

Results of the Simulation Completed at: 10/12/2019 13:03:33

Overall Response Time Summary

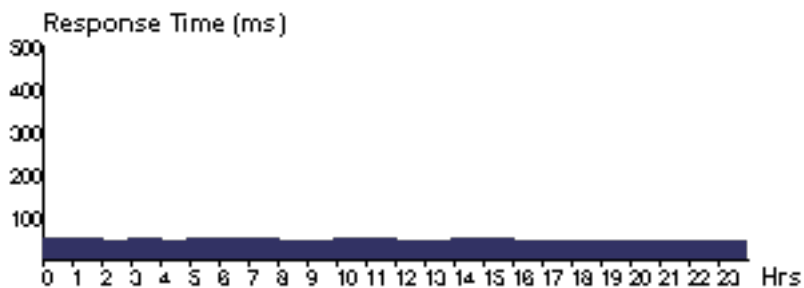
| | Avg (ms) | Min (ms) | Max (ms) |
|------------------------------|----------|----------|----------|
| Overall response time: | 293.42 | 37.13 | 669.51 |
| Data Center processing time: | 1.19 | 0.02 | 2.69 |

Response Time by Region

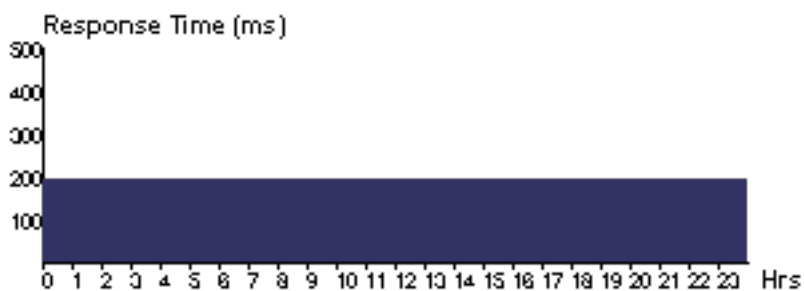
| Userbase | Avg (ms) | Min (ms) | Max (ms) |
|----------|----------|----------|----------|
| UB1 | 51.02 | 37.13 | 67.19 |
| UB2 | 201.08 | 146.26 | 259.14 |
| UB3 | 301.10 | 217.72 | 405.54 |
| UB4 | 501.19 | 364.39 | 661.89 |
| UB5 | 500.94 | 360.96 | 669.51 |
| UB6 | 201.10 | 142.22 | 266.09 |

User Base Hourly Response Times

UB1

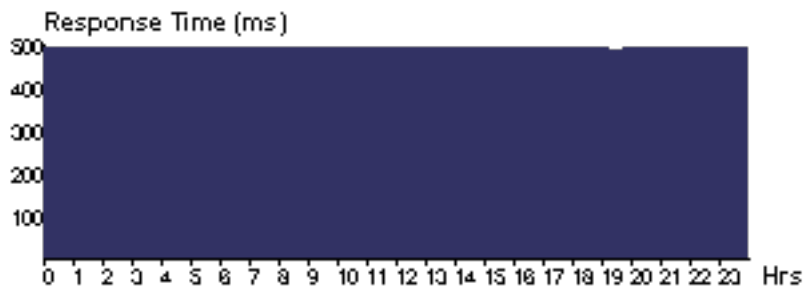
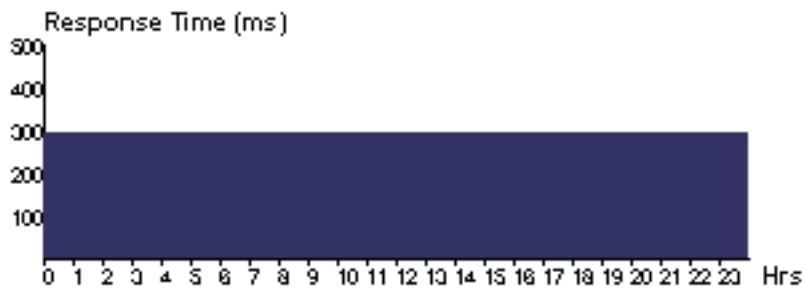


UB2

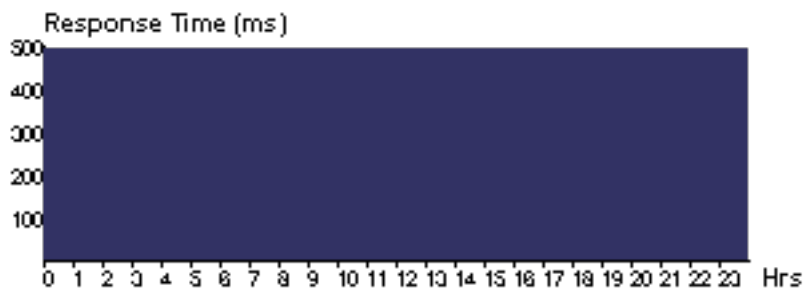


UB3

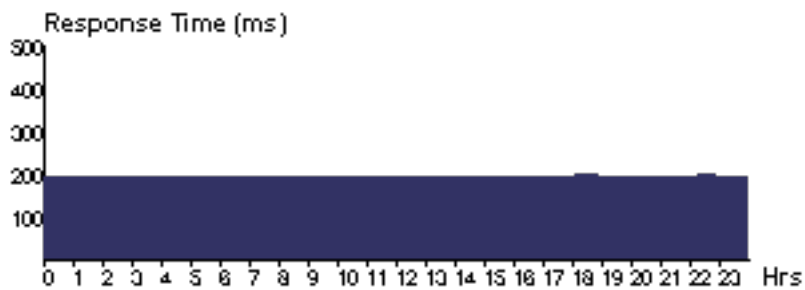
UB4



UB5



UB6



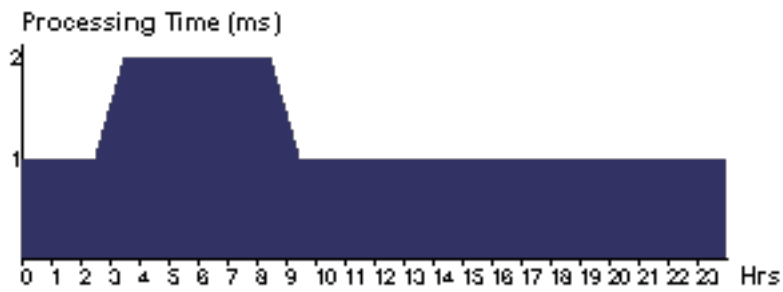
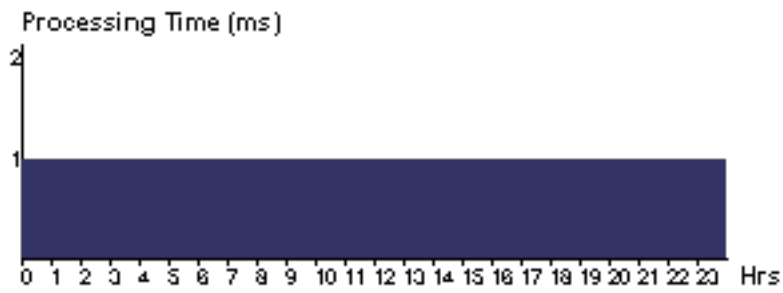
Data Center Request Servicing Times

| Data Center | Avg (ms) | Min (ms) | Max (ms) |
|-------------|----------|----------|----------|
| DC1 | 1.16 | 0.10 | 1.77 |
| DC2 | 2.08 | 0.19 | 2.69 |
| DC3 | 0.35 | 0.02 | 1.01 |

Data Center Hourly Average Processing Times

DC1

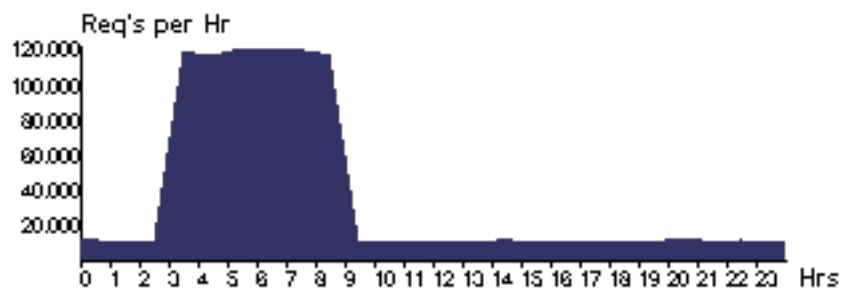
DC2



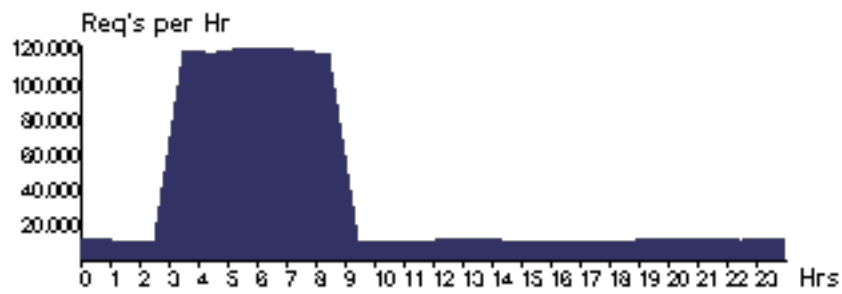
DC3

Data Center Hourly Loading

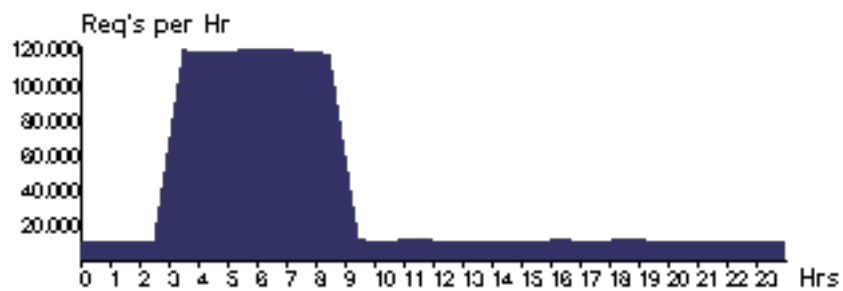
DC1



DC2



DC3



Cost

| | |
|----------------------------------|--------|
| Total Virtual Machine Cost (\$): | 372.04 |
| Total Data Transfer Cost (\$): | 29.35 |
| Grand Total: (\$) | 401.39 |

| Data Center | VM Cost \$ | Data Transfer Cost \$ | Total \$ |
|-------------|------------|-----------------------|----------|
| DC2 | 180.02 | 9.79 | 189.81 |
| DC1 | 180.02 | 9.75 | 189.77 |
| DC3 | 12.00 | 9.80 | 21.80 |