



KALINGA INSTITUTE OF INDUSTRIAL TECHNOLOGY (KIIT)

Deemed to be University U/S 3 of UGC Act, 1956

CC LAB ASSIG

- Name : HITU RAJ
- Roll no. : 2005025
- Branch : CSE-10

Results of the Simulation Completed at: 07/02/2023 02:35:57

1.ROUND ROBIN

Overall Response Time Summary

	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	318.80	40.83	609.02
Data Center processing time:	1.24	0.02	2.57

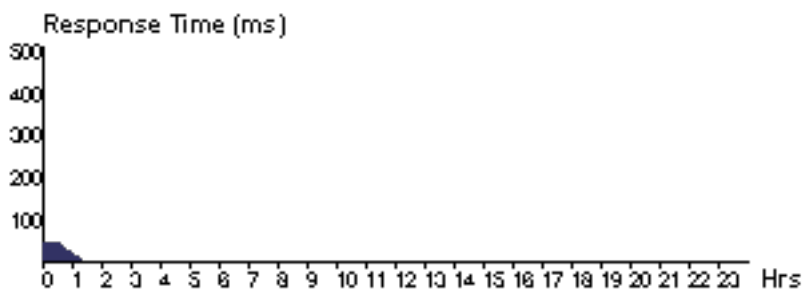
Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB10_025	50.72	41.96	57.51
UB11_025	505.01	410.14	581.52
UB12_025	507.35	410.24	582.78
UB13_025	498.23	395.12	577.76
UB14_025	503.20	431.52	594.02
UB15_025	501.11	382.72	564.02
UB16_025	494.74	409.02	558.82
UB17_025	509.60	431.29	582.67
UB18_025	497.92	398.82	581.52
UB19_025	498.74	397.87	592.78
UB1_025	50.93	43.51	63.76
UB20_025	507.14	439.00	591.49
UB21_025	497.39	409.02	609.02
UB22_025	498.93	422.72	593.78
UB23_025	497.91	416.52	570.16
UB24_025	494.48	396.47	580.43
UB25_025	503.07	392.66	575.11
UB26_025	497.70	434.02	596.52
UB27_025	502.03	427.58	599.02
UB28_025	496.96	406.43	585.08
UB29_025	504.80	424.02	577.64
UB2_025	50.32	40.83	60.86
UB30_025	502.64	408.97	571.37
UB31_025	198.16	166.35	229.52
UB32_025	203.28	166.52	238.54
UB33_025	200.67	167.43	240.10

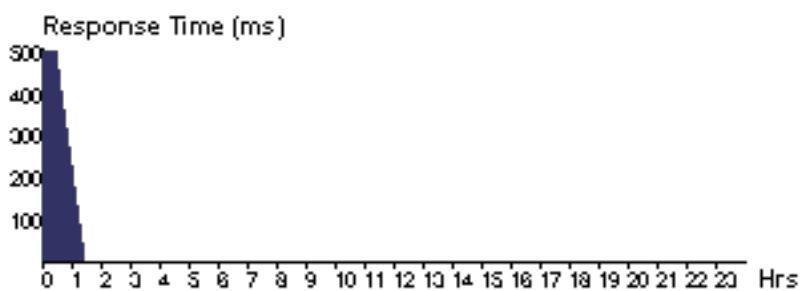
UB34_025	201.54	175.47	234.52
UB35_025	200.92	164.17	238.20
UB36_025	202.40	168.19	234.04
UB37_025	201.29	165.10	232.52
UB38_025	201.16	154.46	236.52
UB39_025	200.29	169.40	230.11
UB3_025	297.68	253.38	346.62
UB40_025	203.14	167.52	254.38
UB4_025	51.24	44.27	59.81
UB5_025	50.99	43.79	61.76
UB6_025	51.49	43.01	59.59
UB7_025	51.49	41.59	62.46
UB8_025	51.04	42.26	59.14
UB9_025	50.42	42.76	58.77

User Base Hourly Response Times

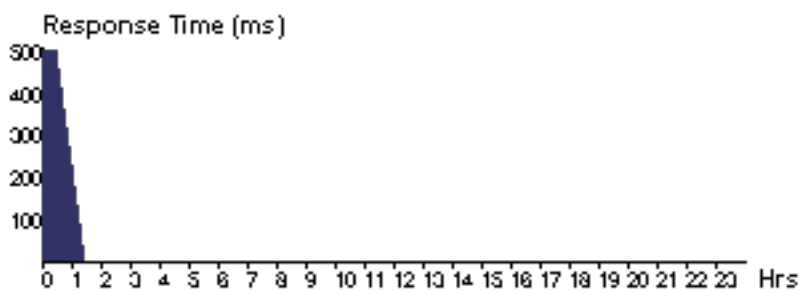
UB10_025



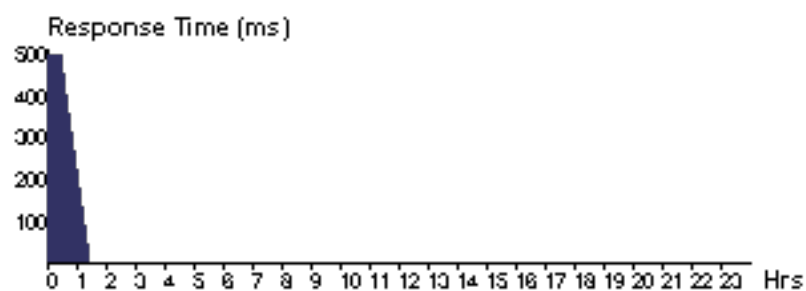
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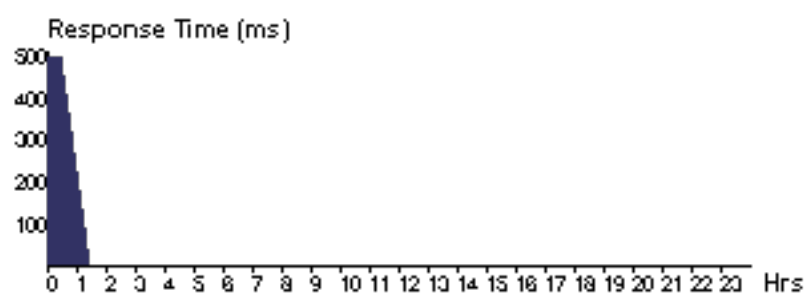
UB12_025



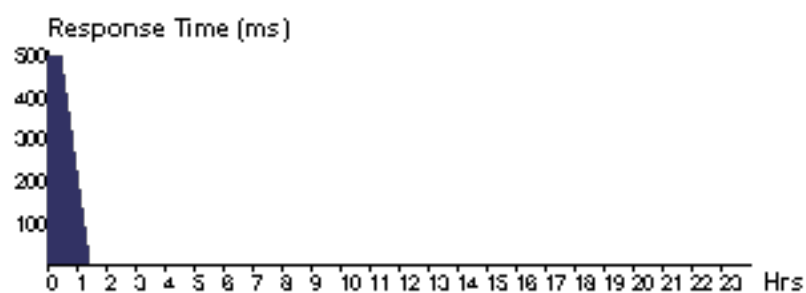
UB13_025



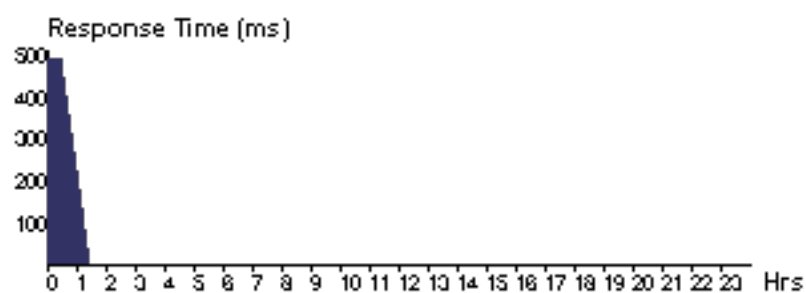
UB14_025



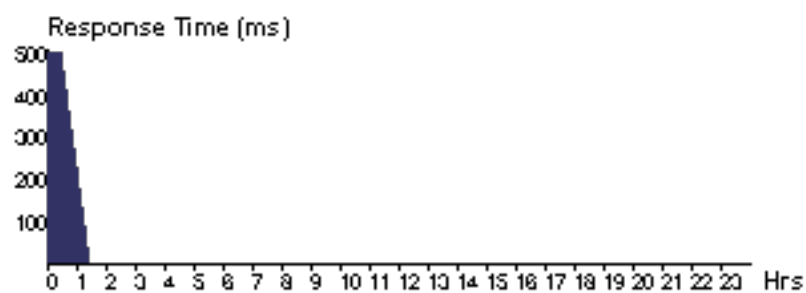
UB15_025



UB16_025

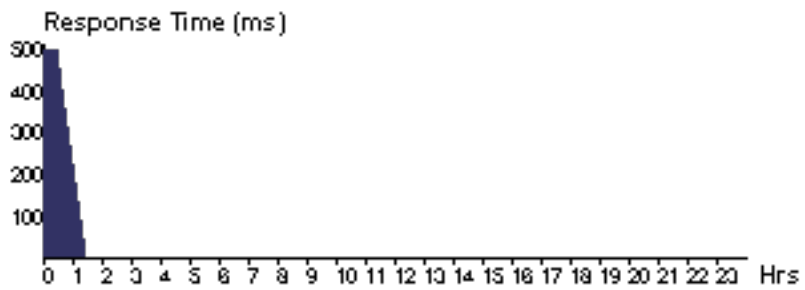
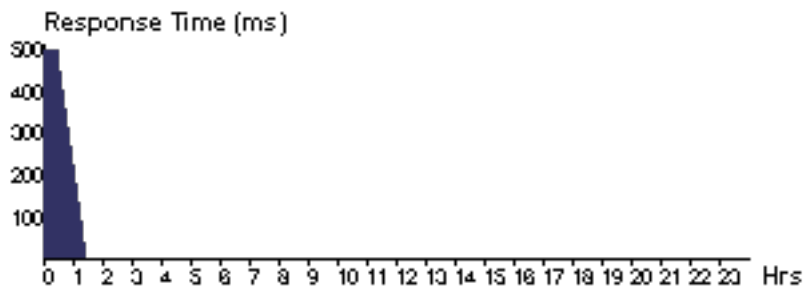


UB17_025

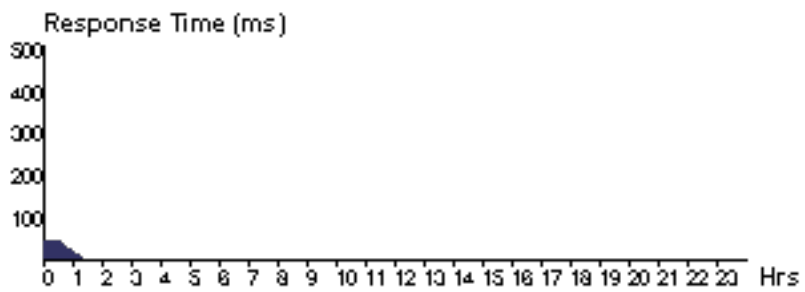


UB18_025

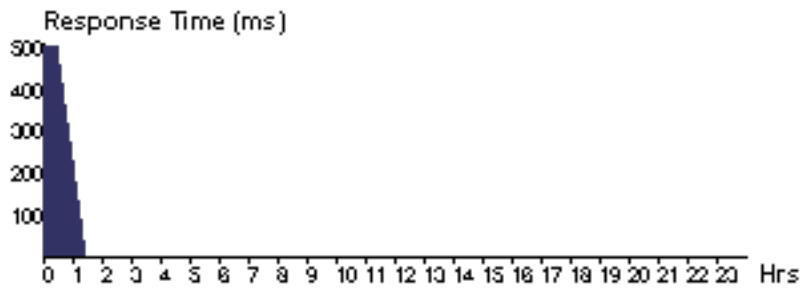
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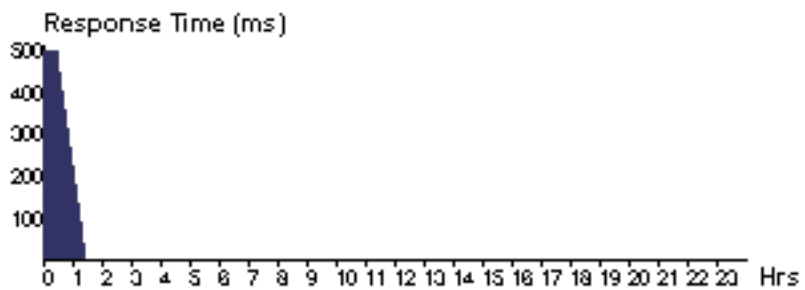
UB1_025



UB20_025

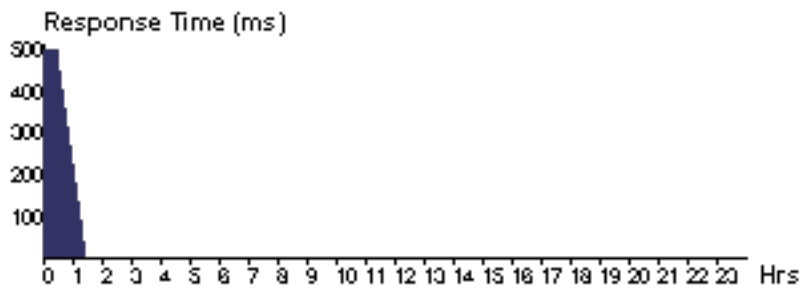
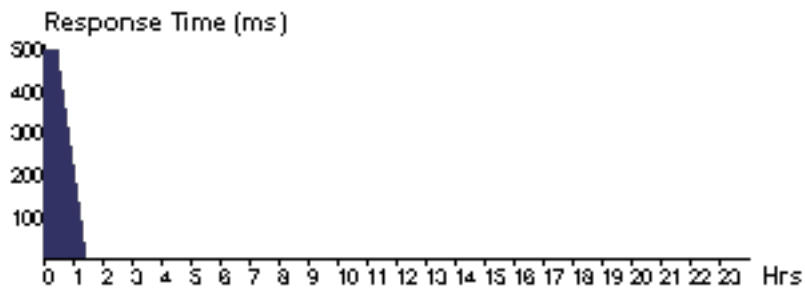


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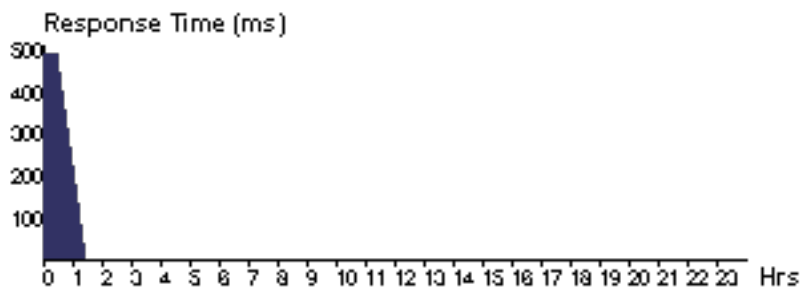


UB22_025

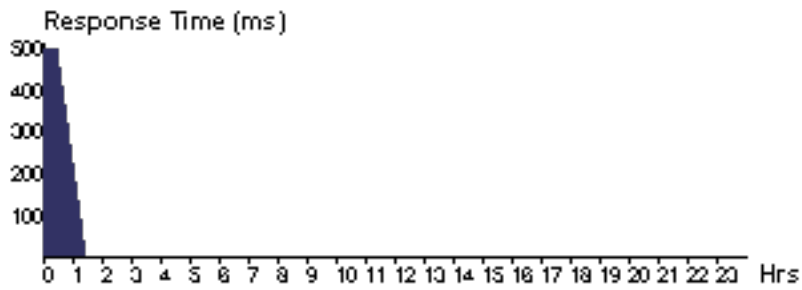
UB23_025



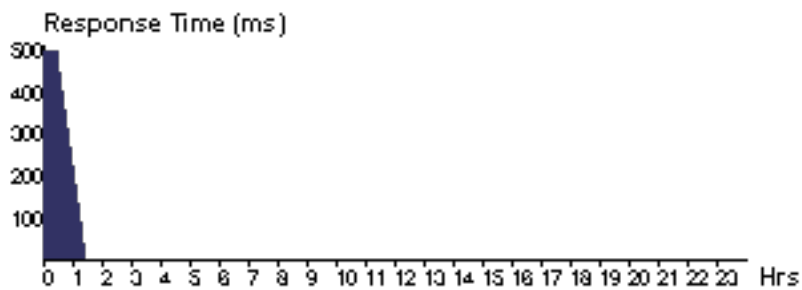
UB24_025



UB25_025

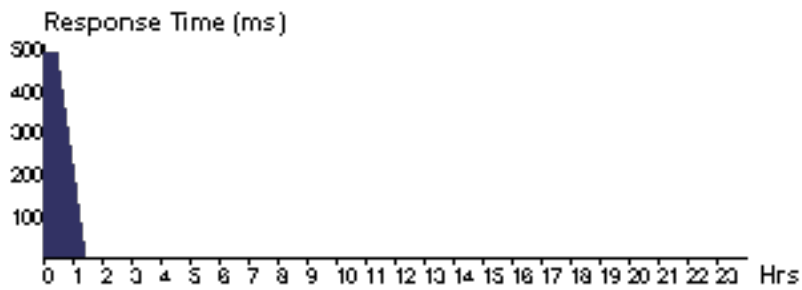
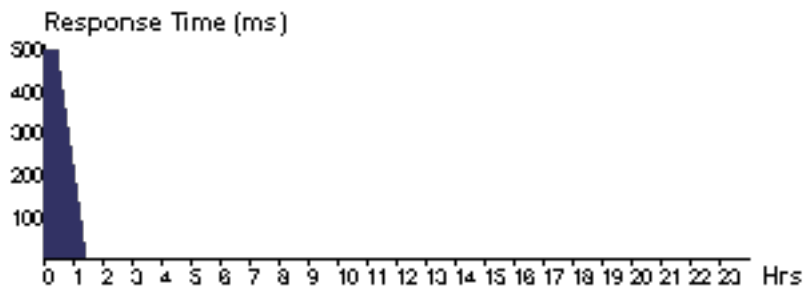


UB26_025

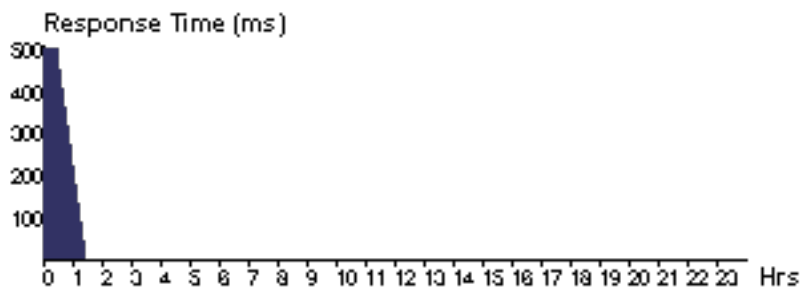


UB27_025

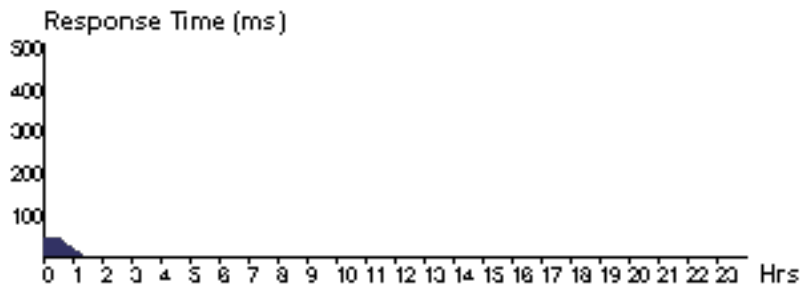
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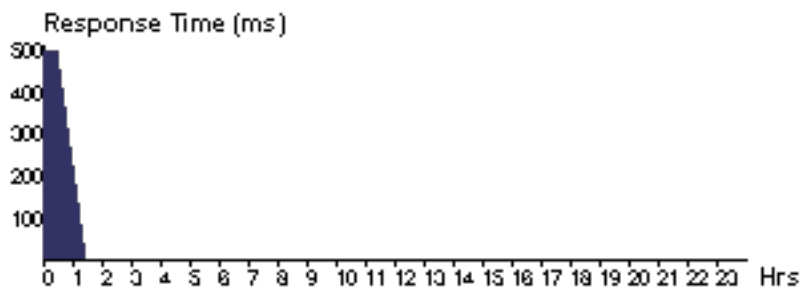
UB29_025



UB2_025

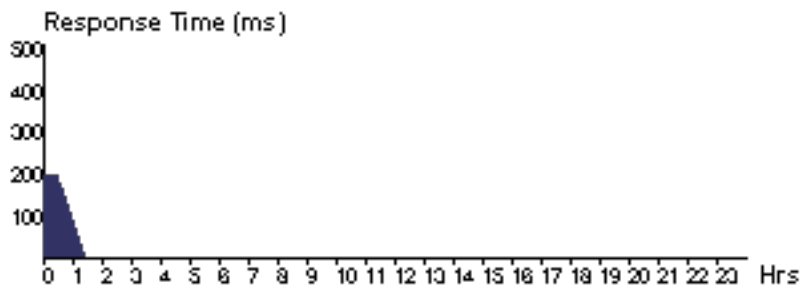
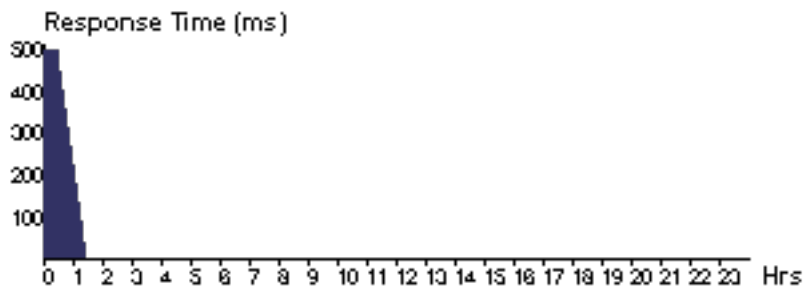


UB30_025

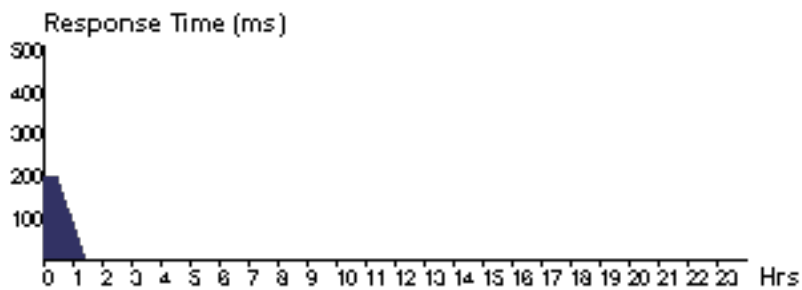


UB31_025

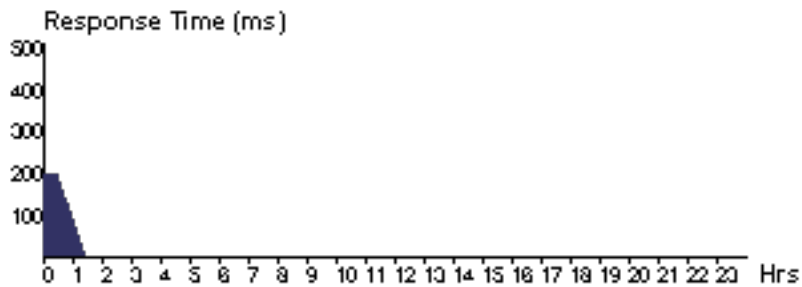
UB32_025



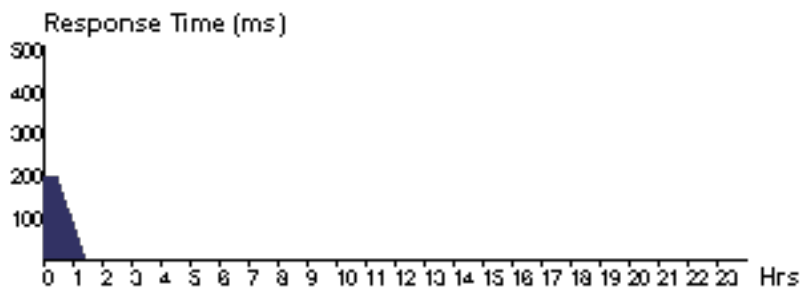
UB33_025



UB34_025

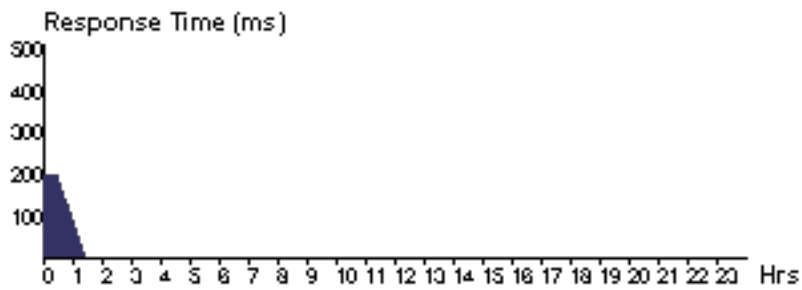
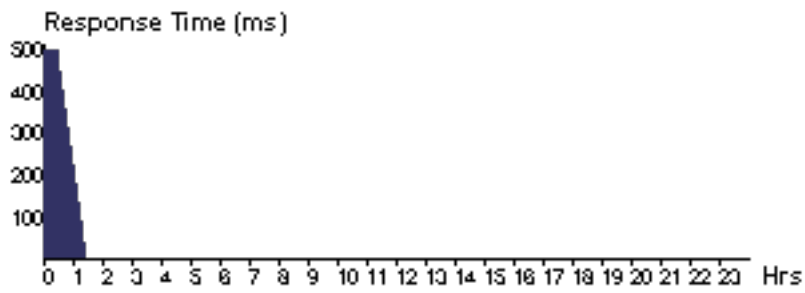


UB35_025

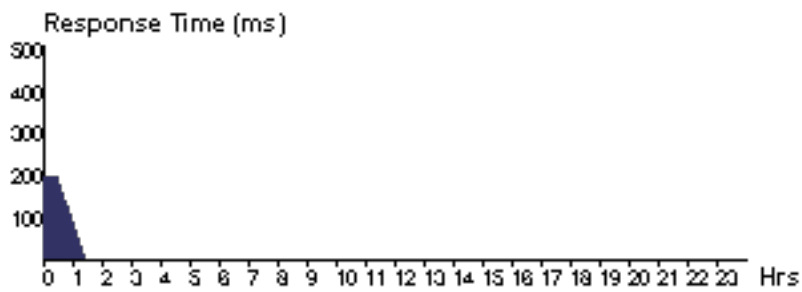


UB36_025

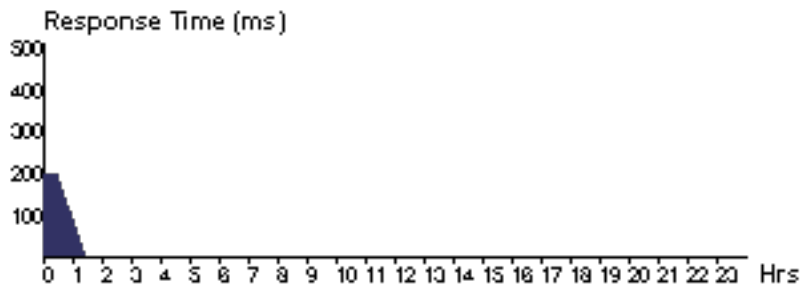
UB37_025



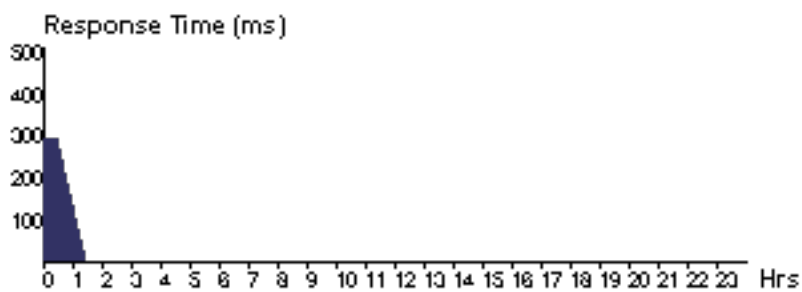
UB38_025



UB39_025

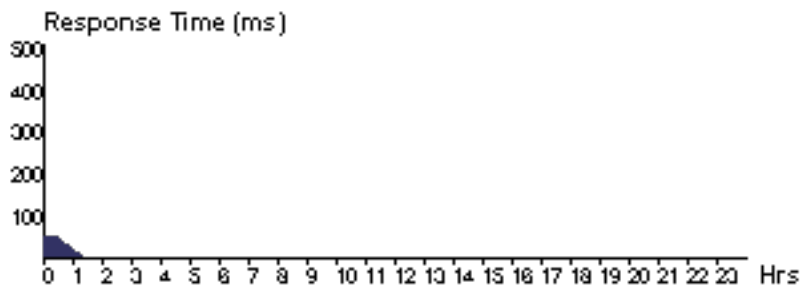
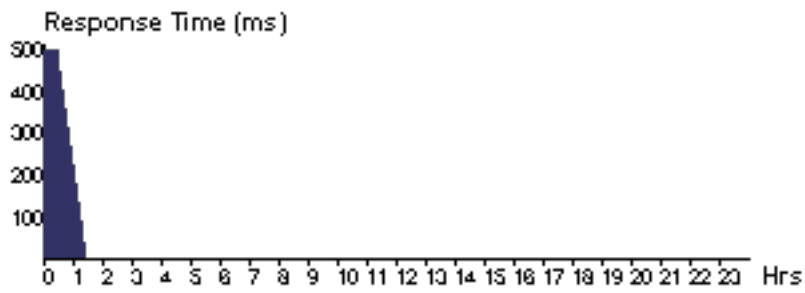


UB3_025

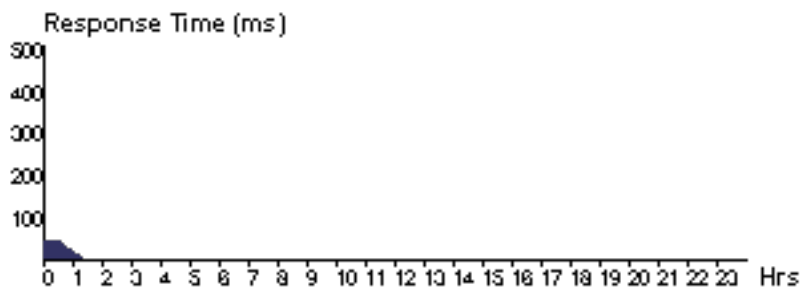


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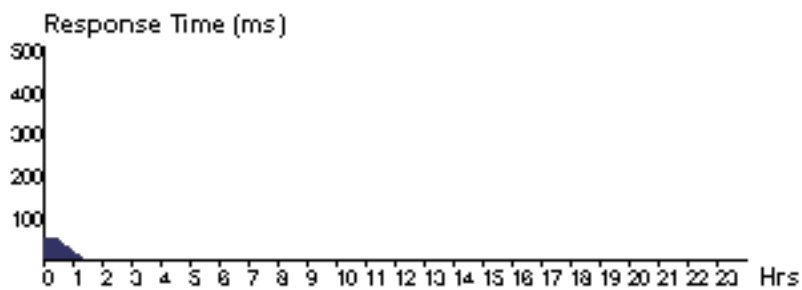
UB4_025



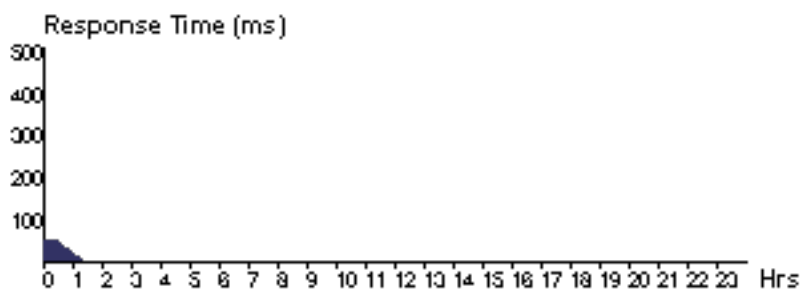
UB5_025



UB6_025

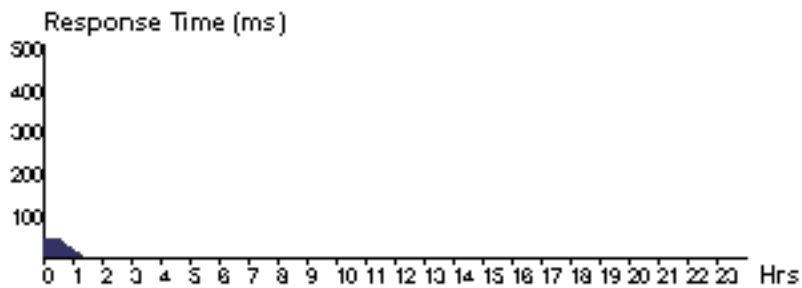
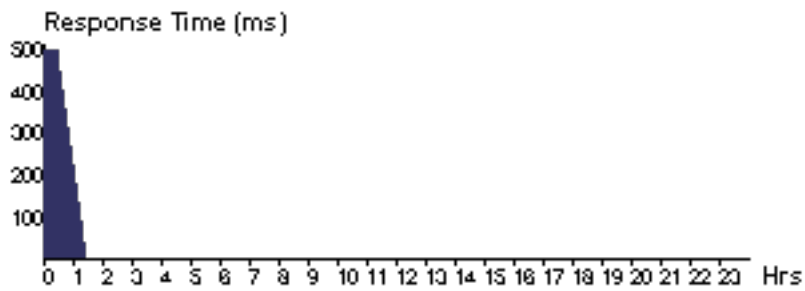


UB7_025



UB8_025

UB9_025

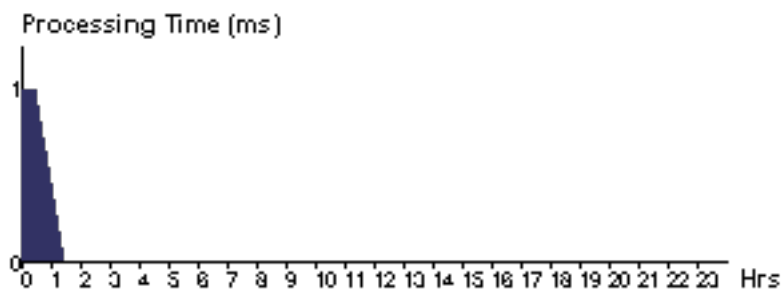


Data Center Request Servicing Times

Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1_025	1.24	0.02	2.57

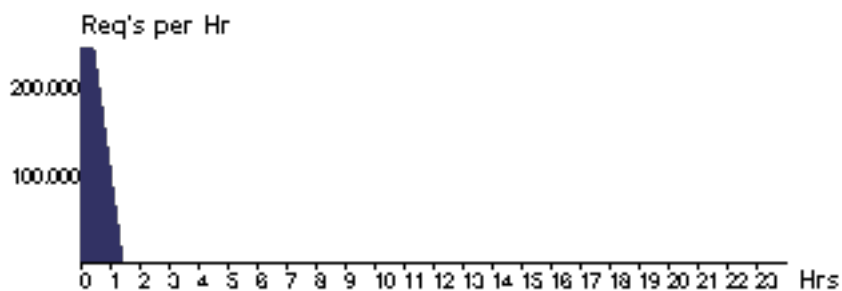
Data Center Hourly Average Processing Times

DC1_025



Data Center Hourly Loading

DC1_025



Cost

Total Virtual Machine Cost (\$): 0.50
Total Data Transfer Cost (\$): 2.35
Grand Total: (\$) 2.85

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC1_025	0.50	2.35	2.85

2. EQUALLY SPREAD CURRENT EXECUTION LOAD

Overall Response Time Summary

	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	318.72	41.59	609.02
Data Center processing time:	1.24	0.02	2.29

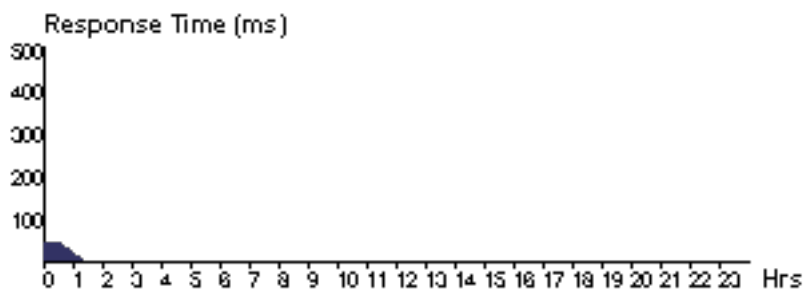
Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB10_025	50.70	41.96	57.51
UB11_025	504.79	410.14	581.52
UB12_025	505.23	396.47	587.84
UB13_025	498.00	395.12	577.76
UB14_025	501.44	431.52	594.02
UB15_025	500.48	382.72	564.02
UB16_025	495.30	409.02	558.82
UB17_025	506.43	431.29	582.67
UB18_025	498.52	398.82	581.52
UB19_025	499.42	397.87	592.78
UB1_025	50.93	43.51	63.76
UB20_025	506.36	439.00	591.49
UB21_025	498.22	409.02	609.02
UB22_025	499.45	422.72	593.78
UB23_025	496.08	416.52	570.16
UB24_025	495.42	405.19	580.43
UB25_025	503.93	392.66	575.11
UB26_025	499.18	434.02	596.52
UB27_025	500.95	422.58	599.02
UB28_025	497.56	406.43	585.08
UB29_025	504.69	432.59	577.64
UB2_025	50.44	42.33	60.86
UB30_025	504.71	416.52	574.00
UB31_025	199.13	166.35	238.53
UB32_025	203.43	166.52	238.54
UB33_025	200.58	167.43	240.10

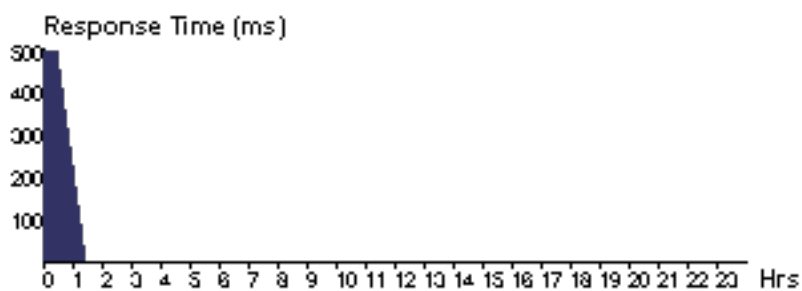
UB34_025	201.28	175.47	235.46
UB35_025	199.41	164.17	233.52
UB36_025	202.19	168.19	234.04
UB37_025	200.24	165.10	232.52
UB38_025	201.87	154.46	236.52
UB39_025	200.88	169.40	230.11
UB3_025	297.31	253.38	346.62
UB40_025	203.93	167.52	254.38
UB4_025	51.15	44.27	59.81
UB5_025	50.97	43.26	61.76
UB6_025	51.70	43.30	59.59
UB7_025	51.61	41.59	62.46
UB8_025	50.99	42.26	59.14
UB9_025	50.47	43.07	58.77

User Base Hourly Response Times

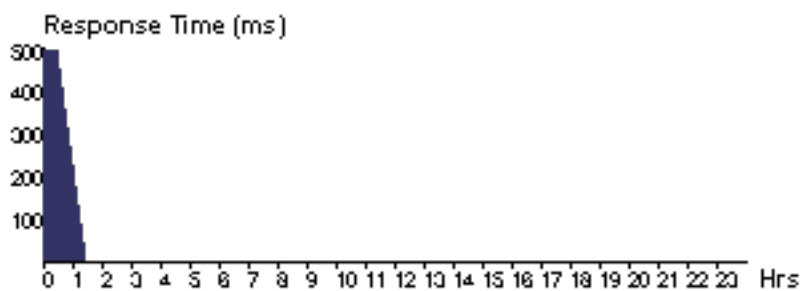
UB10_025



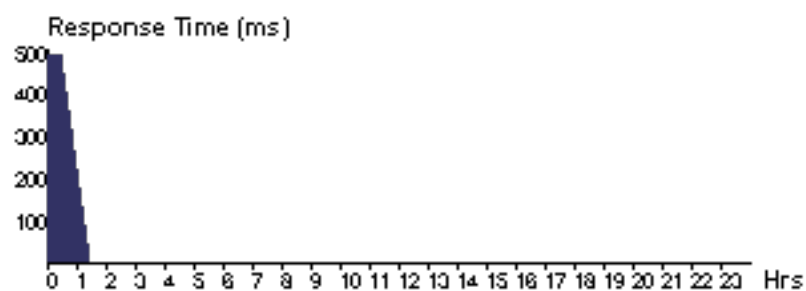
UB11_025



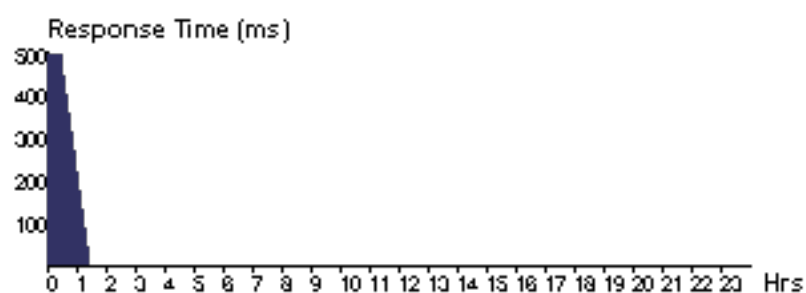
UB12_025



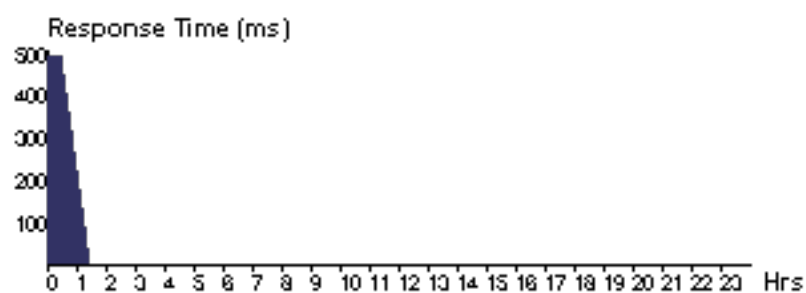
UB13_025



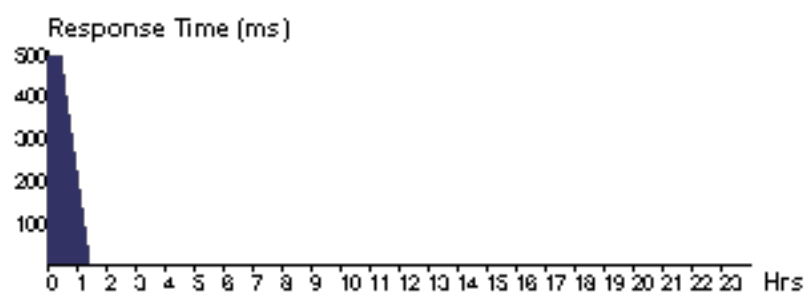
UB14_025



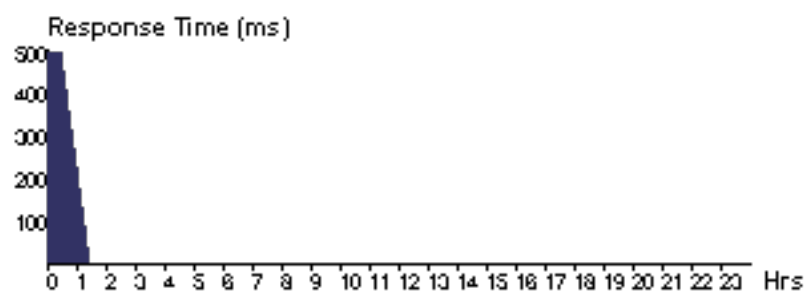
UB15_025



UB16_025

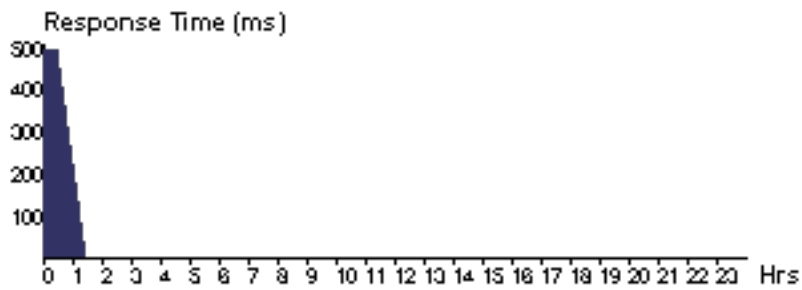
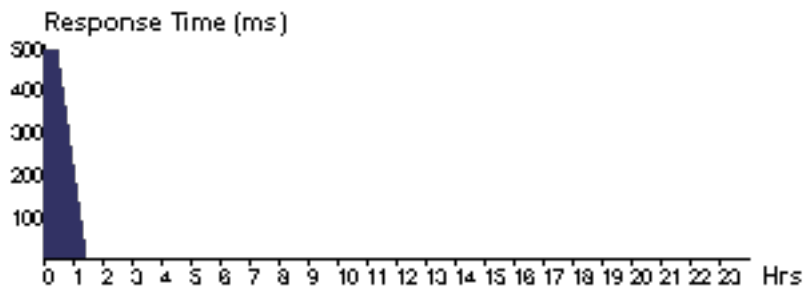


UB17_025

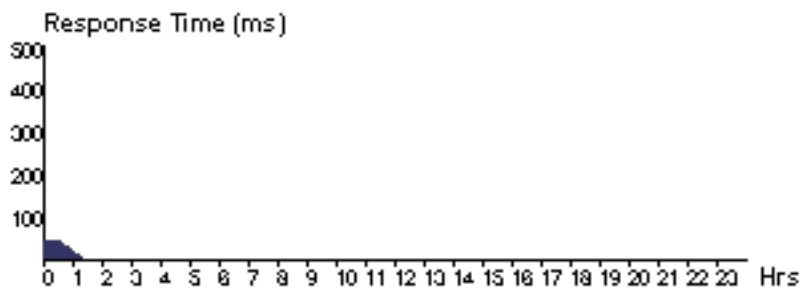


UB18_025

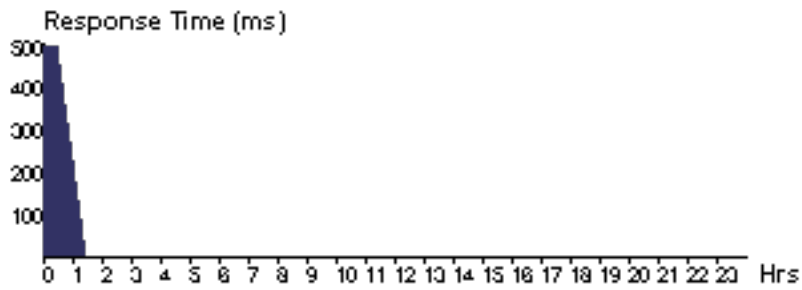
UB19_025



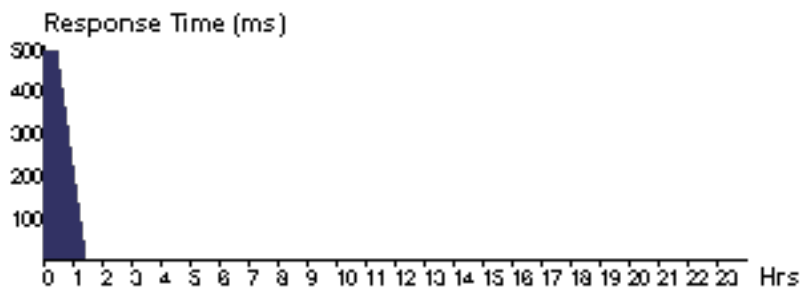
UB1_025



UB20_025

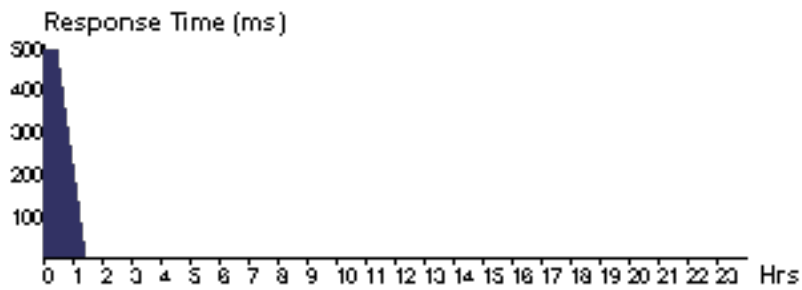
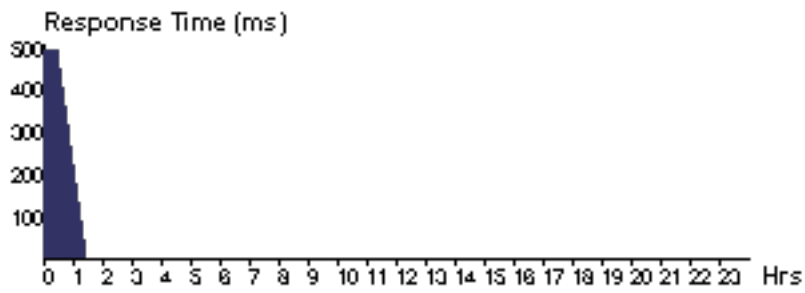


UB21_025

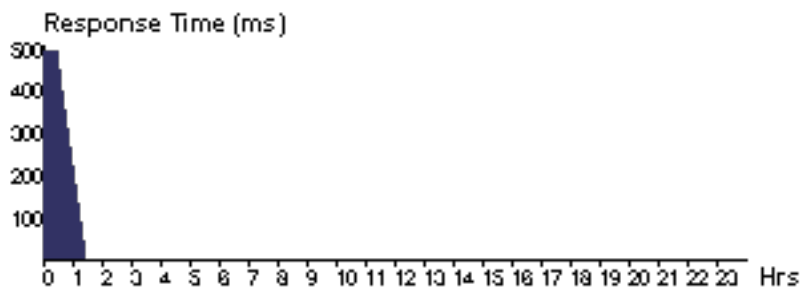


UB22_025

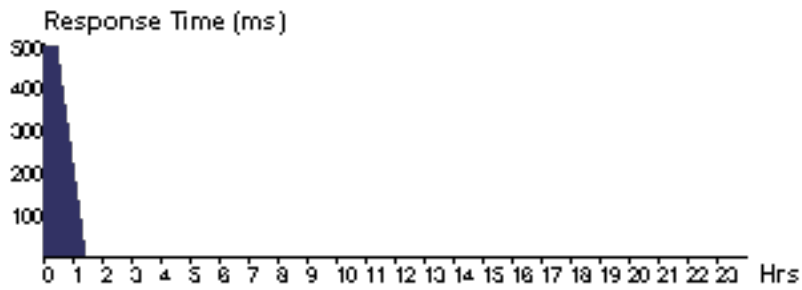
UB23_025



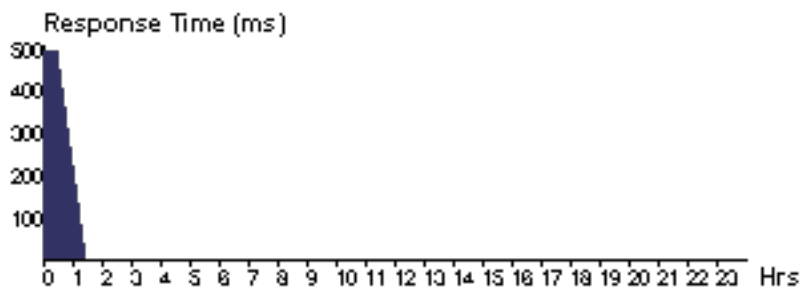
UB24_025



UB25_025

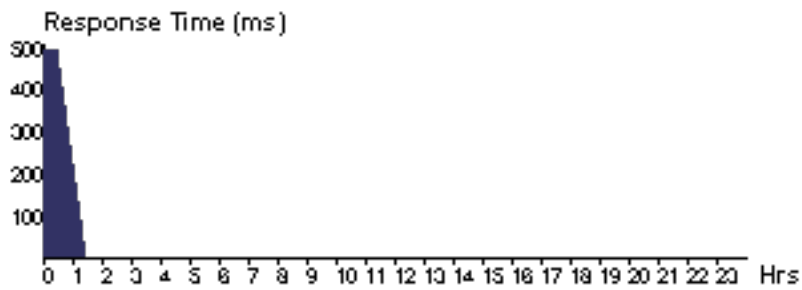
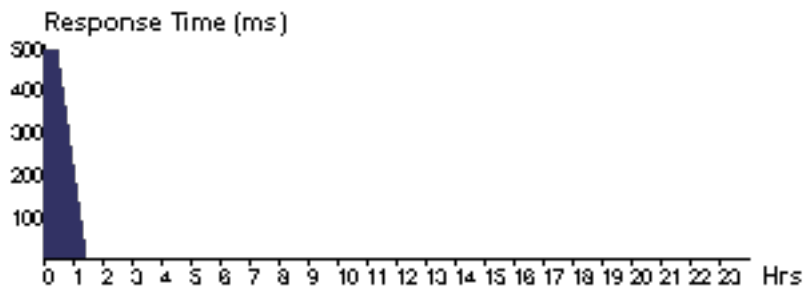


UB26_025

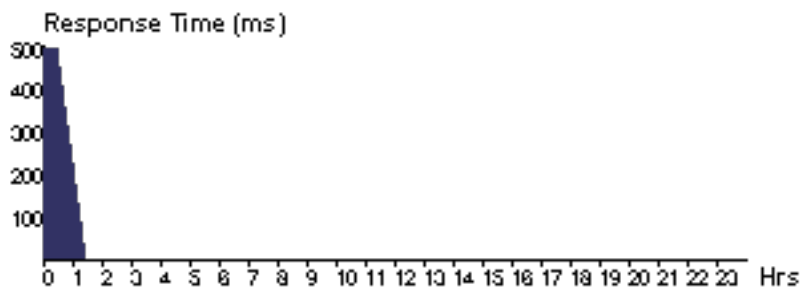


UB27_025

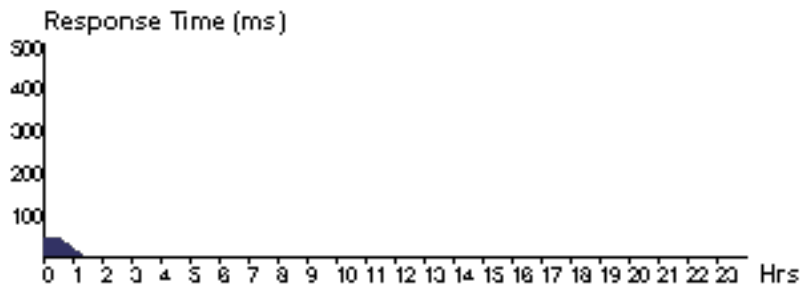
UB28_025



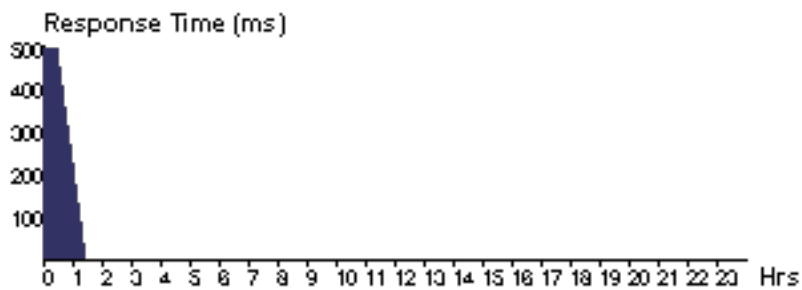
UB29_025



UB2_025

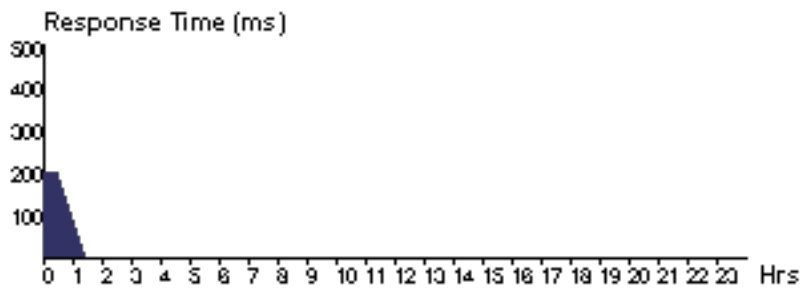
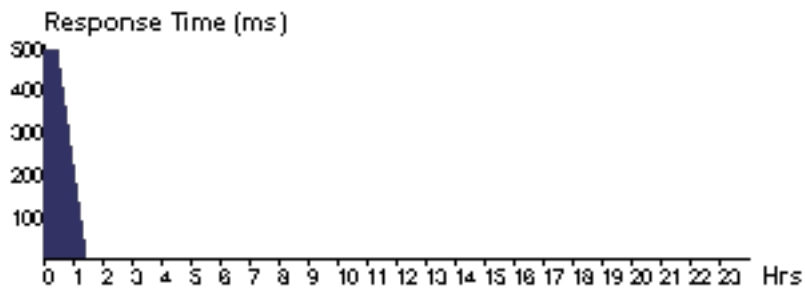


UB30_025

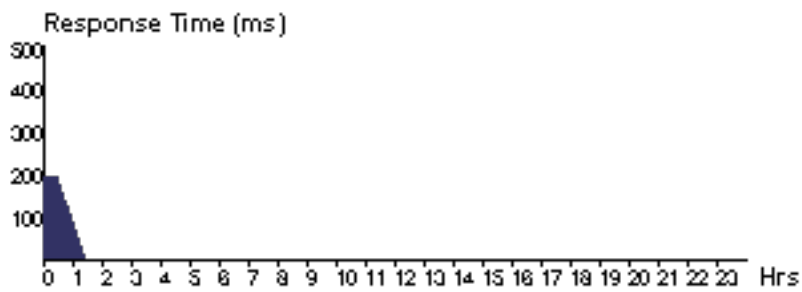


UB31_025

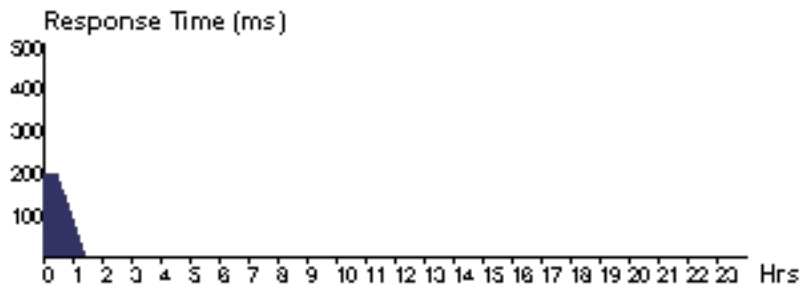
UB32_025



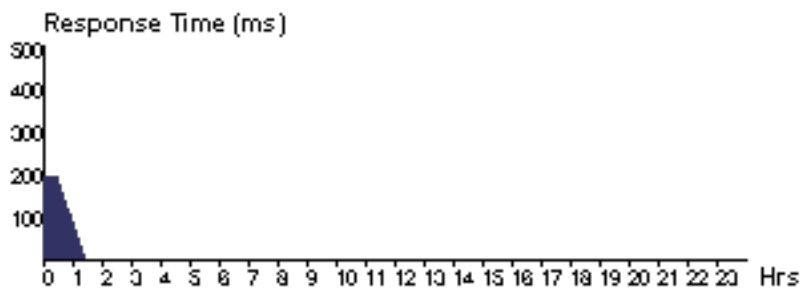
UB33_025



UB34_025

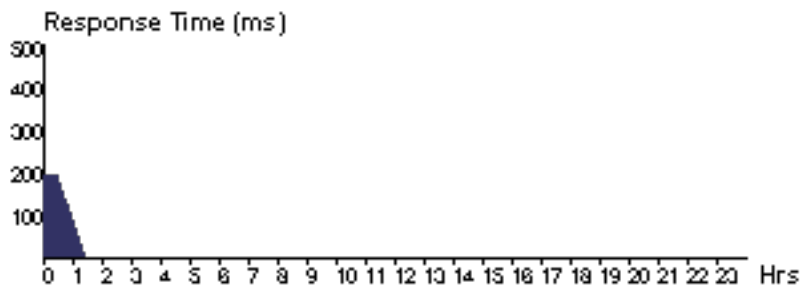
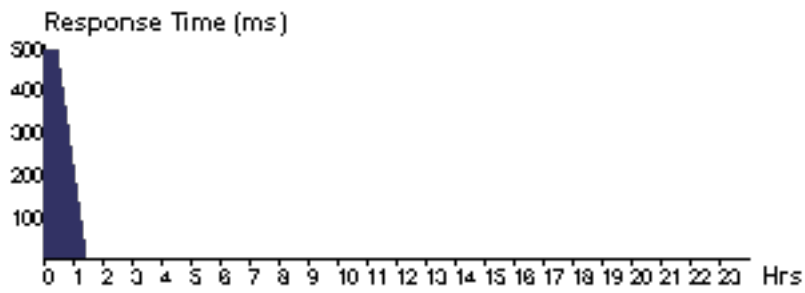


UB35_025

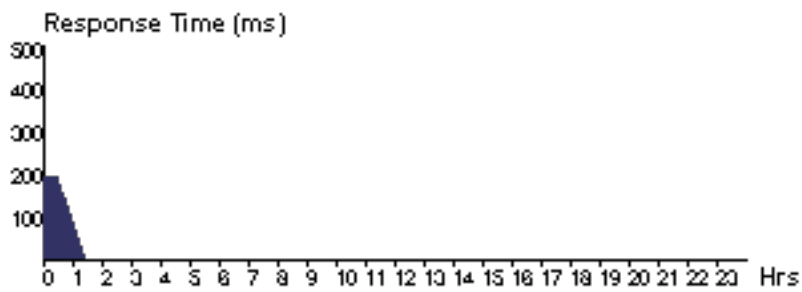


UB36_025

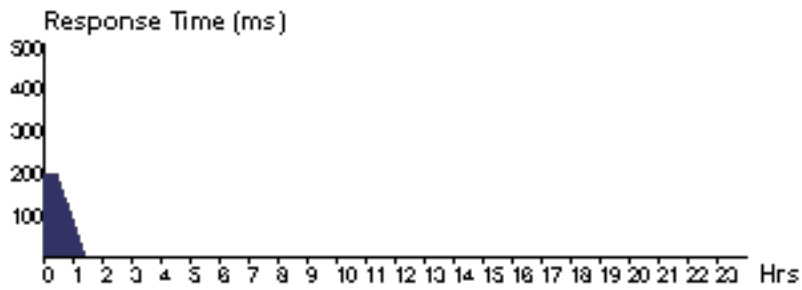
UB37_025



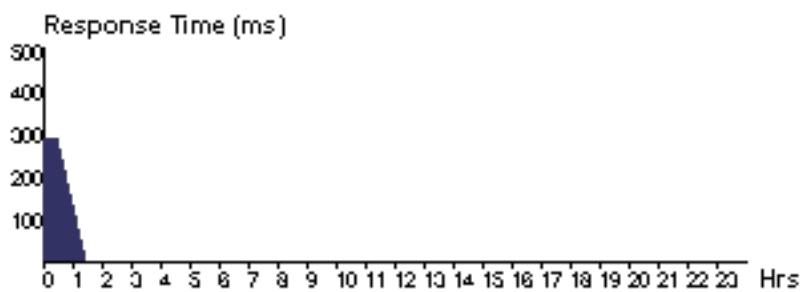
UB38_025



UB39_025

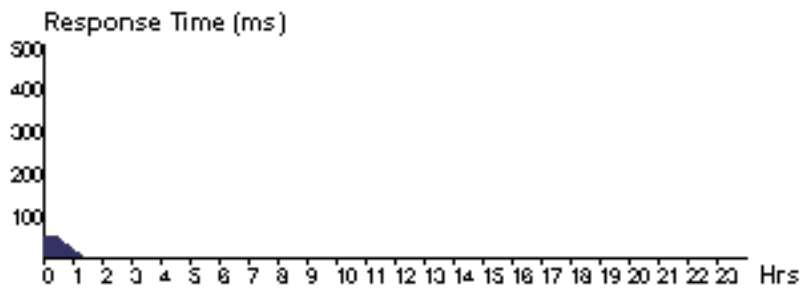
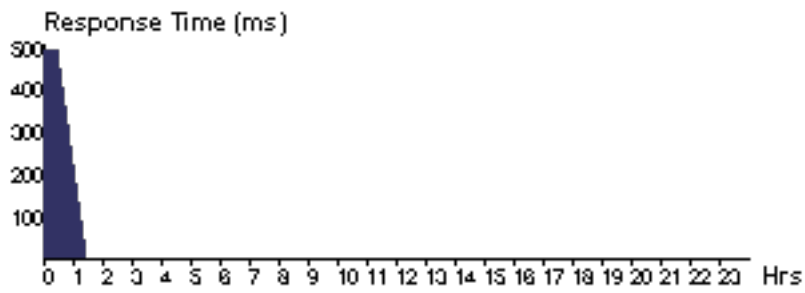


UB3_025

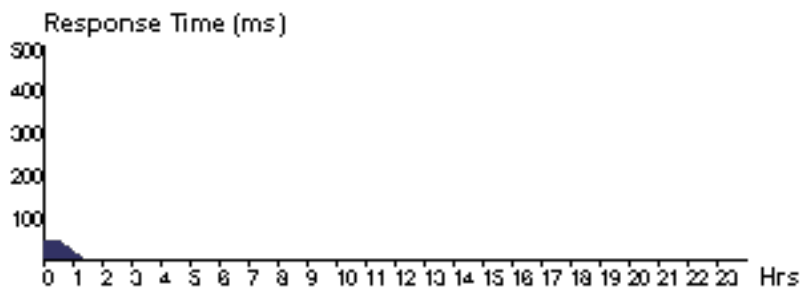


UB40_025

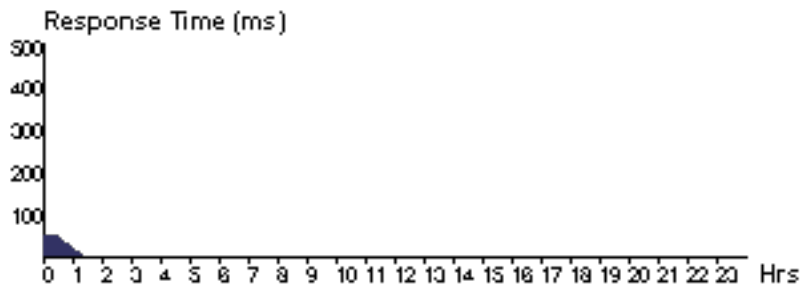
UB4_025



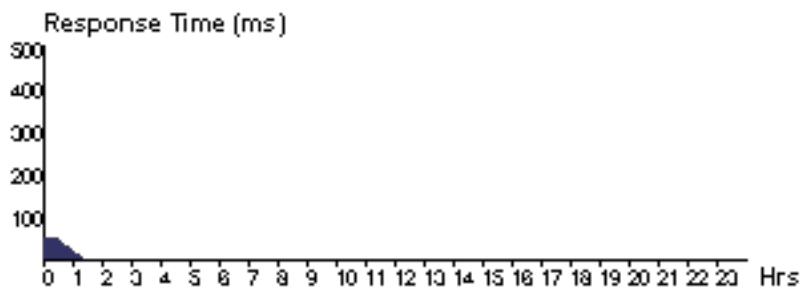
UB5_025



UB6_025

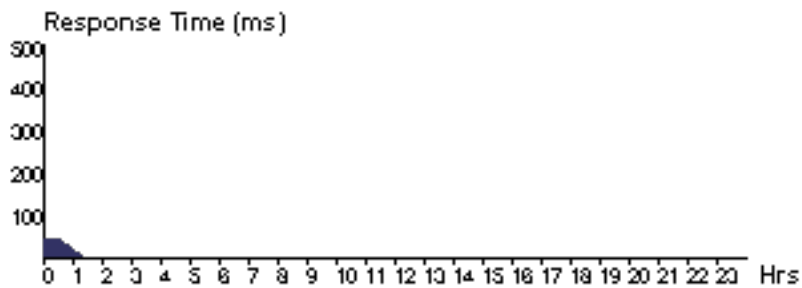
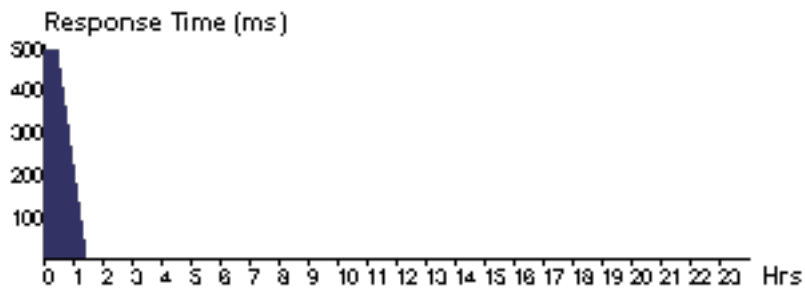


UB7_025



UB8_025

UB9_025

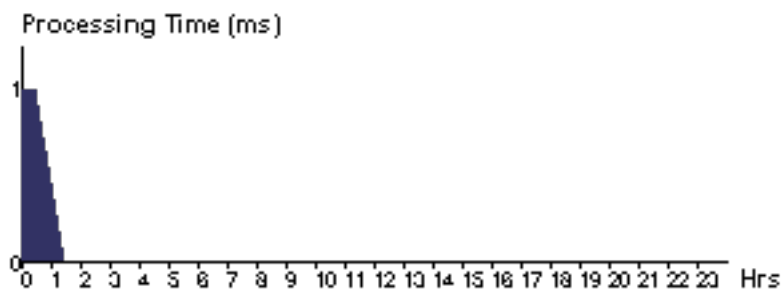


Data Center Request Servicing Times

Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1_025	1.24	0.02	2.29

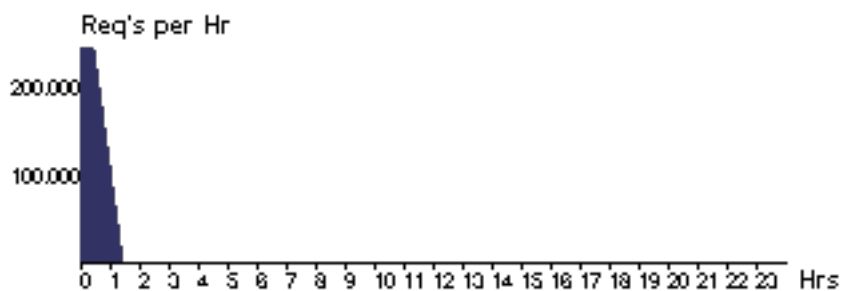
Data Center Hourly Average Processing Times

DC1_025



Data Center Hourly Loading

DC1_025



Cost

Total Virtual Machine Cost (\$): 0.50
Total Data Transfer Cost (\$): 2.35
Grand Total: (\$) 2.85

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC1_025	0.50	2.35	2.85

3. THROTTLE

Overall Response Time Summary

	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	318.85	41.59	609.02
Data Center processing time:	1.24	0.02	2.27

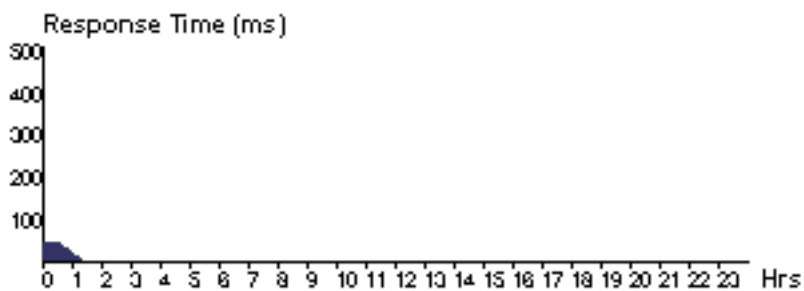
Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB10_025	50.66	41.96	57.51
UB11_025	503.37	410.14	581.52
UB12_025	503.38	396.47	587.84
UB13_025	499.74	415.41	577.76
UB14_025	503.77	405.20	594.02
UB15_025	500.26	382.72	564.02
UB16_025	493.96	396.54	558.82
UB17_025	505.89	431.29	582.67
UB18_025	497.60	398.82	581.52
UB19_025	497.37	397.87	592.78
UB1_025	51.08	43.51	63.76
UB20_025	508.70	439.00	591.49
UB21_025	499.57	409.02	609.02
UB22_025	501.31	422.72	593.78
UB23_025	498.71	416.52	570.16
UB24_025	494.56	422.62	580.43
UB25_025	503.87	392.66	575.11
UB26_025	495.66	433.97	596.52
UB27_025	502.54	427.58	599.02
UB28_025	499.76	406.43	584.00
UB29_025	505.54	432.59	577.64
UB2_025	50.45	42.33	60.86
UB30_025	505.68	416.52	586.54
UB31_025	198.76	166.35	244.46
UB32_025	202.87	166.52	236.54
UB33_025	200.58	167.43	240.10

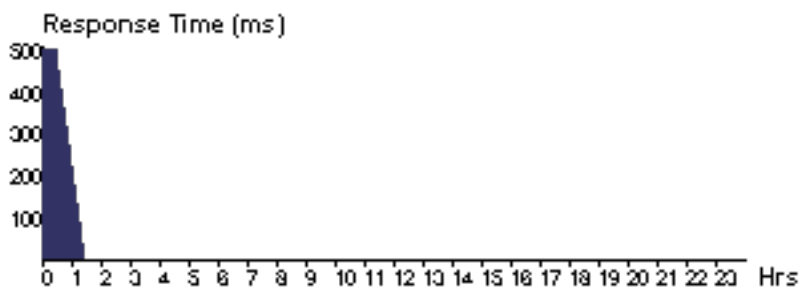
UB34_025	201.42	175.47	235.46
UB35_025	200.66	164.17	233.52
UB36_025	201.72	168.19	234.04
UB37_025	200.81	165.10	232.52
UB38_025	201.87	154.46	236.52
UB39_025	200.57	169.40	230.11
UB3_025	298.26	253.38	346.62
UB40_025	203.30	167.52	254.38
UB4_025	51.16	44.55	59.01
UB5_025	50.86	43.26	61.76
UB6_025	51.46	43.30	59.59
UB7_025	51.49	41.59	62.46
UB8_025	50.90	42.26	59.14
UB9_025	50.38	42.76	58.77

User Base Hourly Response Times

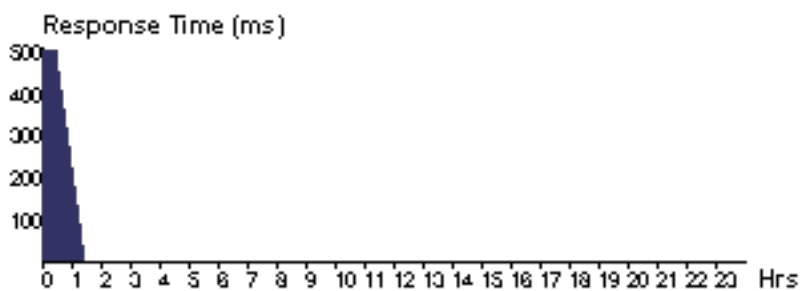
UB10_025



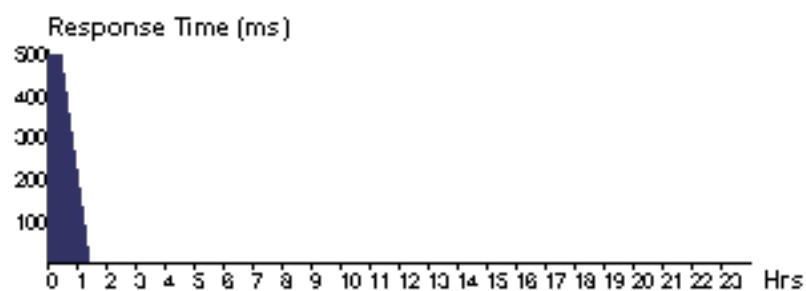
UB11_025



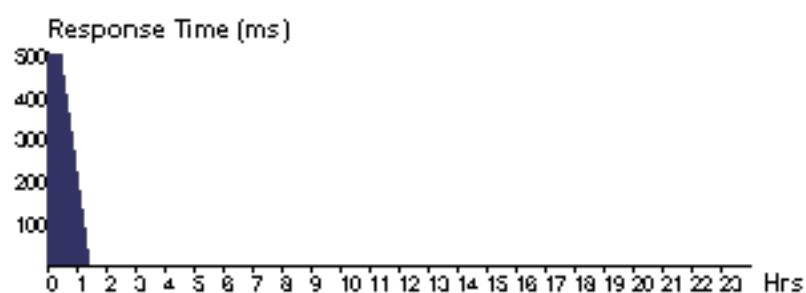
UB12_025



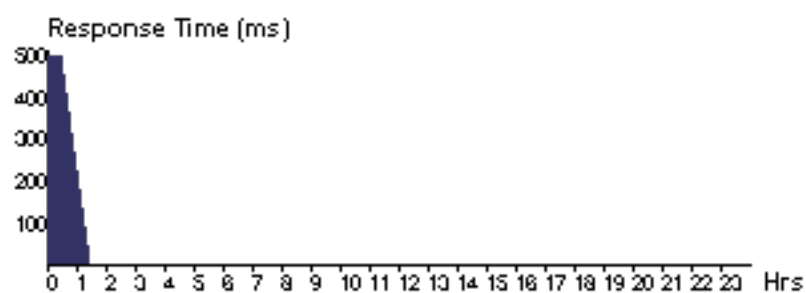
UB13_025



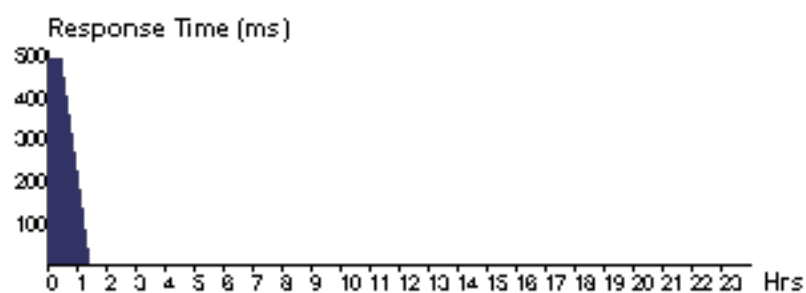
UB14_025



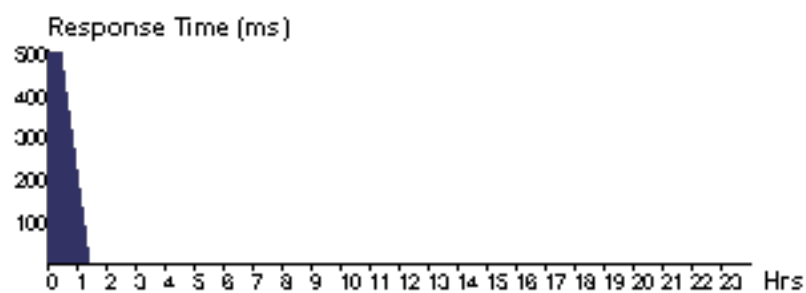
UB15_025



UB16_025

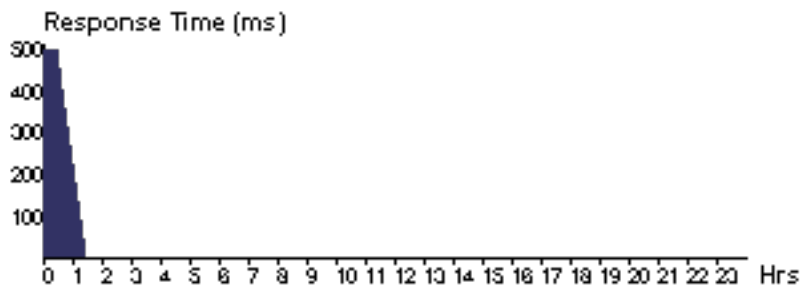
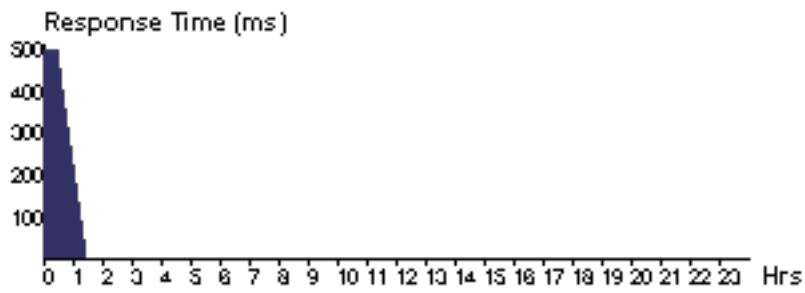


UB17_025

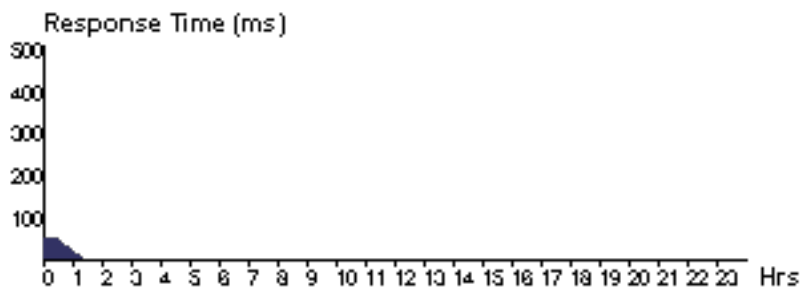


UB18_025

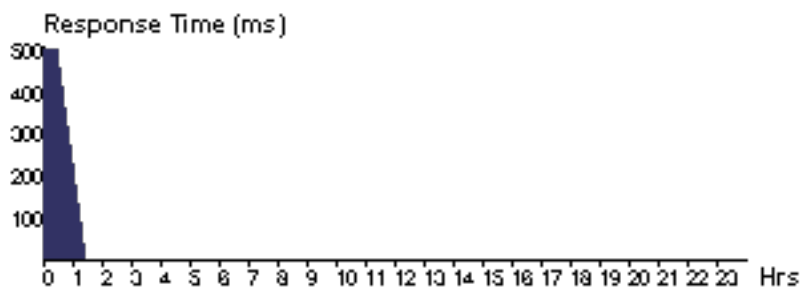
UB19_025



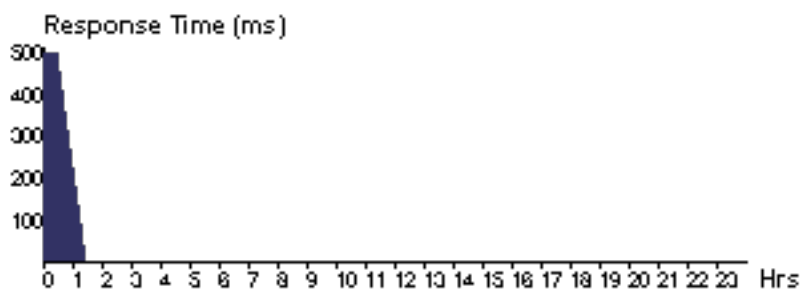
UB1_025



UB20_025

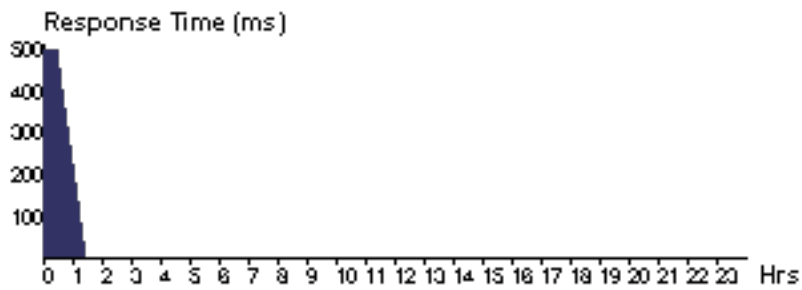
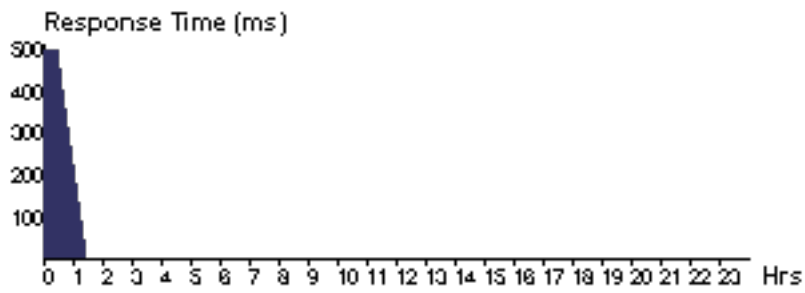


UB21_025

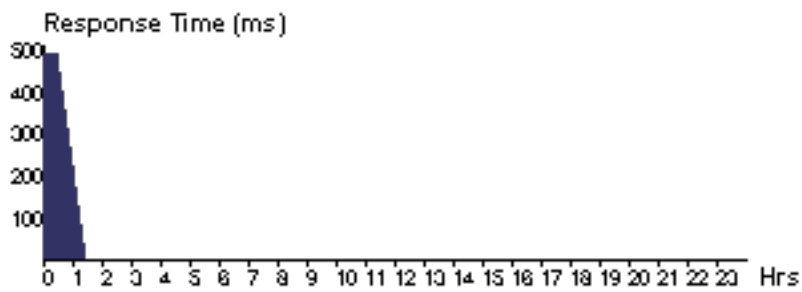


UB22_025

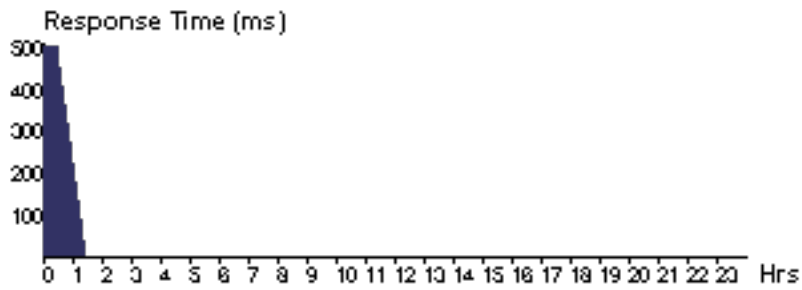
UB23_025



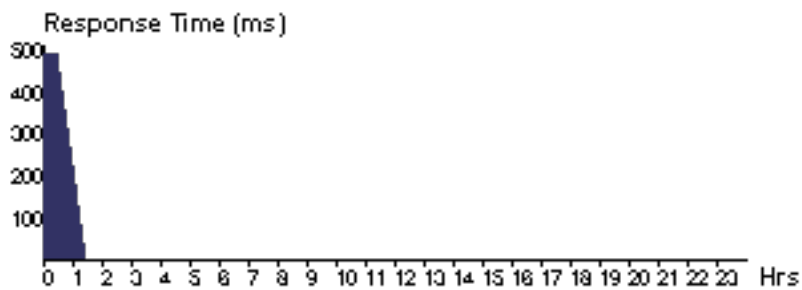
UB24_025



UB25_025

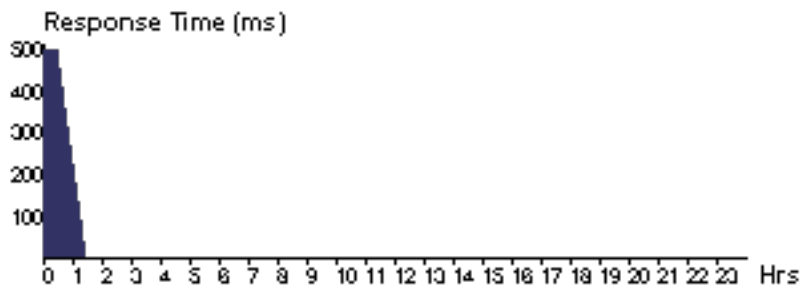
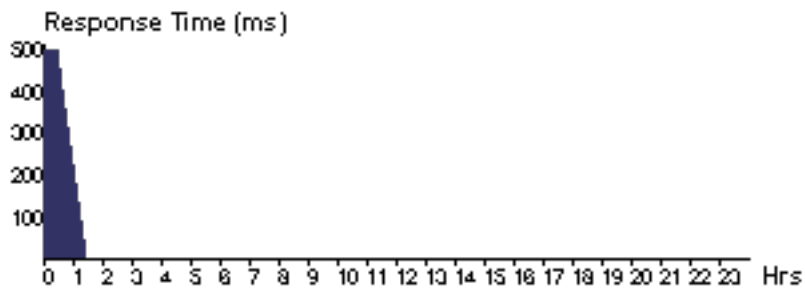


UB26_025

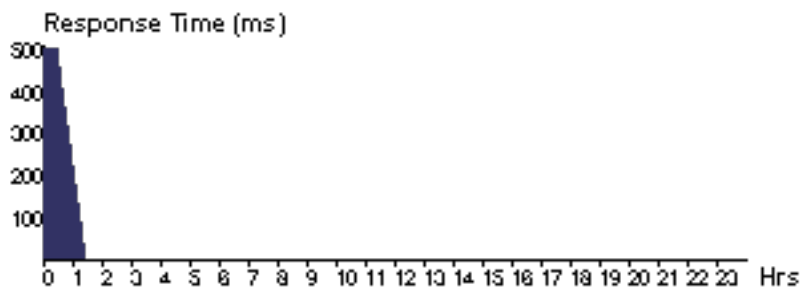


UB27_025

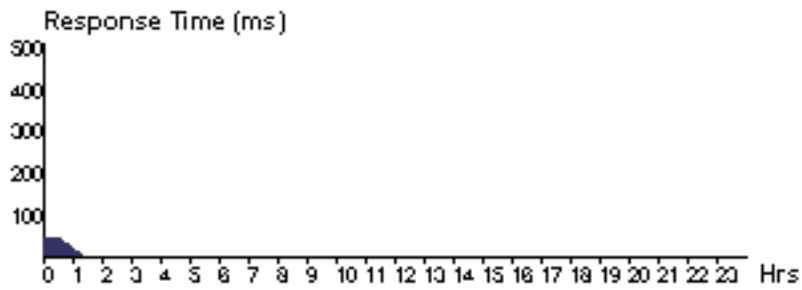
UB28_025



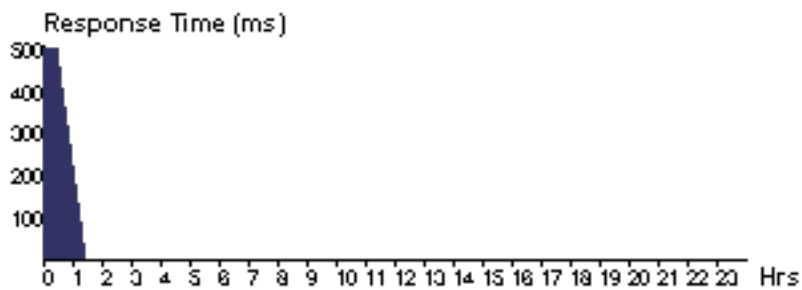
UB29_025



UB2_025

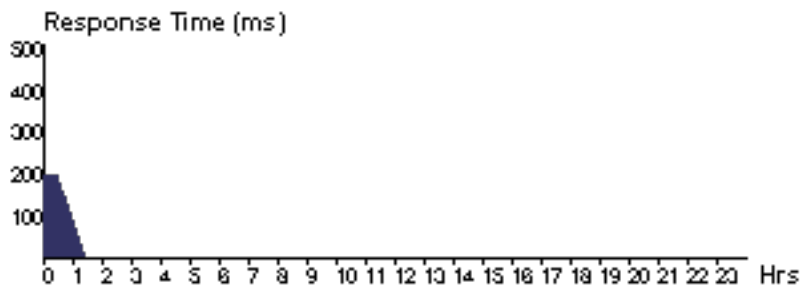
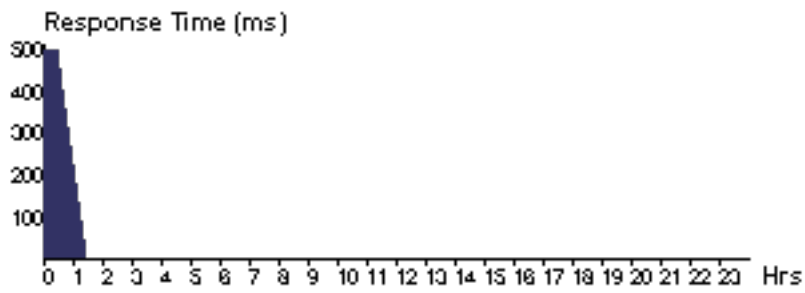


UB30_025

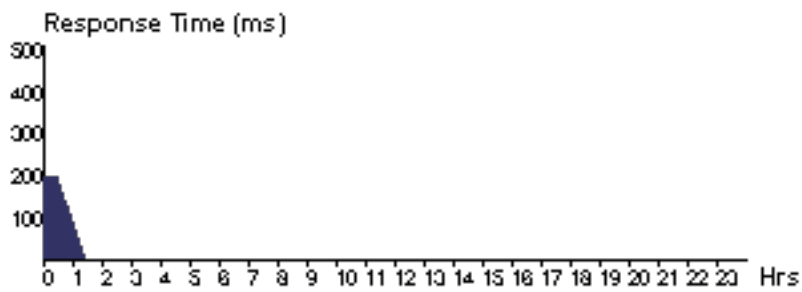


UB31_025

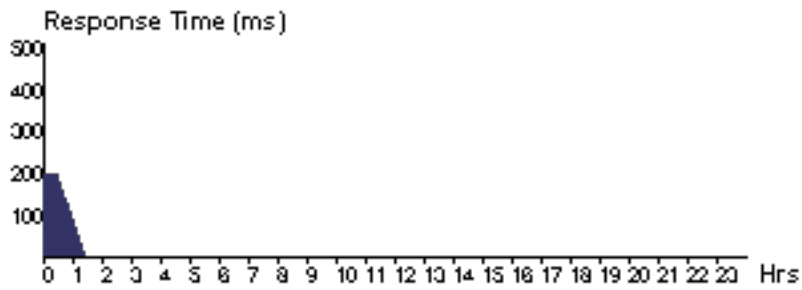
UB32_025



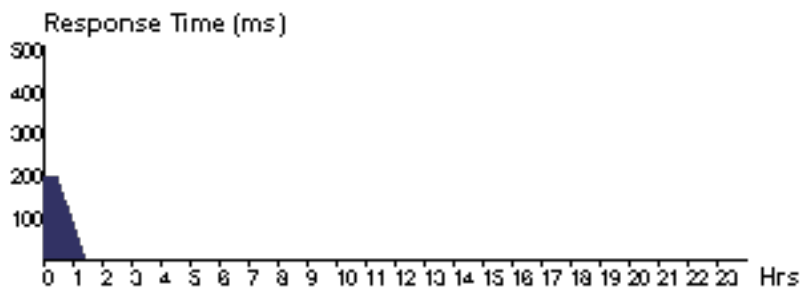
UB33_025



UB34_025

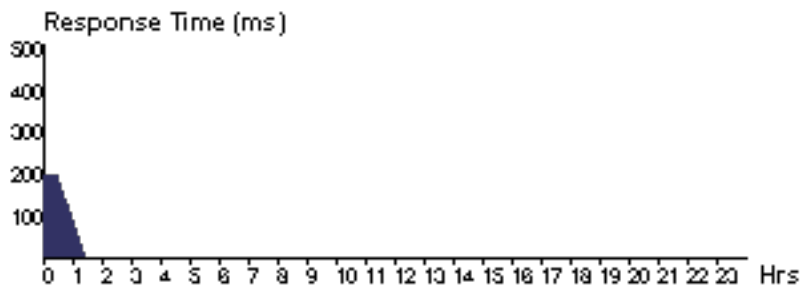
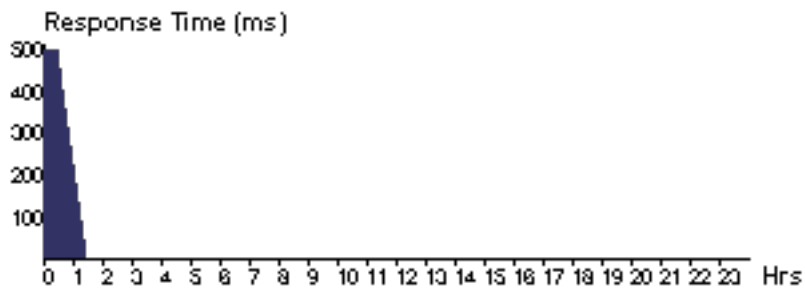


UB35_025

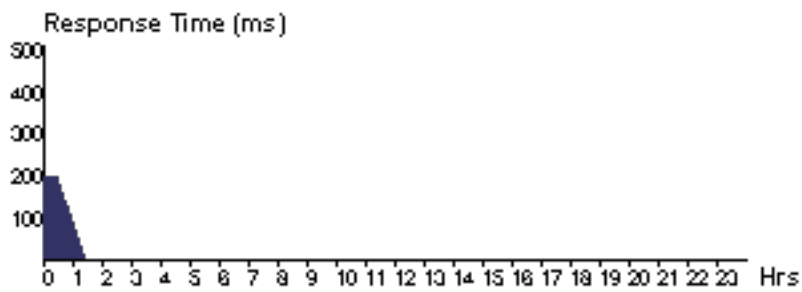


UB36_025

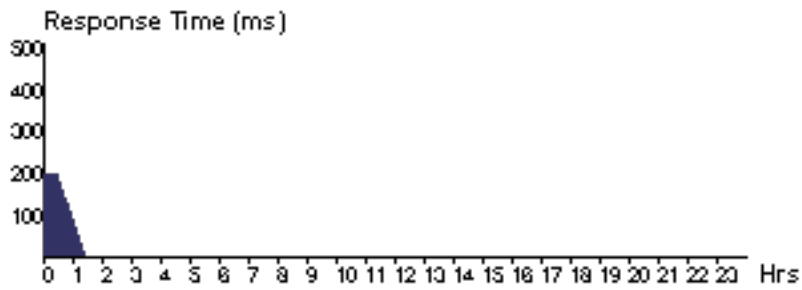
UB37_025



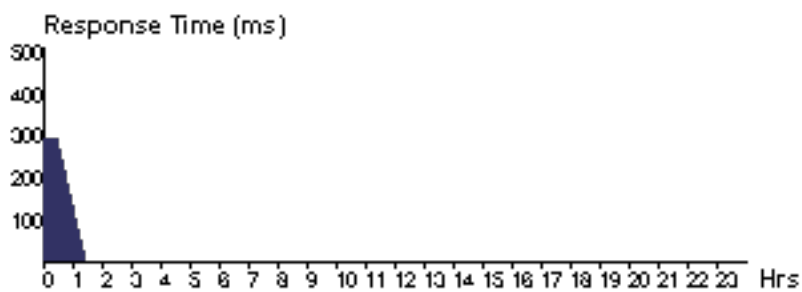
UB38_025



UB39_025

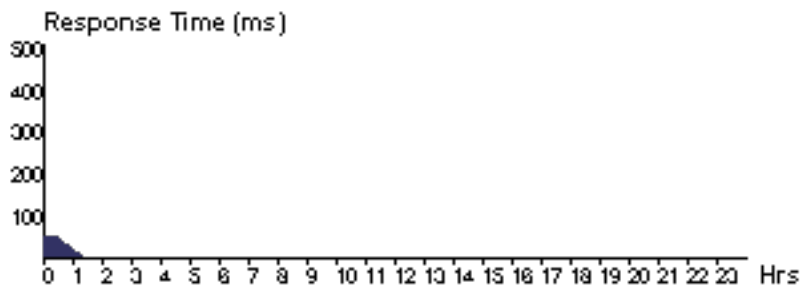
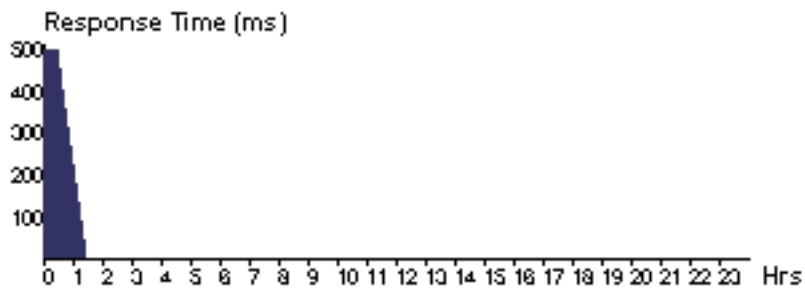


UB3_025

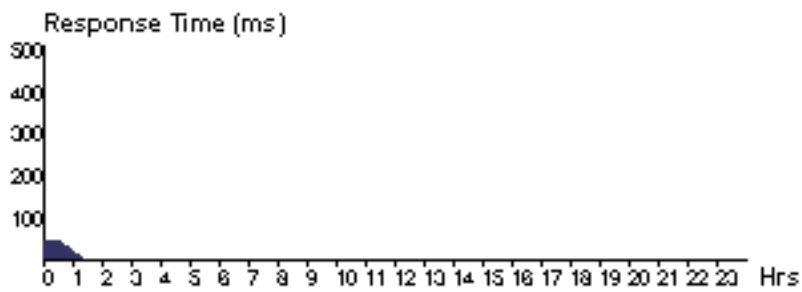


UB40_025

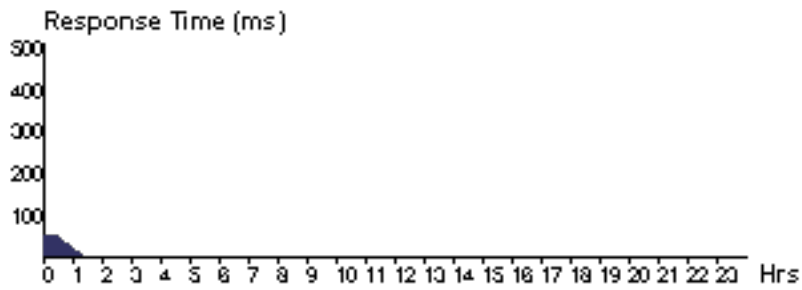
UB4_025



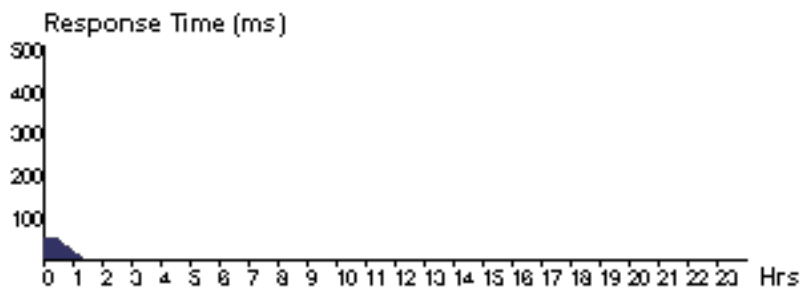
UB5_025



UB6_025

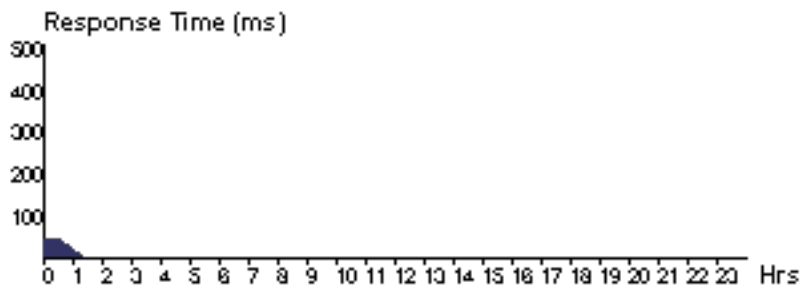
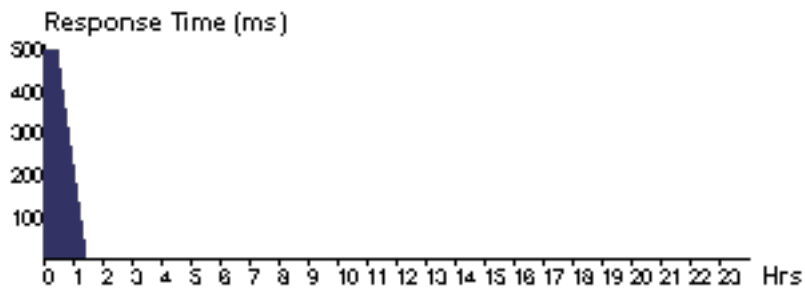


UB7_025



UB8_025

UB9_025

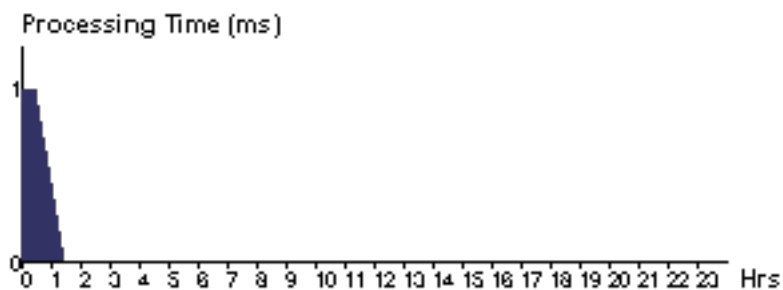


Data Center Request Servicing Times

Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1_025	1.24	0.02	2.27

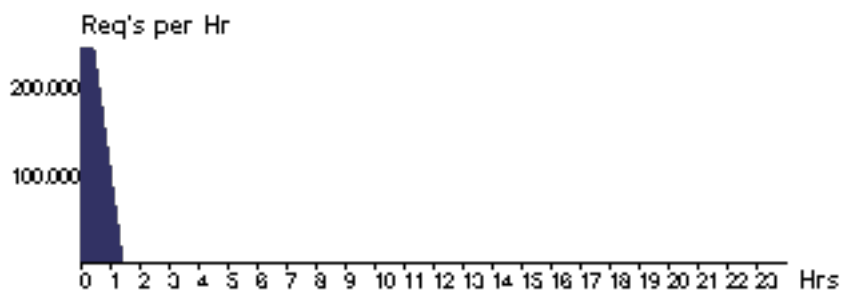
Data Center Hourly Average Processing Times

DC1_025



Data Center Hourly Loading

DC1_025

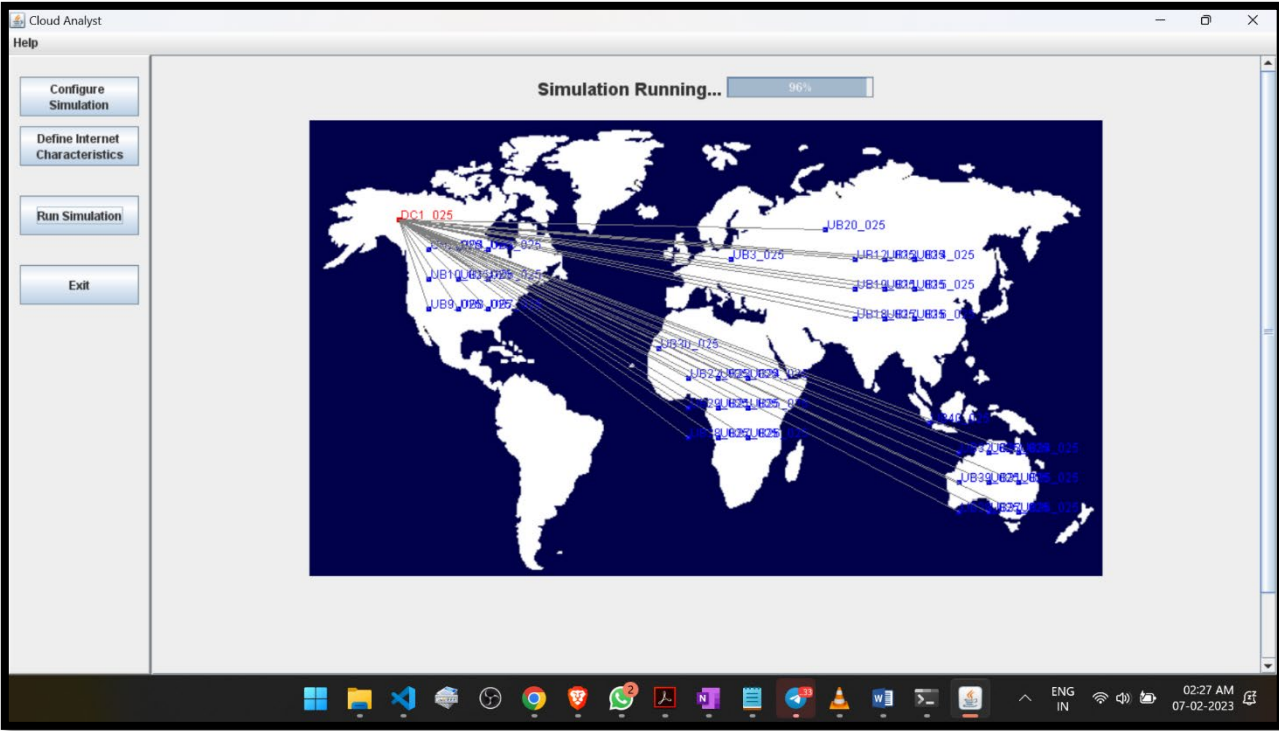
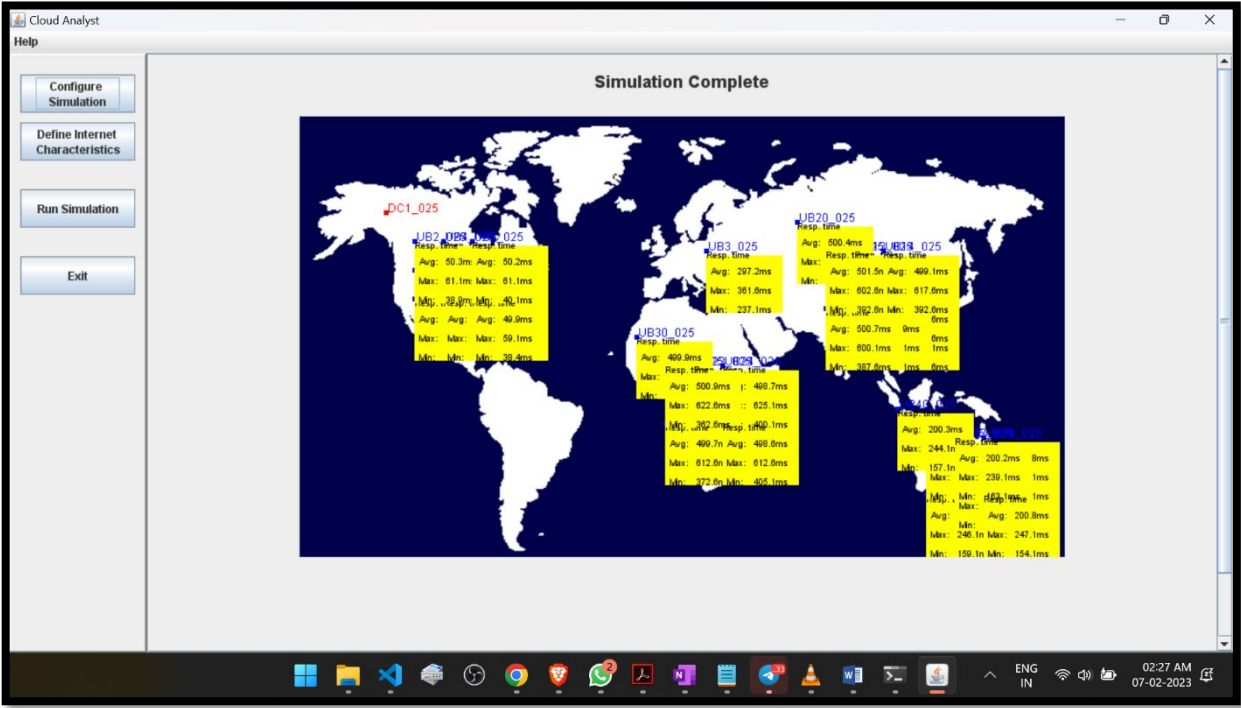


Cost

Total Virtual Machine Cost (\$): 0.50
Total Data Transfer Cost (\$): 2.35
Grand Total: (\$) 2.85

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC1_025	0.50	2.35	2.85

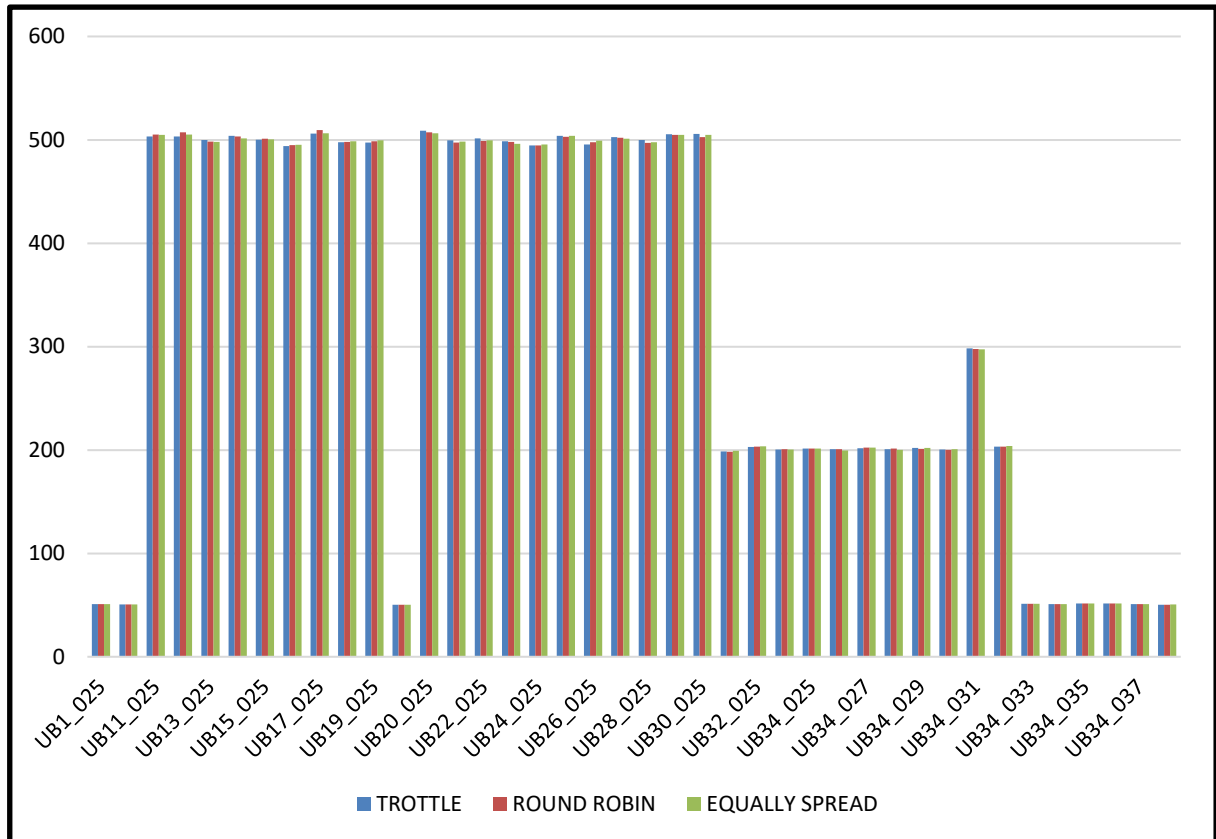
STIMULATION



COMPARISION TABLE

USER	TROTTL	ROUND ROBIN	EQUALLY SPREAD
UB1_025	51.08	50.93	50.93
UB10_025	50.66	50.72	50.7
UB11_025	503.37	505.01	504.79
UB12_025	503.38	507.35	505.23
UB13_025	499.74	498.23	498
UB14_025	503.77	503.2	501.44
UB15_025	500.26	501.11	500.48
UB16_025	493.96	494.74	495.3
UB17_025	505.89	509.6	506.43
UB18_025	497.6	497.92	498.52
UB19_025	497.37	498.74	499.42
UB2_025	50.45	50.32	50.44
UB20_025	508.7	507.14	506.36
UB21_025	499.57	497.39	498.22
UB22_025	501.31	498.93	499.45
UB23_025	498.71	497.91	496.08
UB24_025	494.56	494.48	495.42
UB25_025	503.87	503.07	503.93
UB26_025	495.66	497.7	499.18
UB27_025	502.54	502.03	500.95
UB28_025	499.76	496.96	497.56
UB29_025	505.54	504.8	504.69
UB30_025	505.68	502.64	504.71
UB31_025	198.76	198.16	199.13
UB32_025	202.87	203.28	203.43
UB33_025	200.58	200.67	200.58
UB34_025	201.42	201.54	201.28
UB34_026	200.66	200.92	199.41
UB34_027	201.72	202.4	202.19
UB34_028	200.81	201.29	200.24
UB34_029	201.87	201.16	201.87
UB34_030	200.57	200.29	200.88
UB34_031	298.26	297.68	297.31
UB34_032	203.3	203.14	203.93
UB34_033	51.16	51.24	51.15
UB34_034	50.86	50.99	50.97
UB34_035	51.46	51.49	51.7
UB34_036	51.49	51.49	51.61
UB34_037	50.9	51.04	50.99
UB34_038	50.38	50.42	50.47

GRAPH



SUBMITETED BY:

HITU RAJ

2005025

CS-10