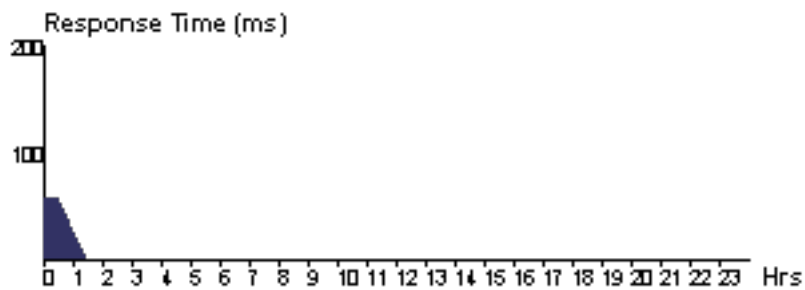
UB3



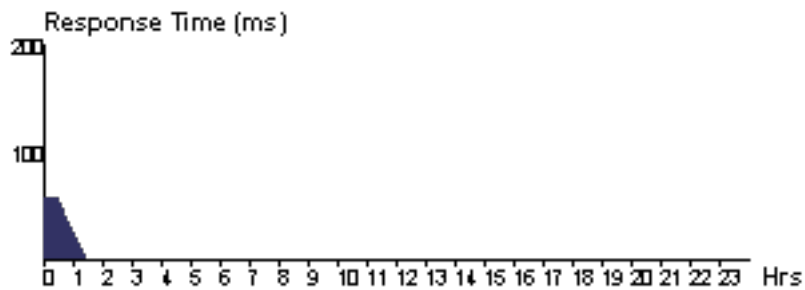
UB30



UB31

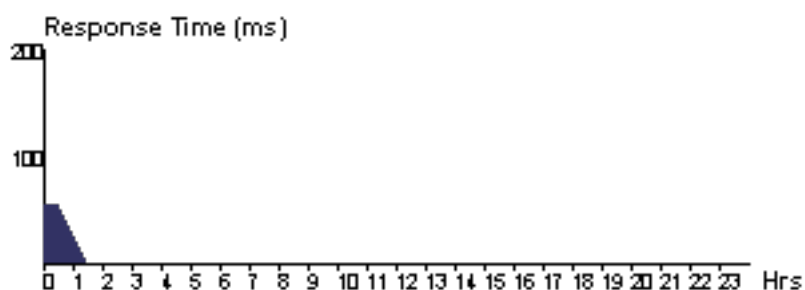
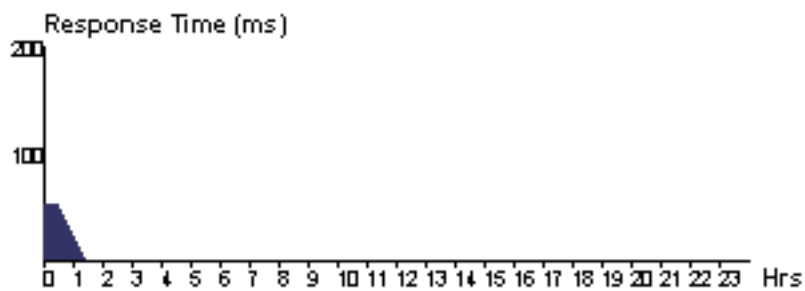


UB32

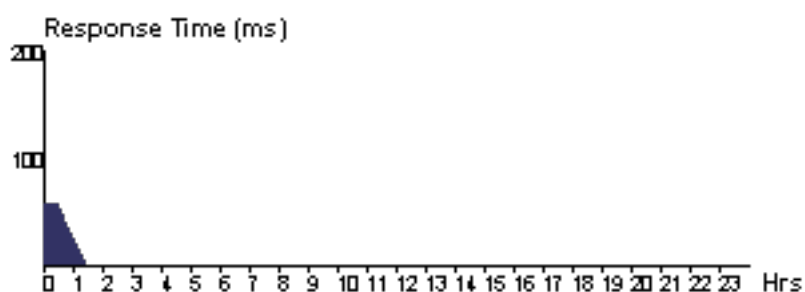


UB33

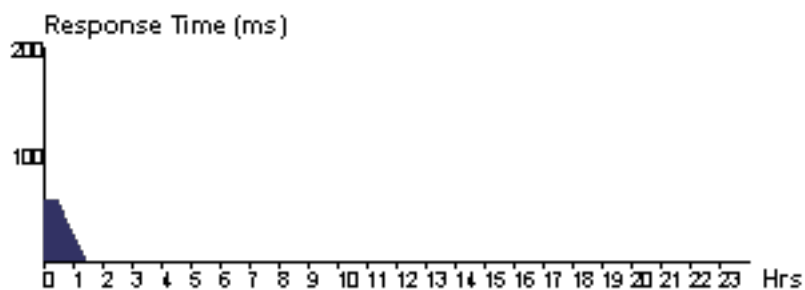
UB34



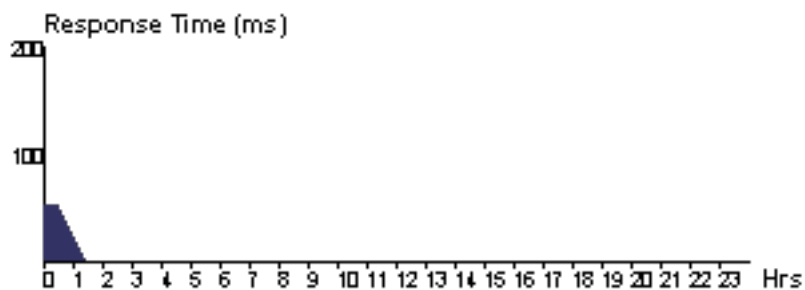
UB35



UB36

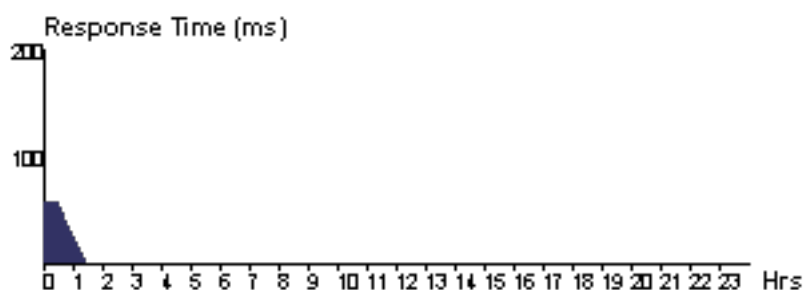
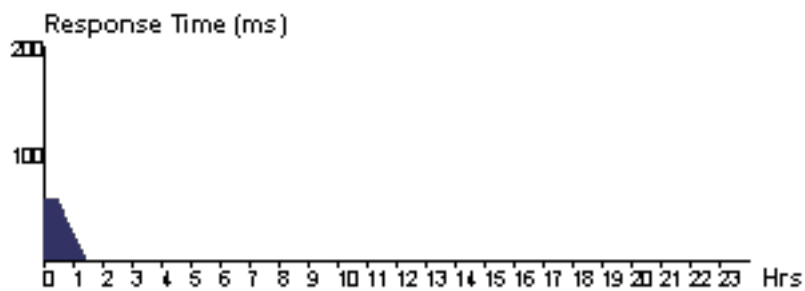


UB37

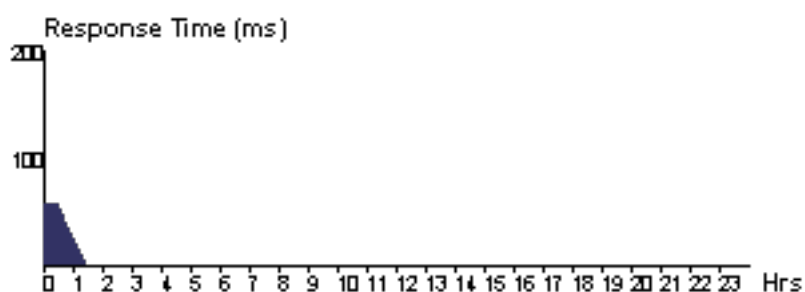


UB38

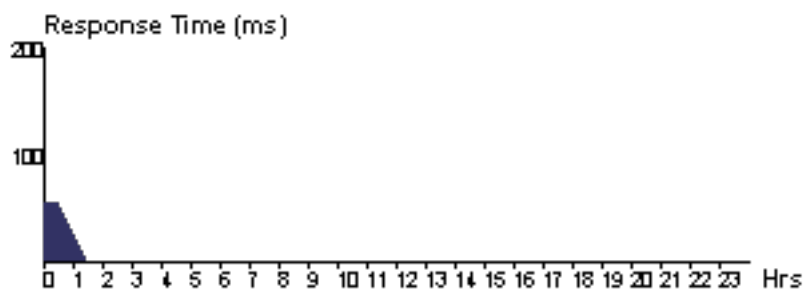
UB39



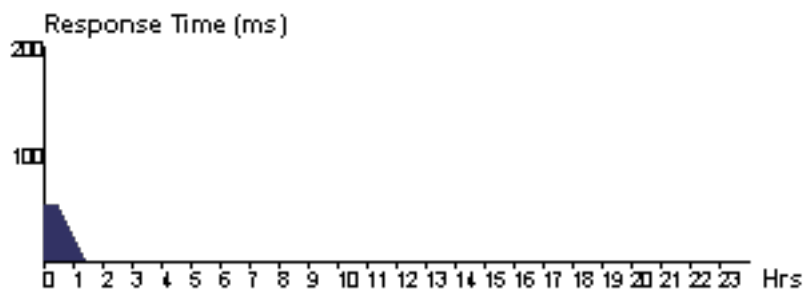
UB4



UB40

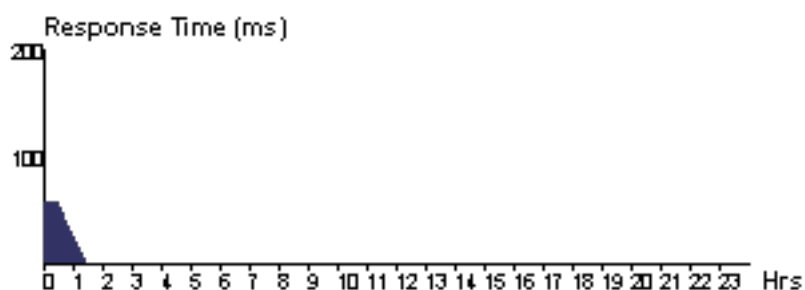
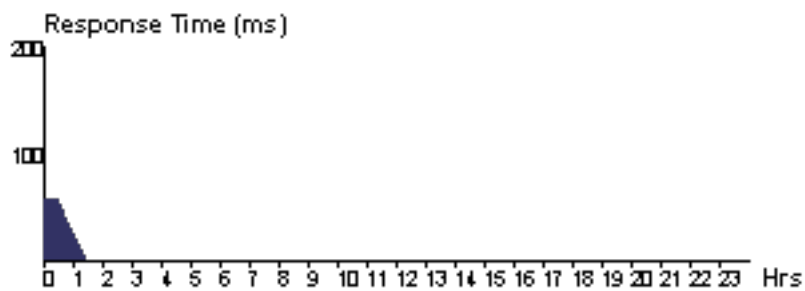


UB41

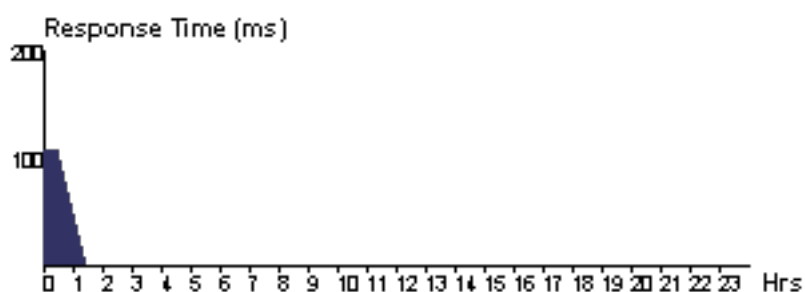


UB42

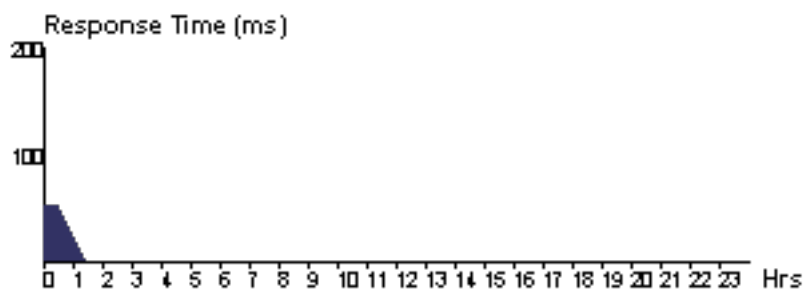
UB43



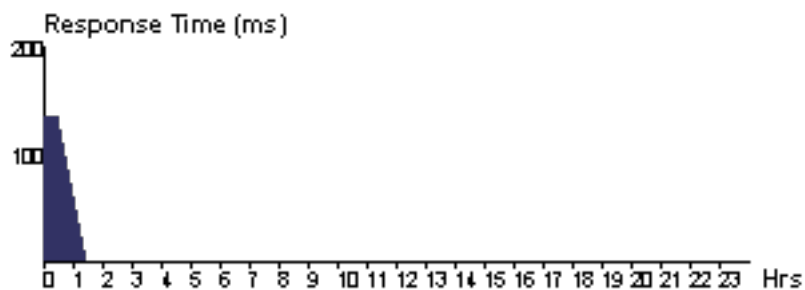
UB44



UB45

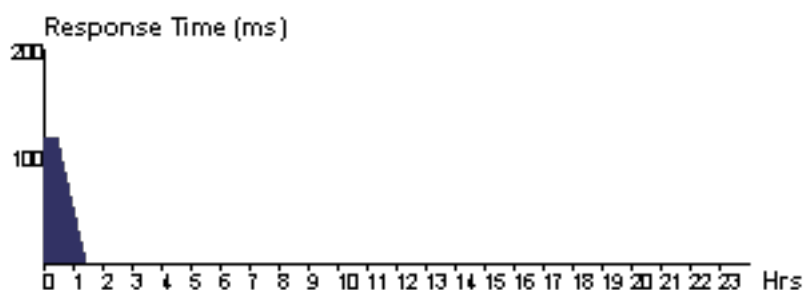
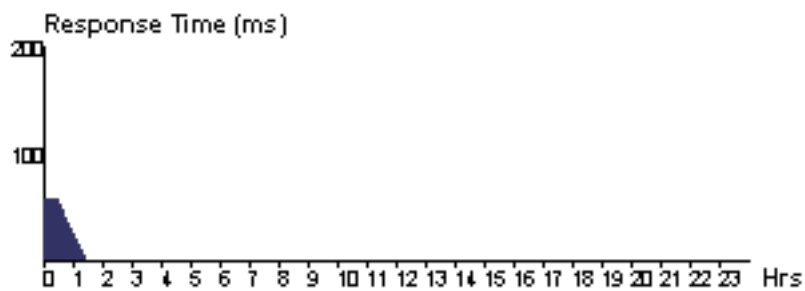


UB46

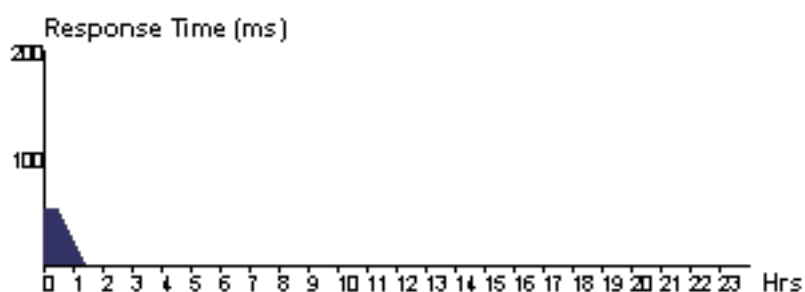


UB47

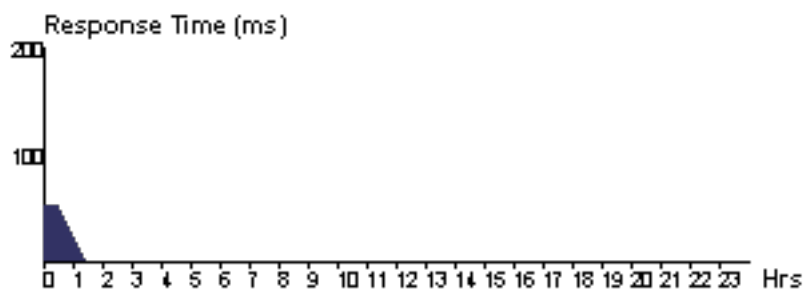
UB48



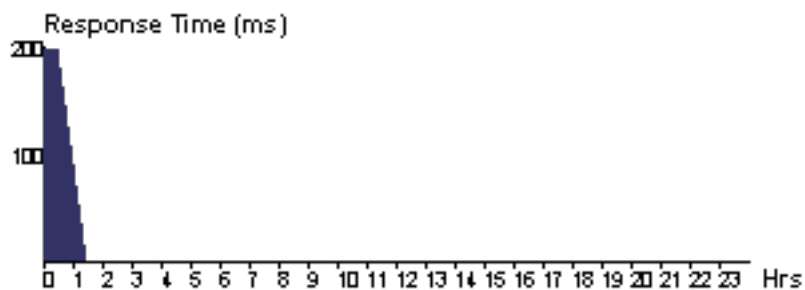
UB49



UB5

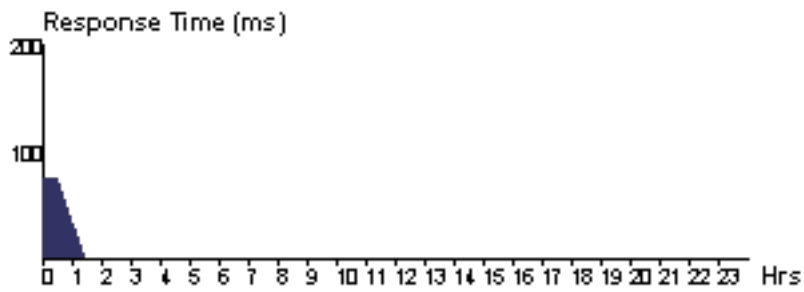
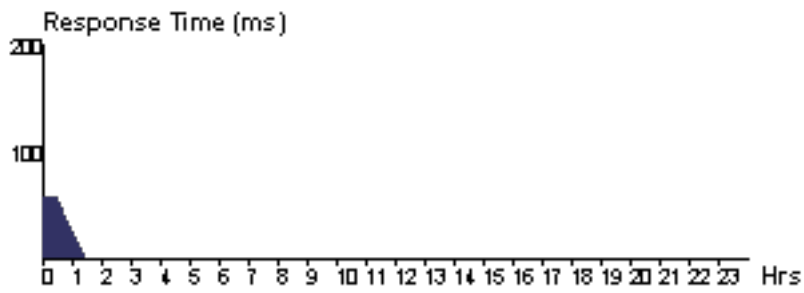


UB50

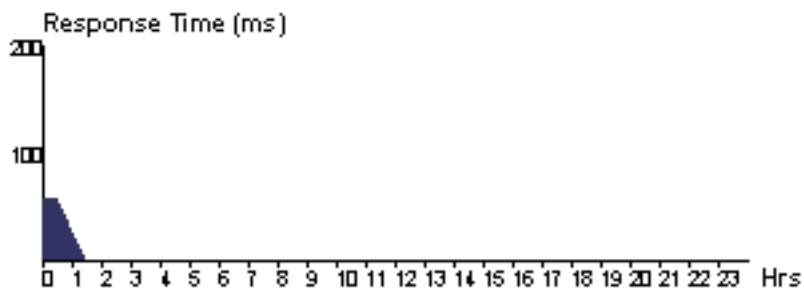


UB6

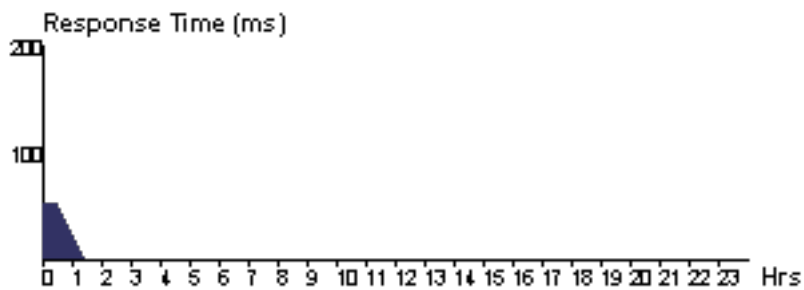
UB7



UB8



UB9

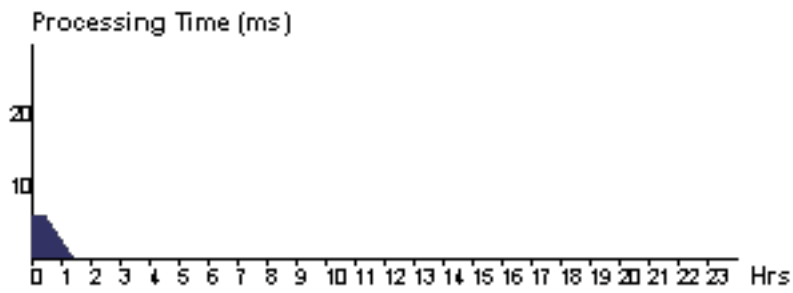


Data Center Request Servicing Times

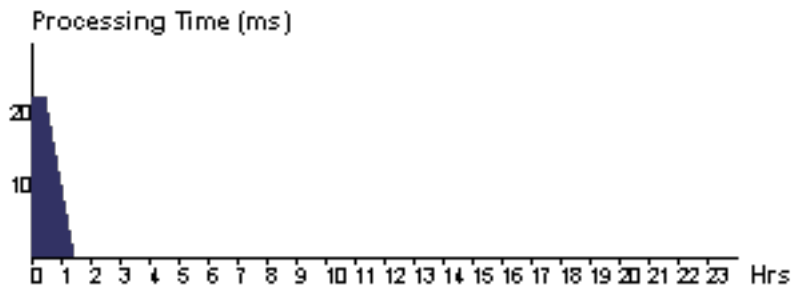
Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1	6.93	0.02	2403.50
DC2	22.13	0.04	9597.52
DC3	29.20	0.03	12000.76
DC4	23.61	0.03	5401.75

Data Center Hourly Average Processing Times

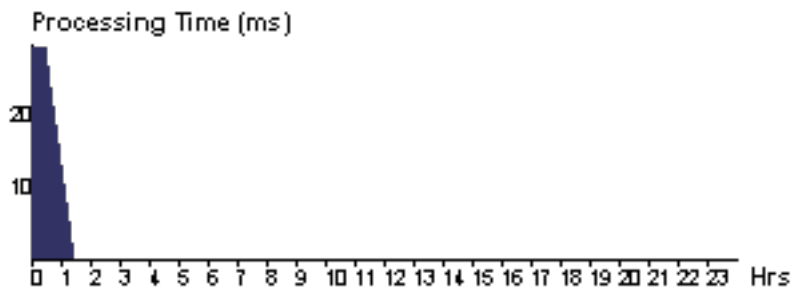
DC1



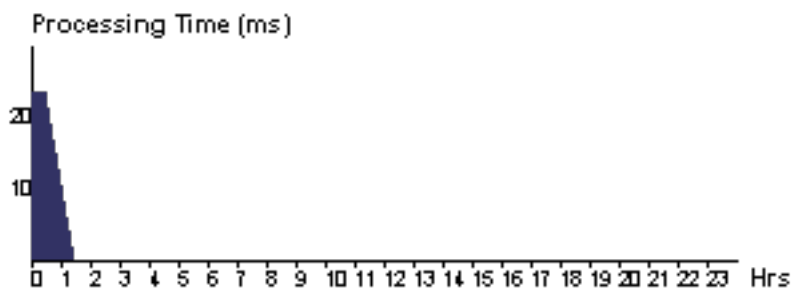
DC2



DC3

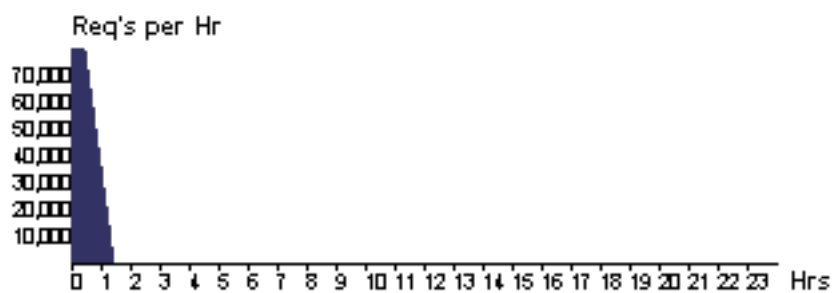


DC4

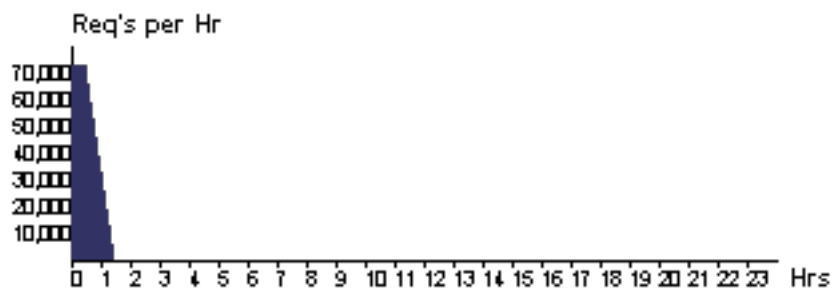


Data Center Hourly Loading

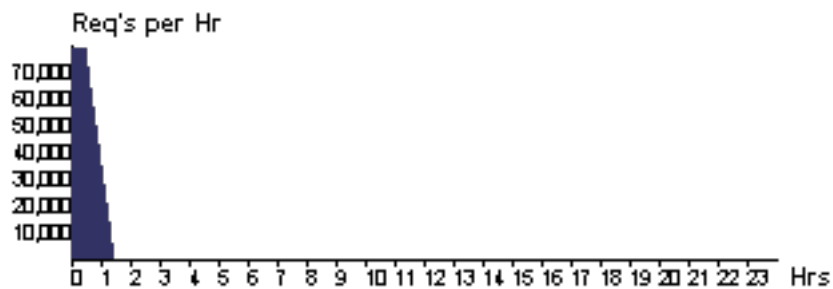
DC1



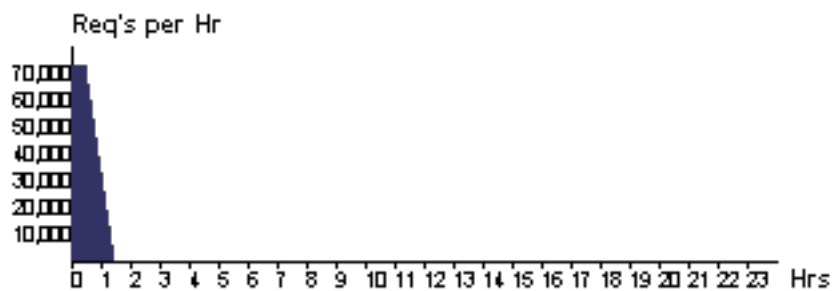
DC2



DC3



DC4



Cost

Total Virtual Machine Cost (\$):	12.78
Total Data Transfer Cost (\$):	2.94
Grand Total: (\$)	15.73

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC2	3.25	0.70	3.96
DC1	3.19	0.77	3.96
DC4	3.17	0.71	3.88
DC3	3.17	0.76	3.93