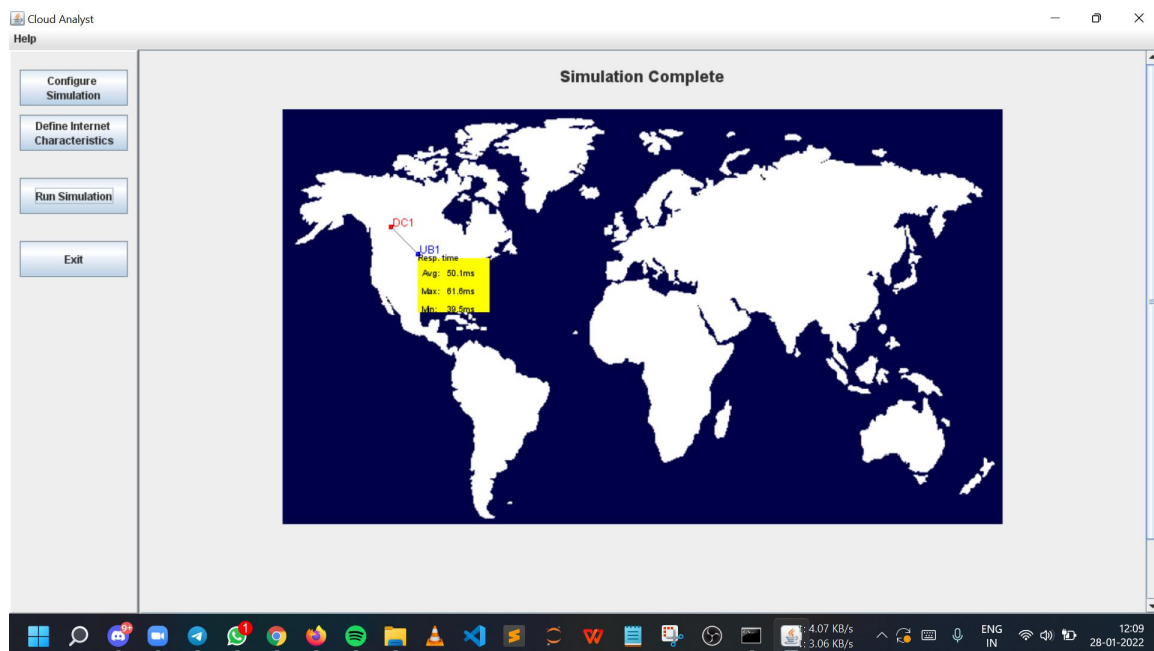


Date: 28-01-2022

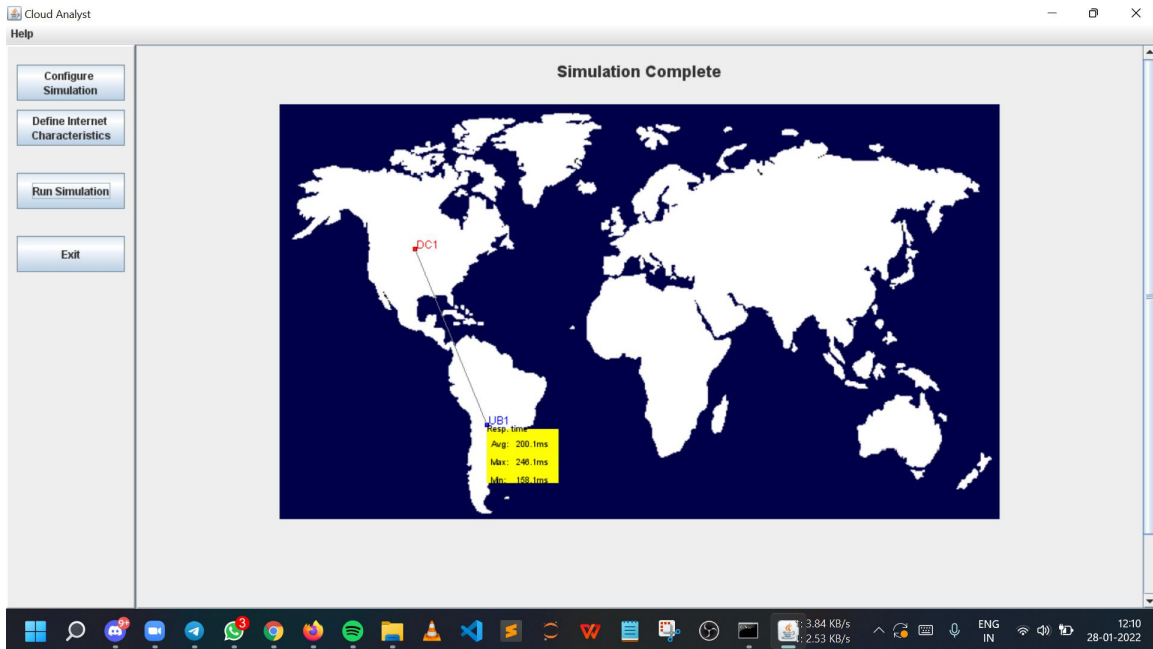
Question: Change Regions of Userbases from 0 to 5 and check response times and plot graph

Screenshots:

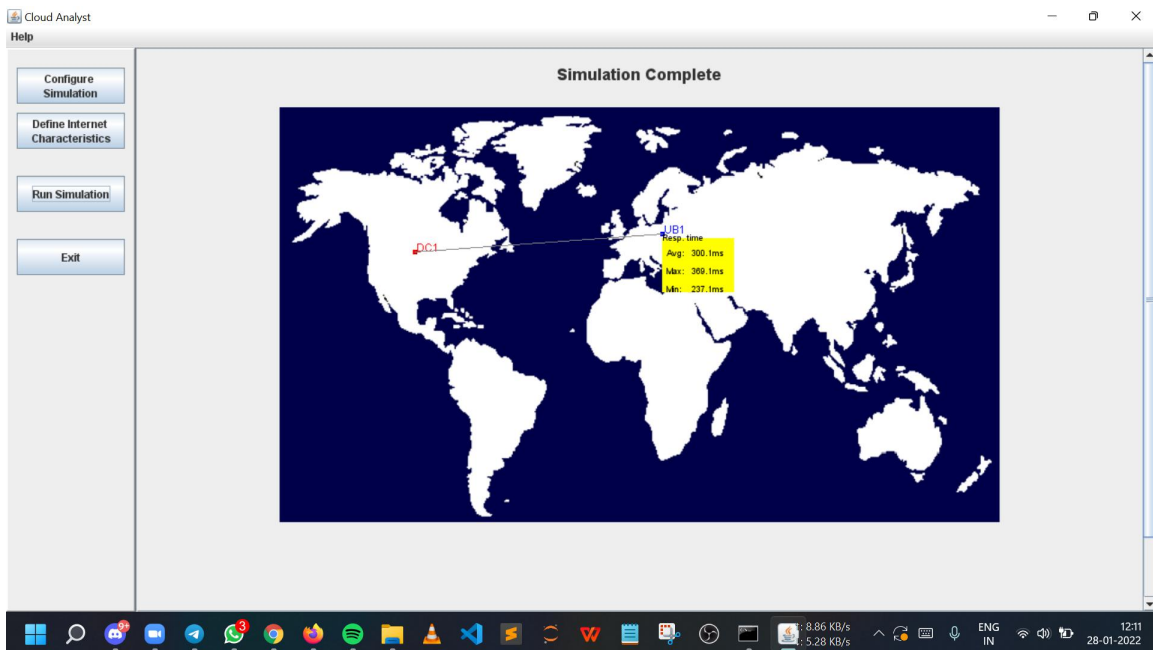
Region 0:



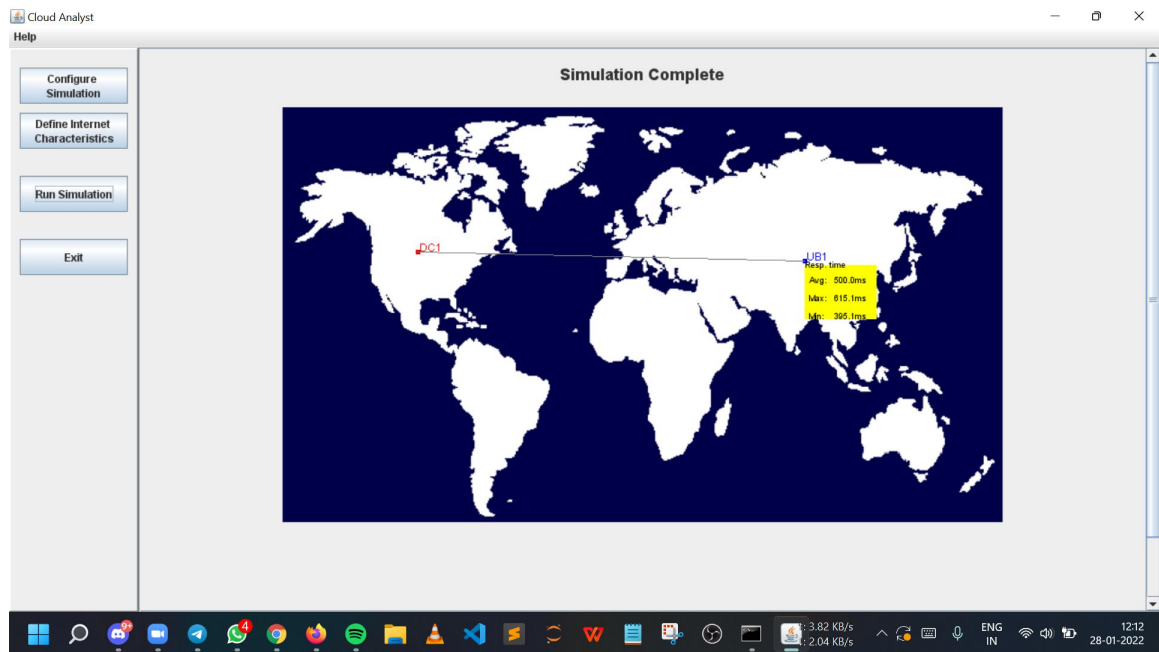
Region 1:



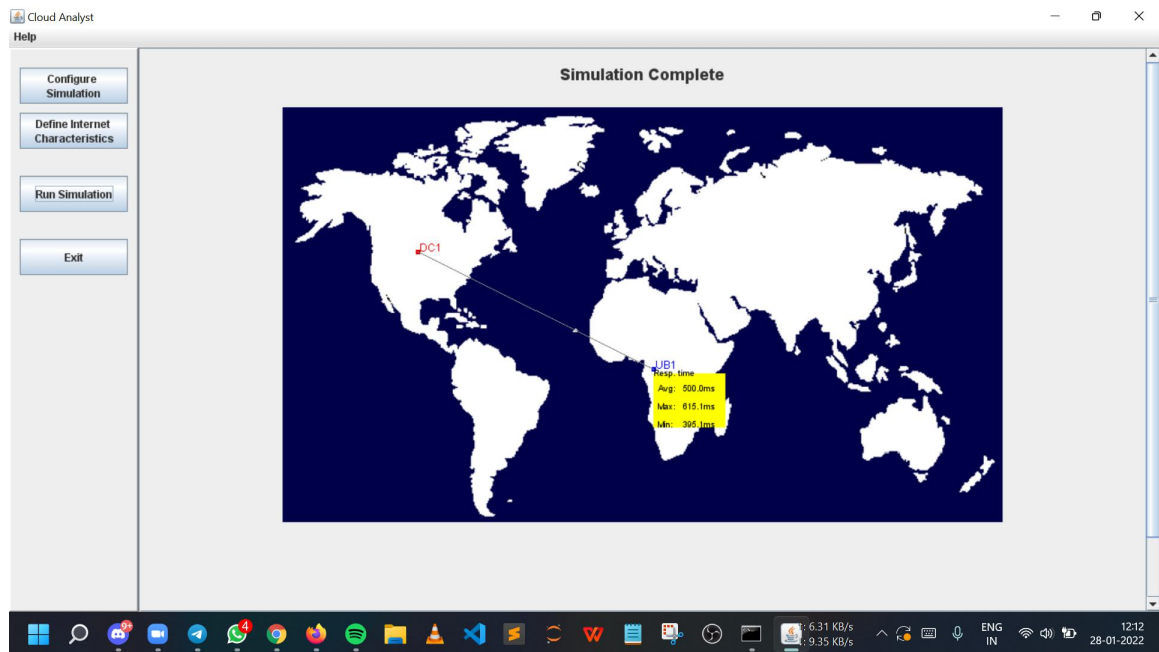
Region 2:



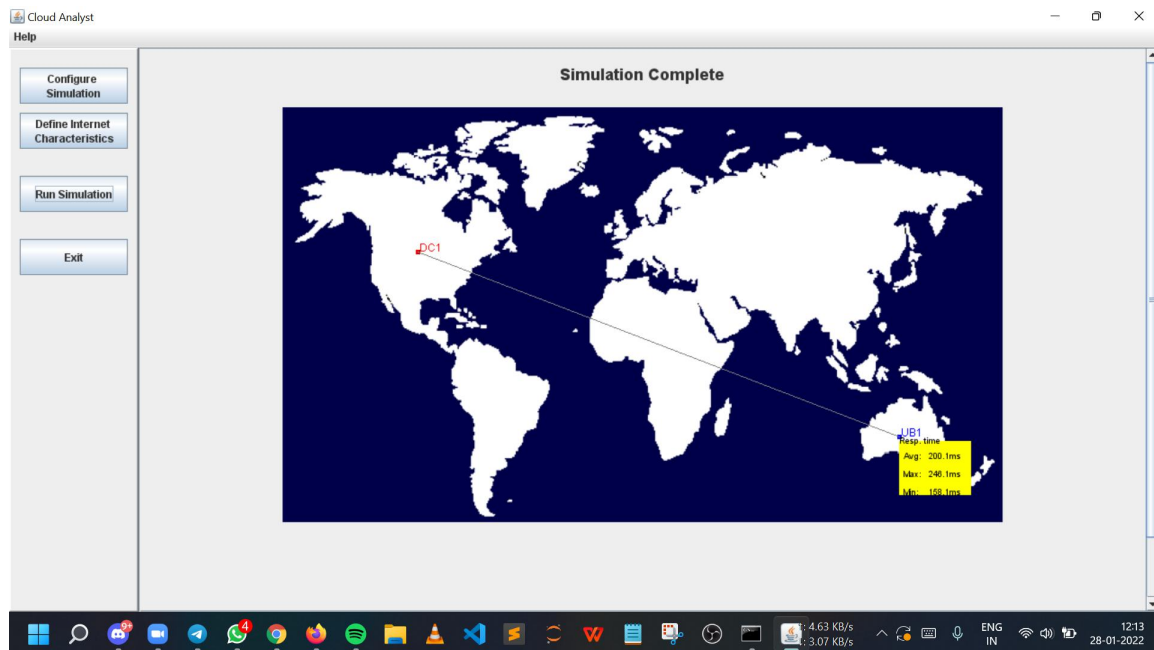
Region 3:



Region 4:



Region 5:



PDFs of all detailed results will be attached in the following pages.

Overall Response Time Summary

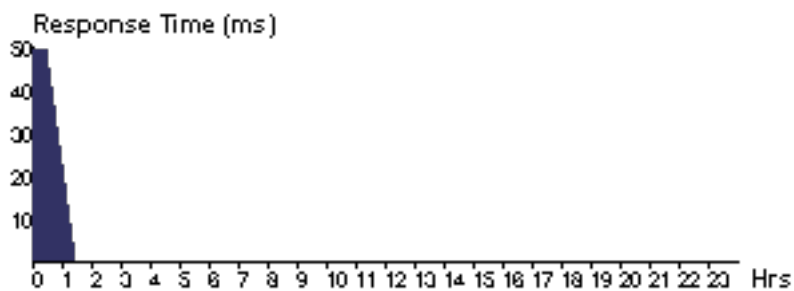
	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	50.09	39.55	61.61
Data Center processing time:	0.48	0.01	0.86

Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB1	50.09	39.55	61.61

User Base Hourly Response Times

UB1



Data Center Request Servicing Times

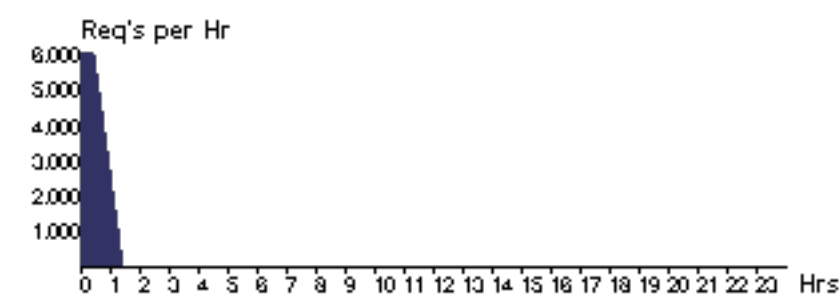
Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1	0.48	0.01	0.86

Data Center Hourly Average Processing Times

DC1

Data Center Hourly Loading

DC1



Cost

Total Virtual Machine Cost (\$):	0.51
Total Data Transfer Cost (\$):	0.06
Grand Total: (\$)	0.57

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC1	0.51	0.06	0.57

Results of the Simulation Completed at: 28/01/2022 12:10:10

Overall Response Time Summary

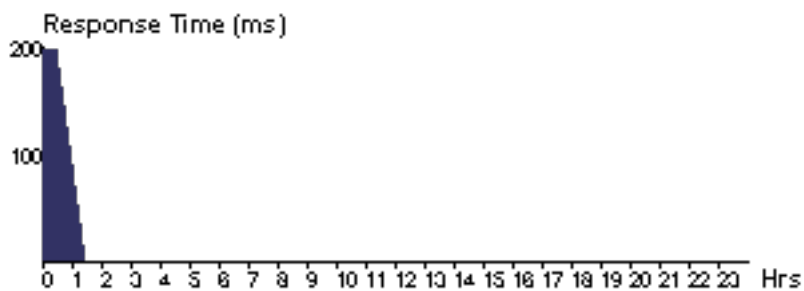
	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	200.07	158.06	246.12
Data Center processing time:	0.10	0.02	0.11

Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB1	200.07	158.06	246.12

User Base Hourly Response Times

UB1



Data Center Request Servicing Times

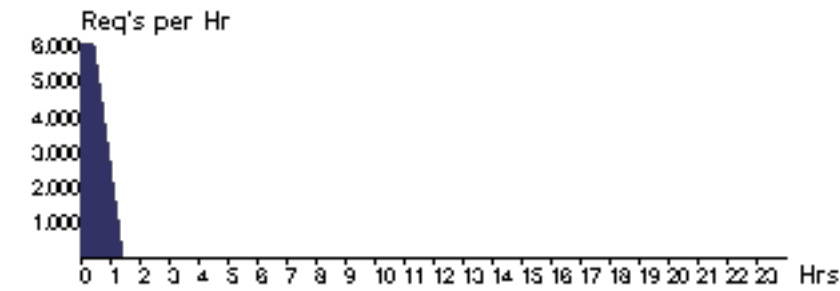
Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1	0.10	0.02	0.11

Data Center Hourly Average Processing Times

DC1

Data Center Hourly Loading

DC1



Cost

Total Virtual Machine Cost (\$):	0.51
Total Data Transfer Cost (\$):	0.06
Grand Total: (\$)	0.57

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC1	0.51	0.06	0.57

Results of the Simulation Completed at: 28/01/2022 12:10:56

Overall Response Time Summary

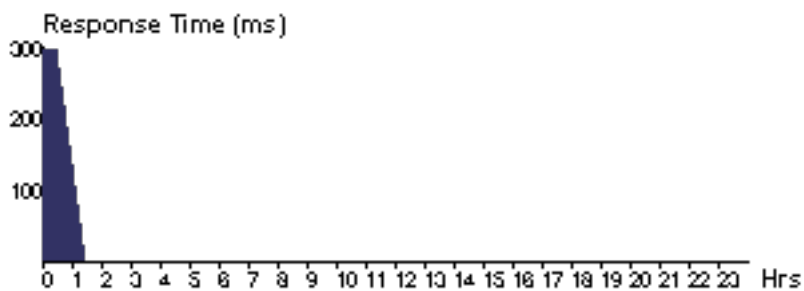
	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	300.06	237.06	369.12
Data Center processing time:	0.34	0.02	0.61

Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB1	300.06	237.06	369.12

User Base Hourly Response Times

UB1



Data Center Request Servicing Times

Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1	0.34	0.02	0.61

Data Center Hourly Average Processing Times

DC1

Data Center Hourly Loading

DC1



Cost

Total Virtual Machine Cost (\$):	0.51
Total Data Transfer Cost (\$):	0.06
Grand Total: (\$)	0.57

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC1	0.51	0.06	0.57

Results of the Simulation Completed at: 28/01/2022 12:11:56

Overall Response Time Summary

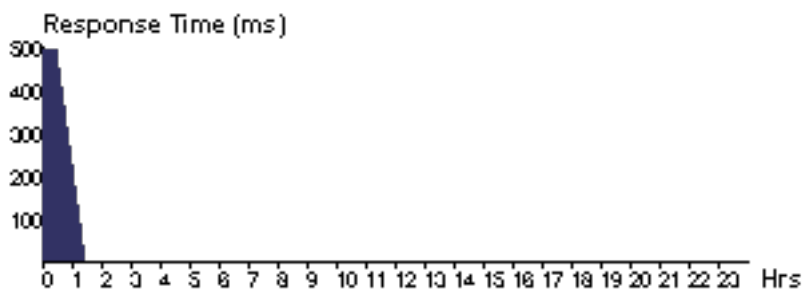
	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	500.02	395.06	615.12
Data Center processing time:	0.34	0.02	0.61

Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB1	500.02	395.06	615.12

User Base Hourly Response Times

UB1



Data Center Request Servicing Times

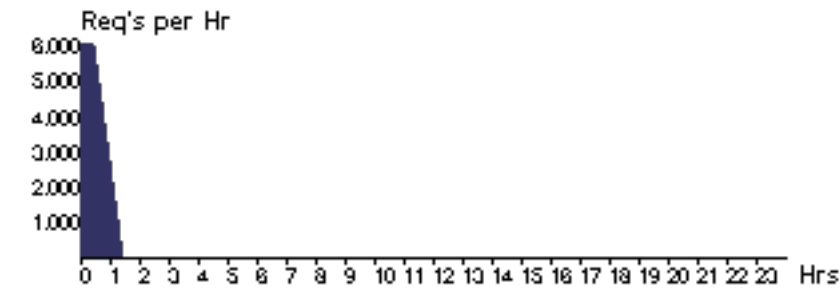
Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1	0.34	0.02	0.61

Data Center Hourly Average Processing Times

DC1

Data Center Hourly Loading

DC1



Cost

Total Virtual Machine Cost (\$):	0.51
Total Data Transfer Cost (\$):	0.06
Grand Total: (\$)	0.57

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC1	0.51	0.06	0.57

Results of the Simulation Completed at: 28/01/2022 12:12:35

Overall Response Time Summary

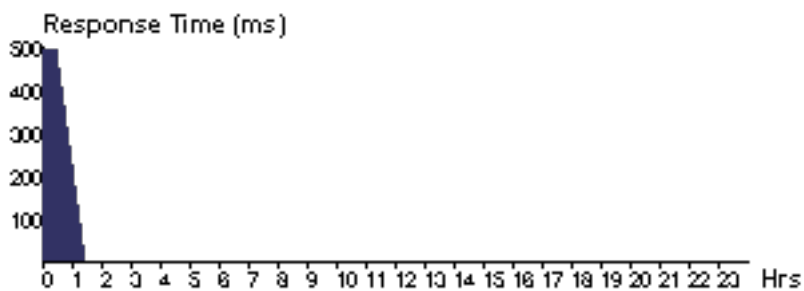
	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	500.02	395.06	615.12
Data Center processing time:	0.34	0.02	0.61

Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB1	500.02	395.06	615.12

User Base Hourly Response Times

UB1



Data Center Request Servicing Times

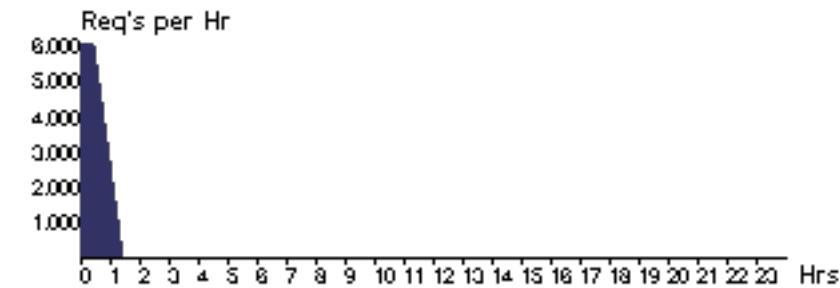
Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1	0.34	0.02	0.61

Data Center Hourly Average Processing Times

DC1

Data Center Hourly Loading

DC1



Cost

Total Virtual Machine Cost (\$):	0.51
Total Data Transfer Cost (\$):	0.06
Grand Total: (\$)	0.57

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC1	0.51	0.06	0.57

Results of the Simulation Completed at: 28/01/2022 12:13:23

Overall Response Time Summary

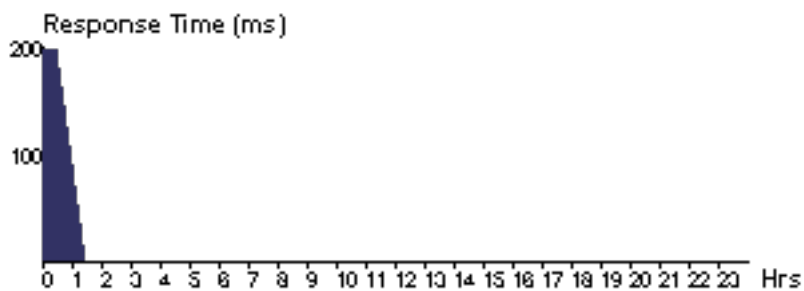
	Avg (ms)	Min (ms)	Max (ms)
Overall response time:	200.07	158.06	246.12
Data Center processing time:	0.10	0.02	0.11

Response Time by Region

Userbase	Avg (ms)	Min (ms)	Max (ms)
UB1	200.07	158.06	246.12

User Base Hourly Response Times

UB1



Data Center Request Servicing Times

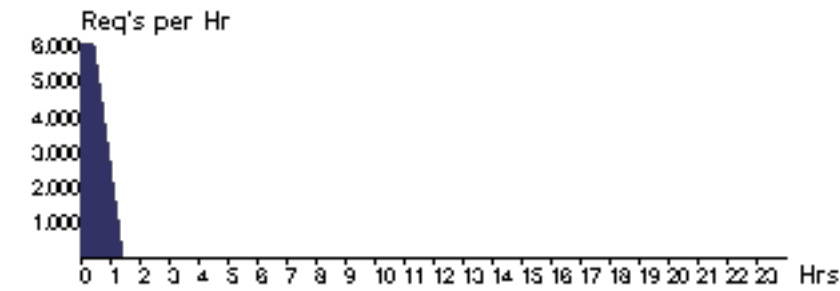
Data Center	Avg (ms)	Min (ms)	Max (ms)
DC1	0.10	0.02	0.11

Data Center Hourly Average Processing Times

DC1

Data Center Hourly Loading

DC1



Cost

Total Virtual Machine Cost (\$):	0.51
Total Data Transfer Cost (\$):	0.06
Grand Total: (\$)	0.57

Data Center	VM Cost \$	Data Transfer Cost \$	Total \$
DC1	0.51	0.06	0.57

Graph

