

Results of the Simulation Completed at: 16/01/2023 12:54:45

Overall Response Time Summary

	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	154.46	36.39	387.14
Data Center processing time:	0.39	0.00	1.07

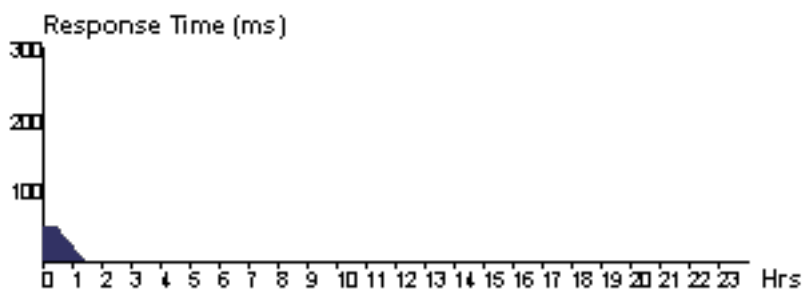
Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB10	300.58	235.64	364.64
UB11	200.43	158.11	262.11
UB12	200.29	150.11	252.11
UB13	50.28	38.11	62.11
UB14	49.80	39.36	60.36
UB15	50.15	37.14	63.39
UB16	50.16	37.90	62.14
UB17	50.05	39.13	63.13
UB18	49.99	38.38	61.63
UB19	300.09	241.64	367.64
UB1	50.29	40.13	65.63
UB20	300.34	234.14	366.14
UB21	300.47	241.64	354.14
UB22	299.72	226.64	376.64
UB23	198.42	144.11	252.11
UB24	200.12	161.11	248.11
UB25	50.33	40.63	59.88
UB26	50.04	39.88	60.88
UB27	50.16	40.36	60.53
UB28	49.86	40.11	61.36
UB29	50.25	37.67	61.90
UB2	50.05	40.63	60.38
UB30	50.11	39.65	63.14
UB31	299.96	222.22	387.14
UB32	300.09	231.14	360.15
UB33	298.96	232.64	355.64

UB34	300.63	238.65	370.64
UB35	199.97	159.09	247.11
UB36	201.14	157.12	244.13
UB37	49.95	40.86	62.36
UB38	50.07	37.86	63.11
UB39	50.25	40.90	63.14
UB3	49.92	41.09	59.36
UB40	50.07	39.89	59.89
UB41	50.19	40.63	60.63
UB42	50.01	40.88	60.88
UB43	299.93	238.66	366.14
UB44	300.61	223.64	361.64
UB45	299.36	234.12	355.64
UB46	300.49	234.12	375.13
UB47	200.11	157.11	251.12
UB48	200.69	156.11	248.12
UB49	50.32	38.77	61.63
UB4	50.27	41.36	62.61
UB50	50.29	39.13	62.13
UB5	49.97	36.39	61.15
UB6	50.13	39.90	61.39
UB7	302.18	232.63	363.14
UB8	298.68	223.64	360.14
UB9	299.89	237.14	367.65

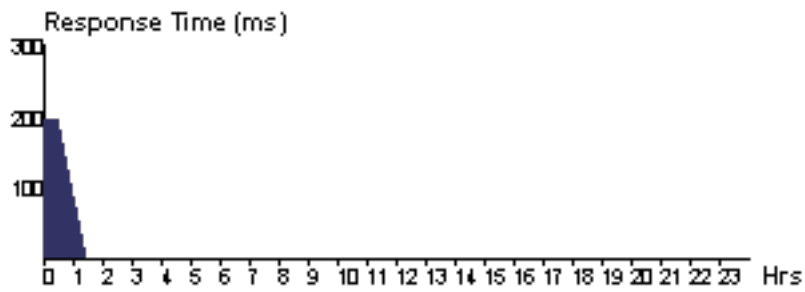
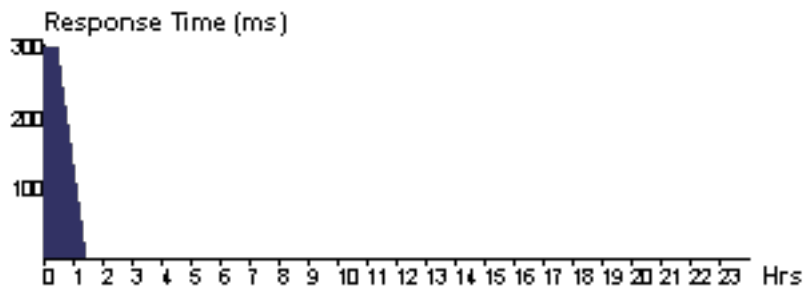
User Base Hourly Response Times

UB1

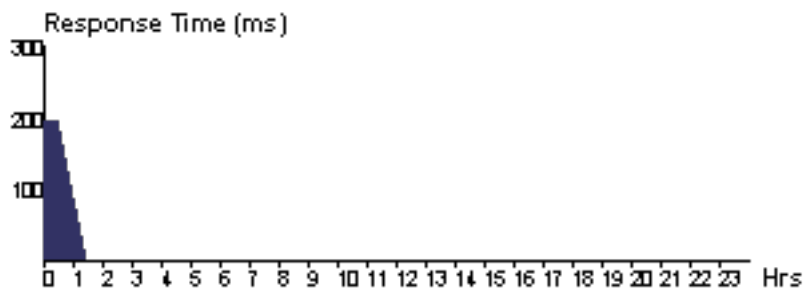


UB10

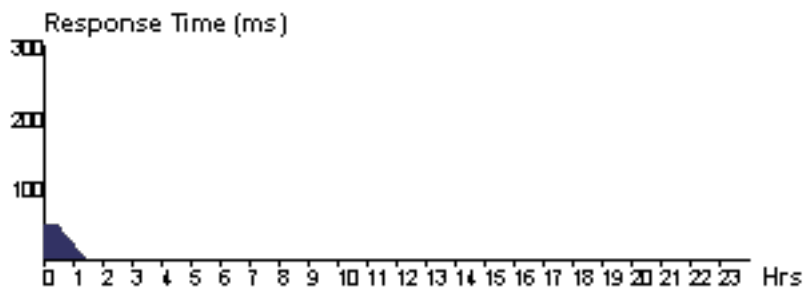
UB11



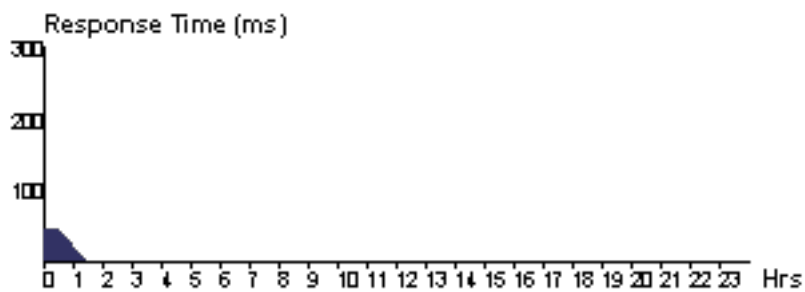
UB12



UB13

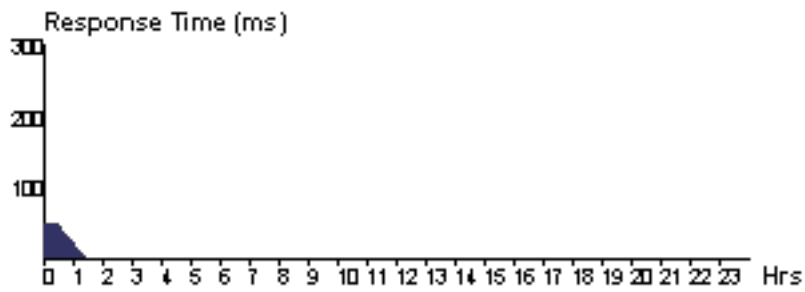
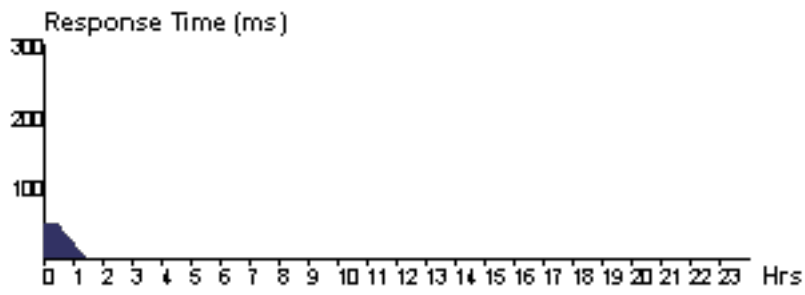


UB14

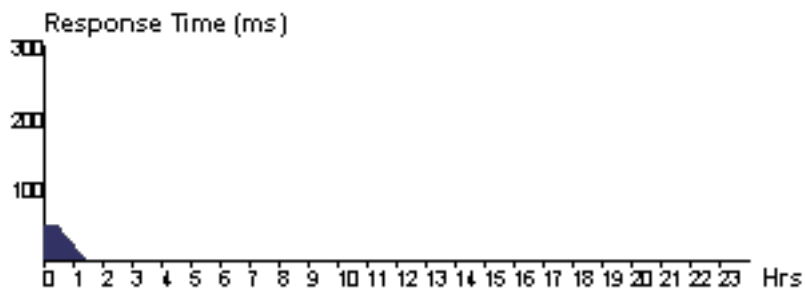


UB15

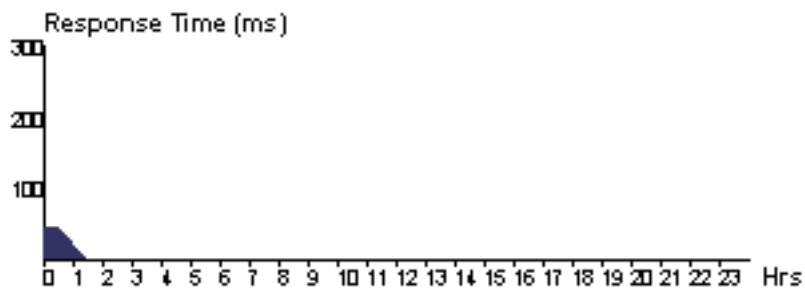
UB16



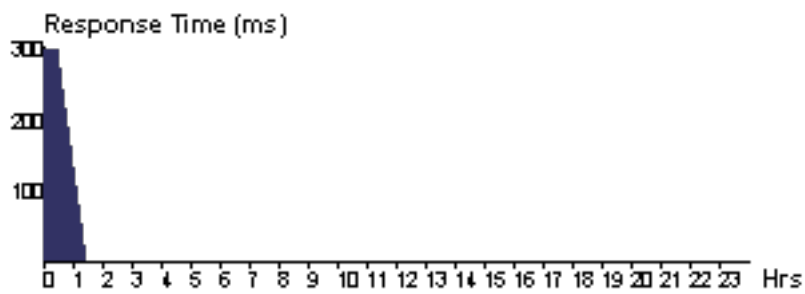
UB17



UB18

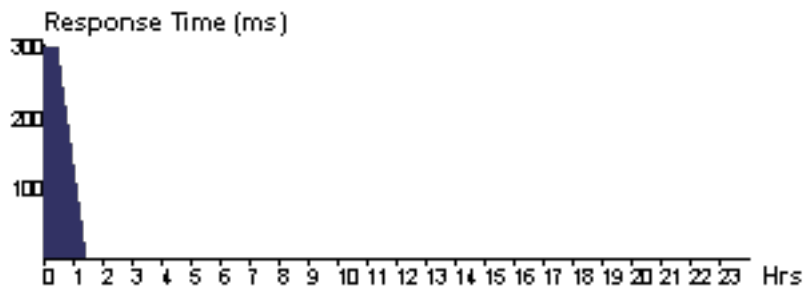
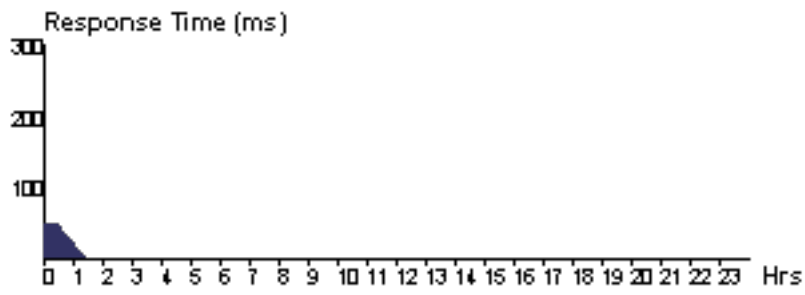


UB19

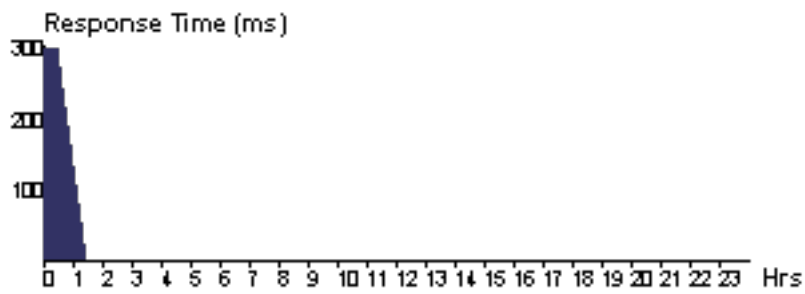


UB2

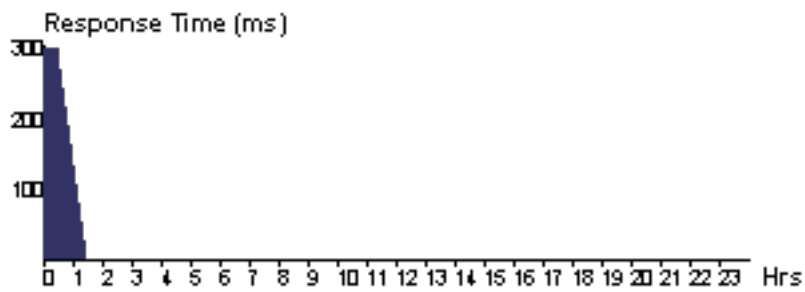
UB20



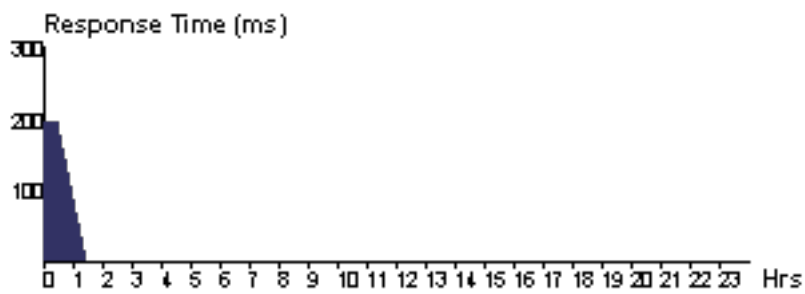
UB21



UB22

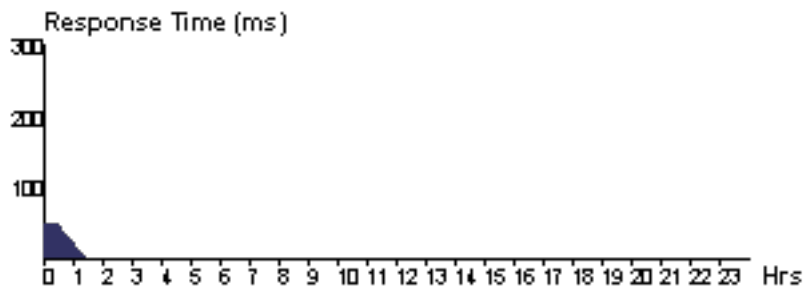
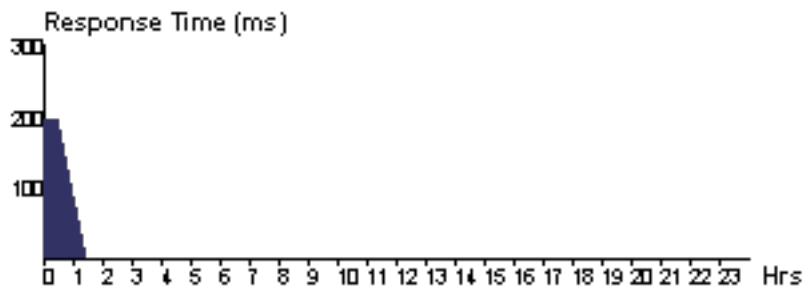


UB23

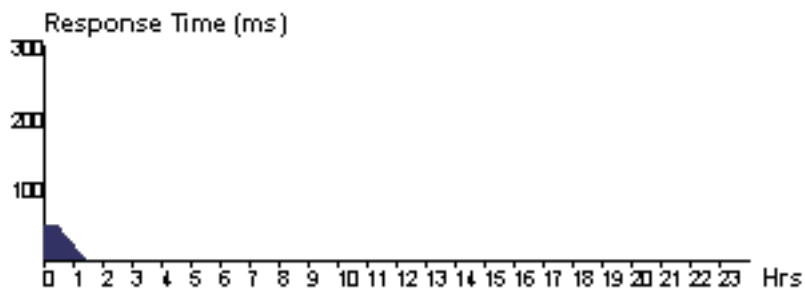


UB24

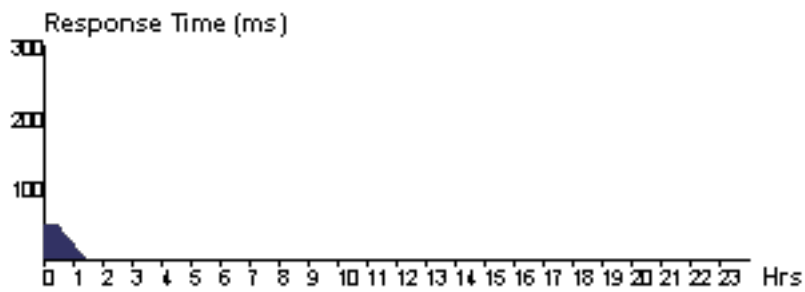
UB25



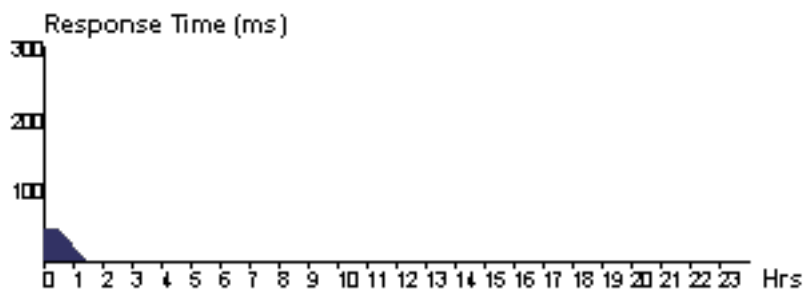
UB26



UB27

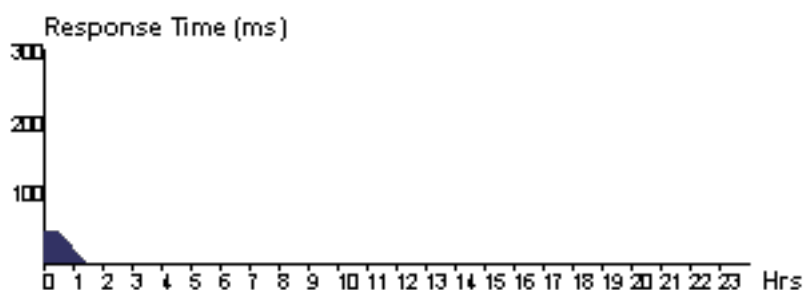
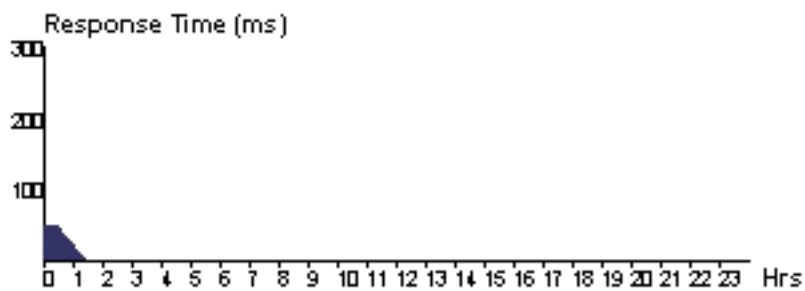


UB28

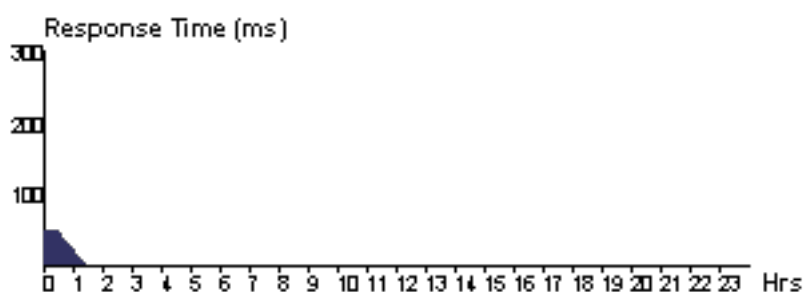


UB29

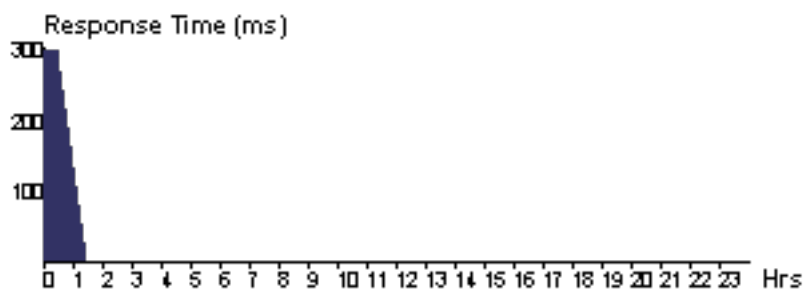
UB3



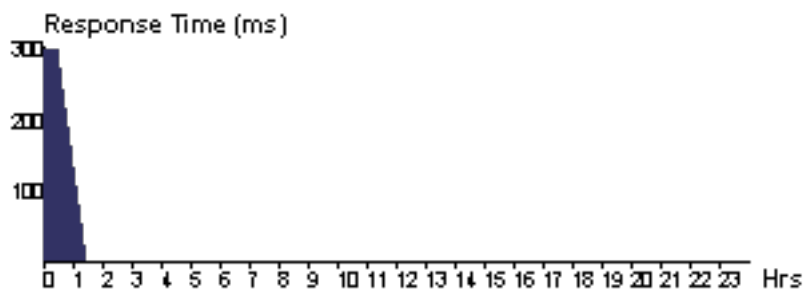
UB30



UB31

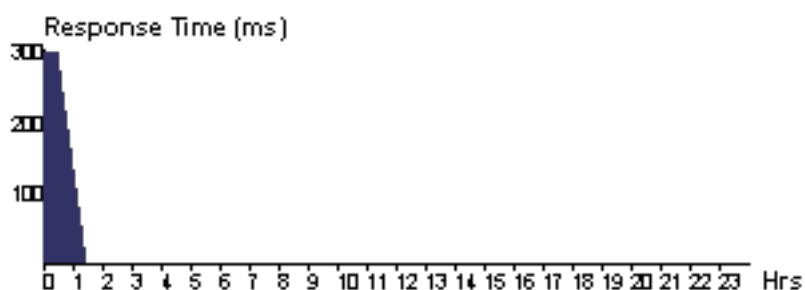
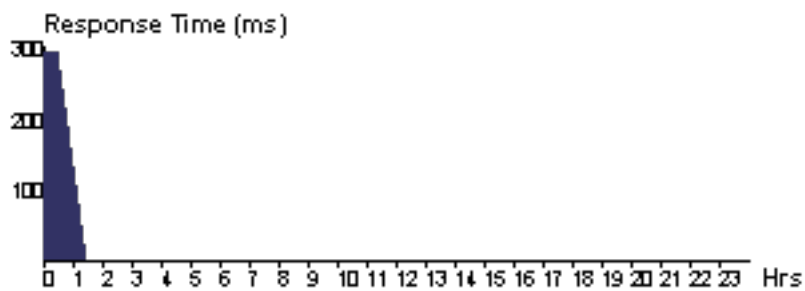


UB32

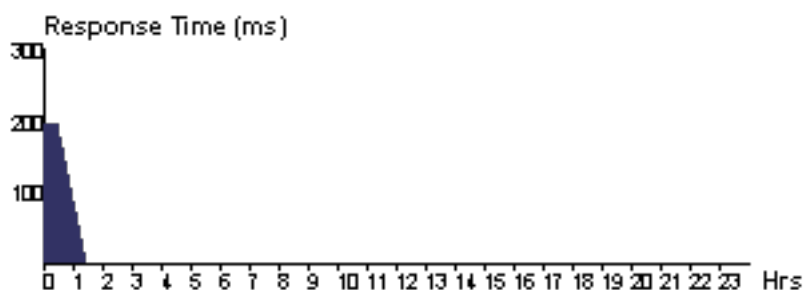


UB33

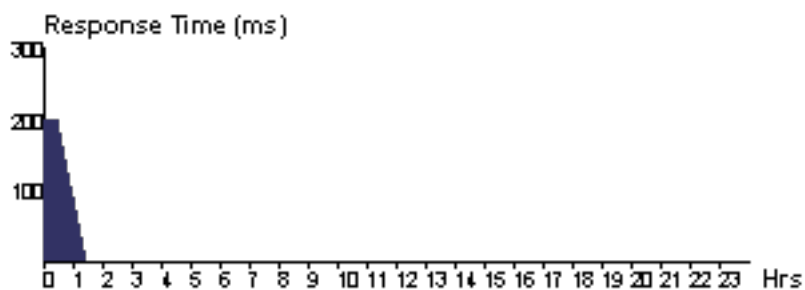
UB34



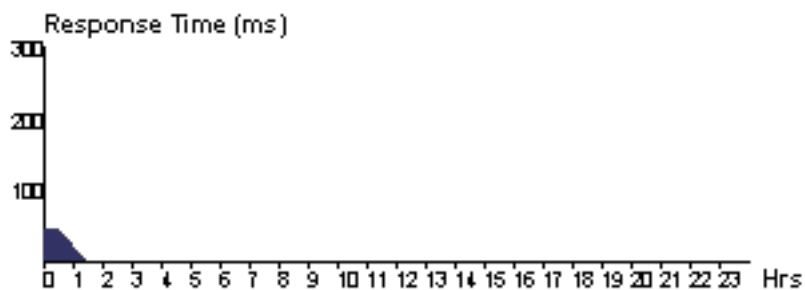
UB35



UB36

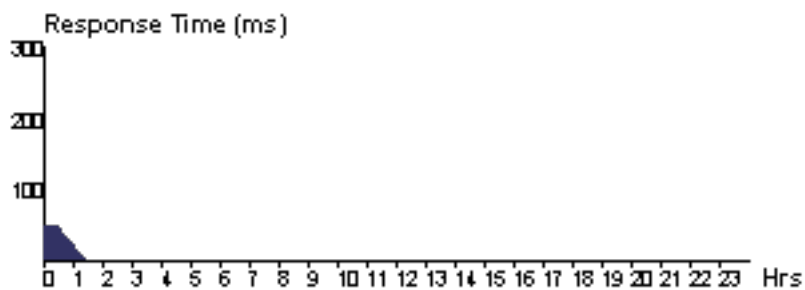
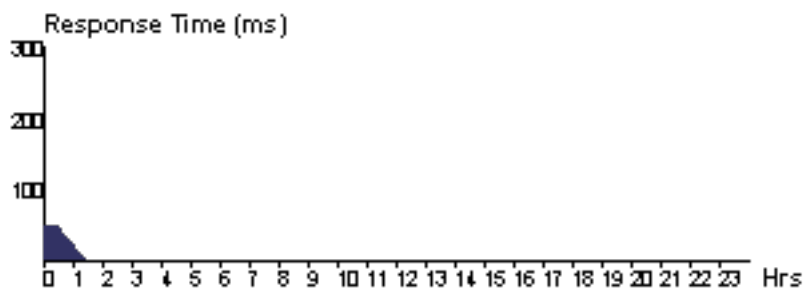


UB37

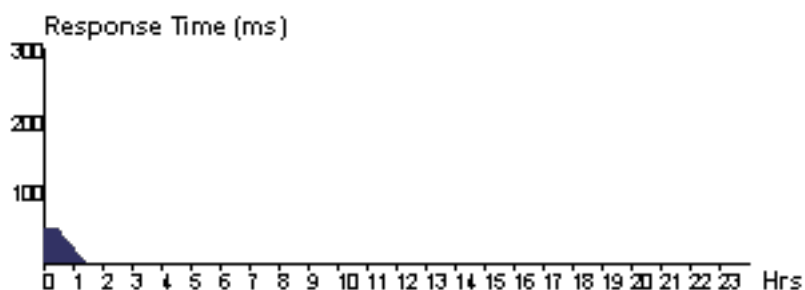


UB38

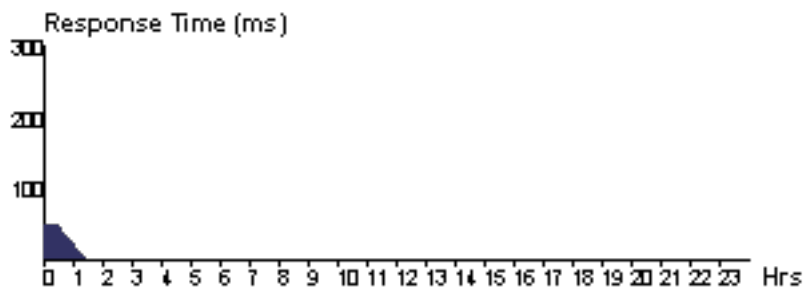
UB39



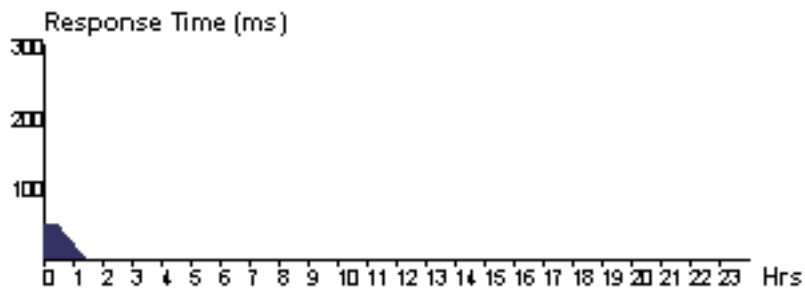
UB4



UB40

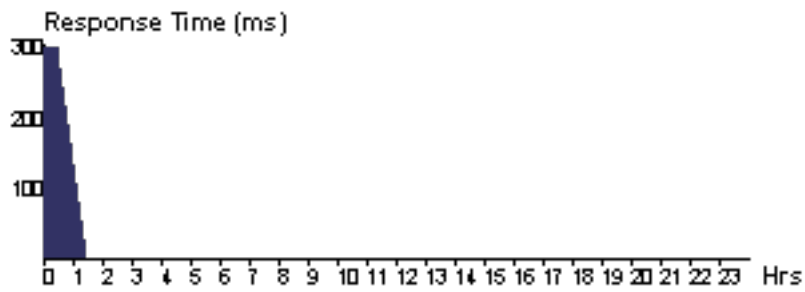
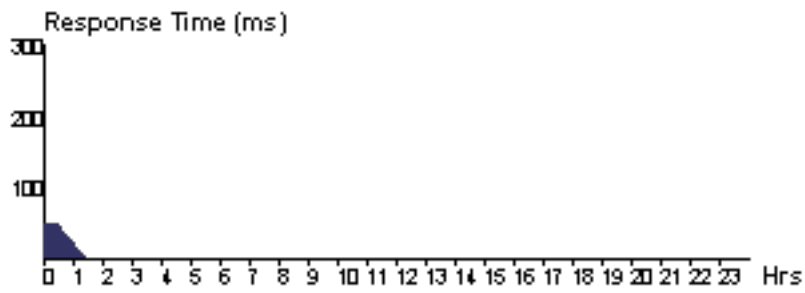


UB41

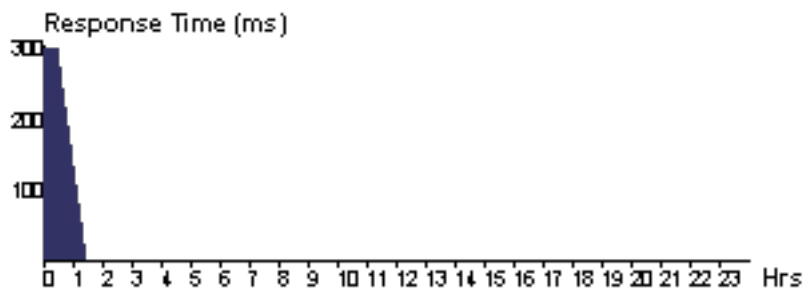


UB42

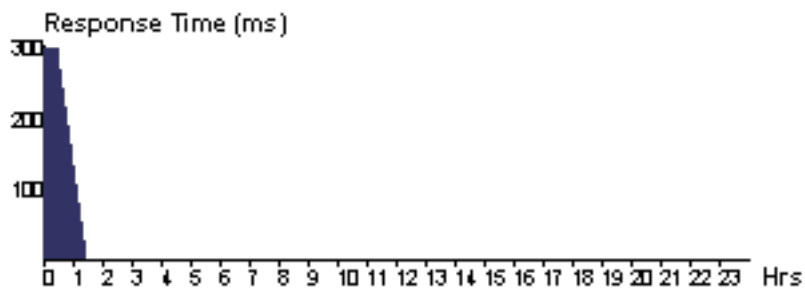
UB43



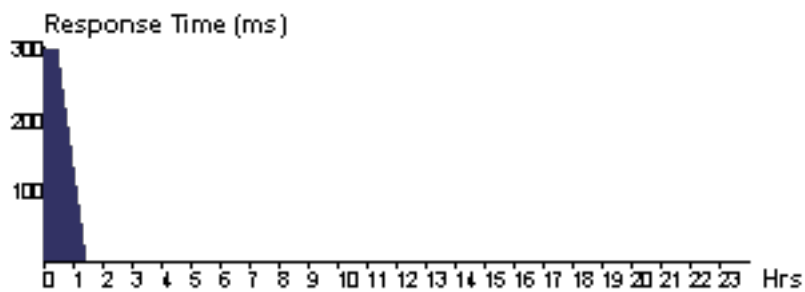
UB44



UB45

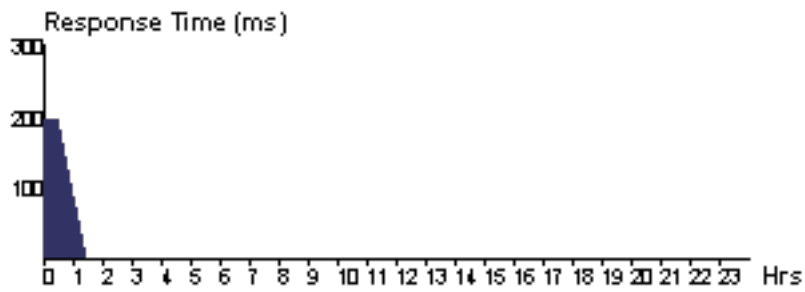
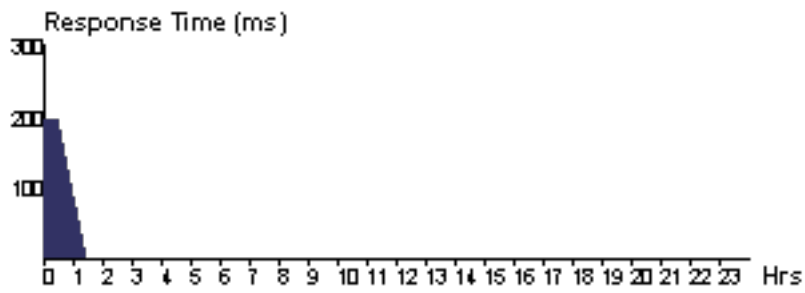


UB46

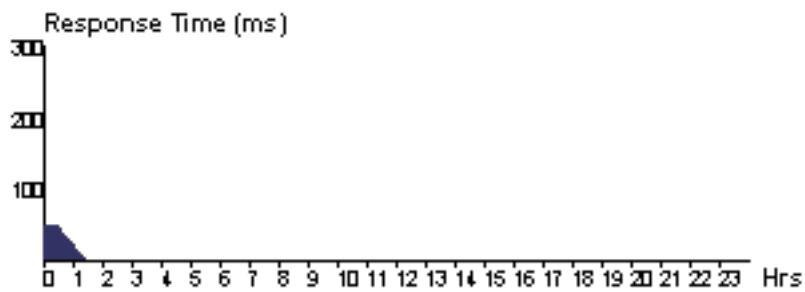


UB47

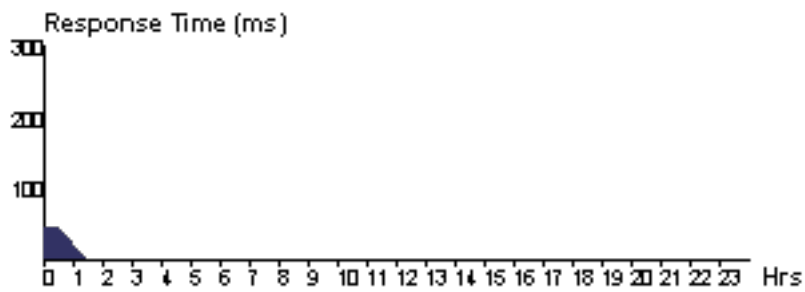
UB48



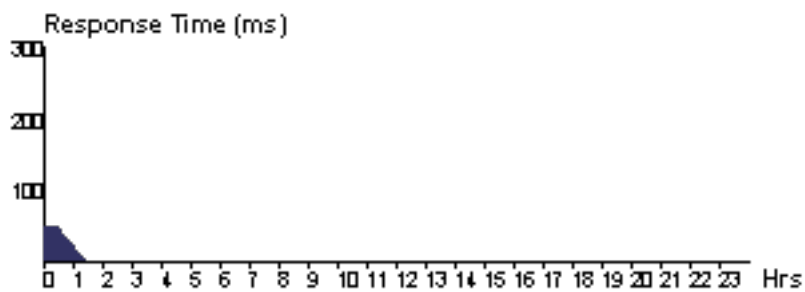
UB49



UB5

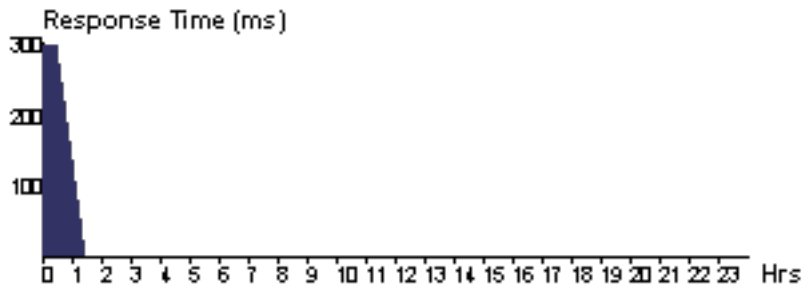
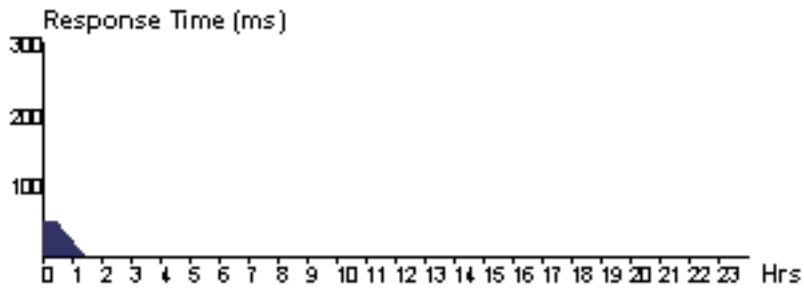


UB50

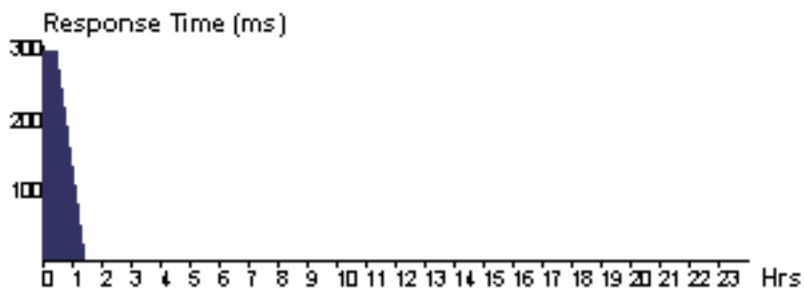


UB6

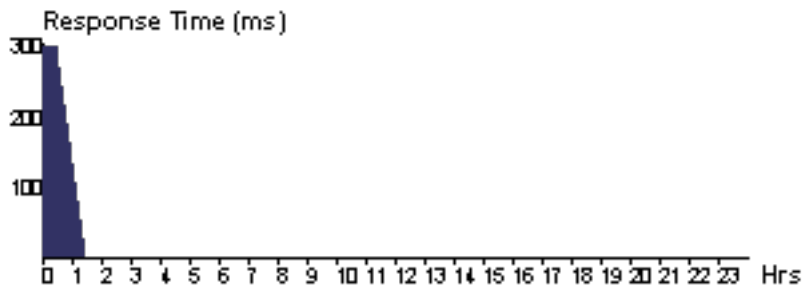
UB7



UB8



UB9



Data Center Request Servicing Times

Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1	0.29	0.00	0.89
DC2	0.50	0.02	1.07
DC3	0.42	0.02	1.00

Data Center Hourly Average Processing Times

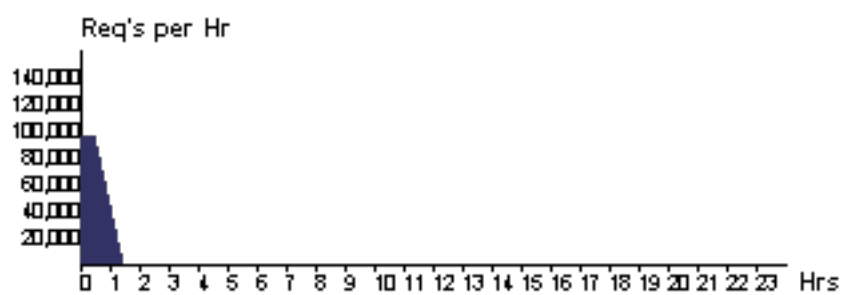
DC1

DC2

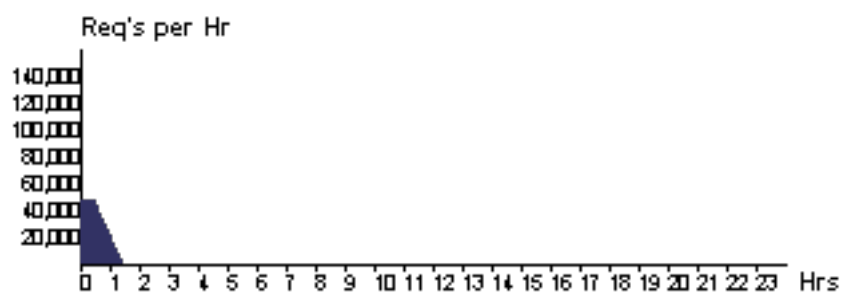
DC3

Data Center Hourly Loading

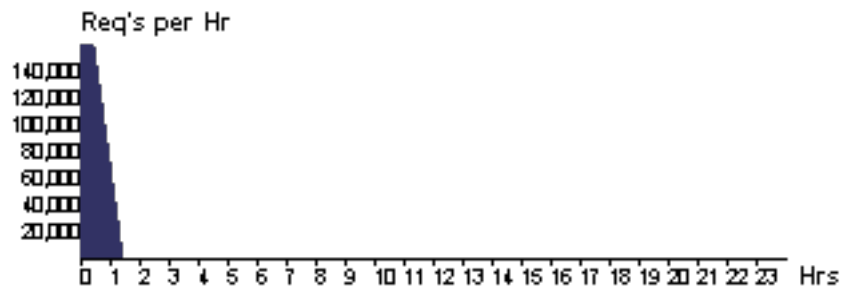
DC1



DC2



DC3



Cost

Total Virtual Machine Cost (\$):	1.50
Total Data Transfer Cost (\$):	3.20
Grand Total: (\$)	4.70

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC2	0.50	0.51	1.01
DC1	0.50	1.02	1.52
DC3	0.50	1.67	2.17