

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 |

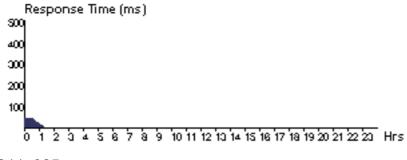
Response Time by Region

| 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 |

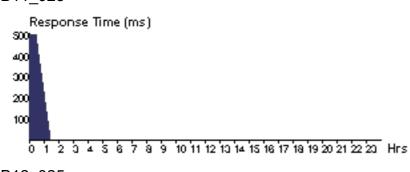
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|----------|--------|--------|--------|
| UB34_025 | 201.54 | 175.47 | 234.52 |
| UB35_025 | 200.92 | 164.17 | 238.20 |
| UB36_025 | 202.40 | 168.19 | 234.04 |
| UB37_025 | 201.29 | 165.10 | 232.52 |
| UB38_025 | 201.16 | 154.46 | 236.52 |
| UB39_025 | 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

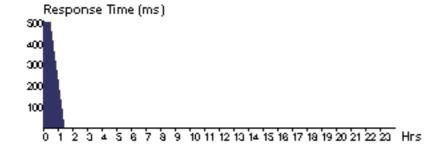


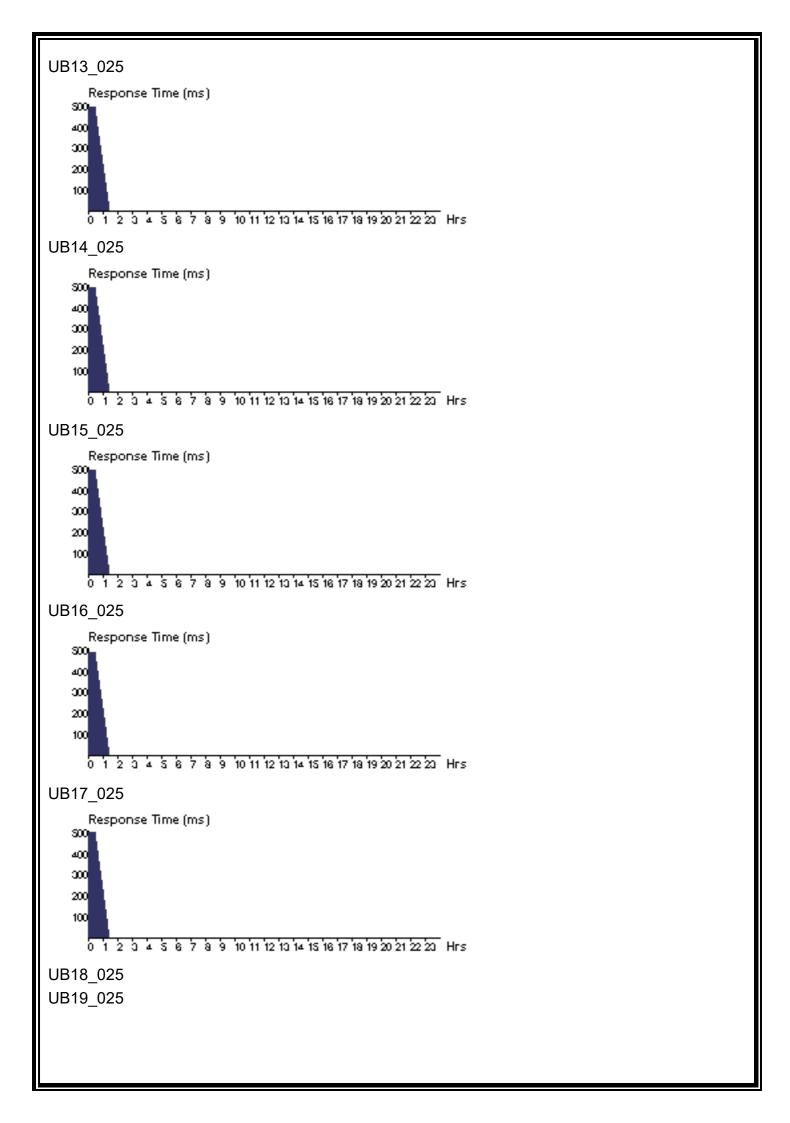


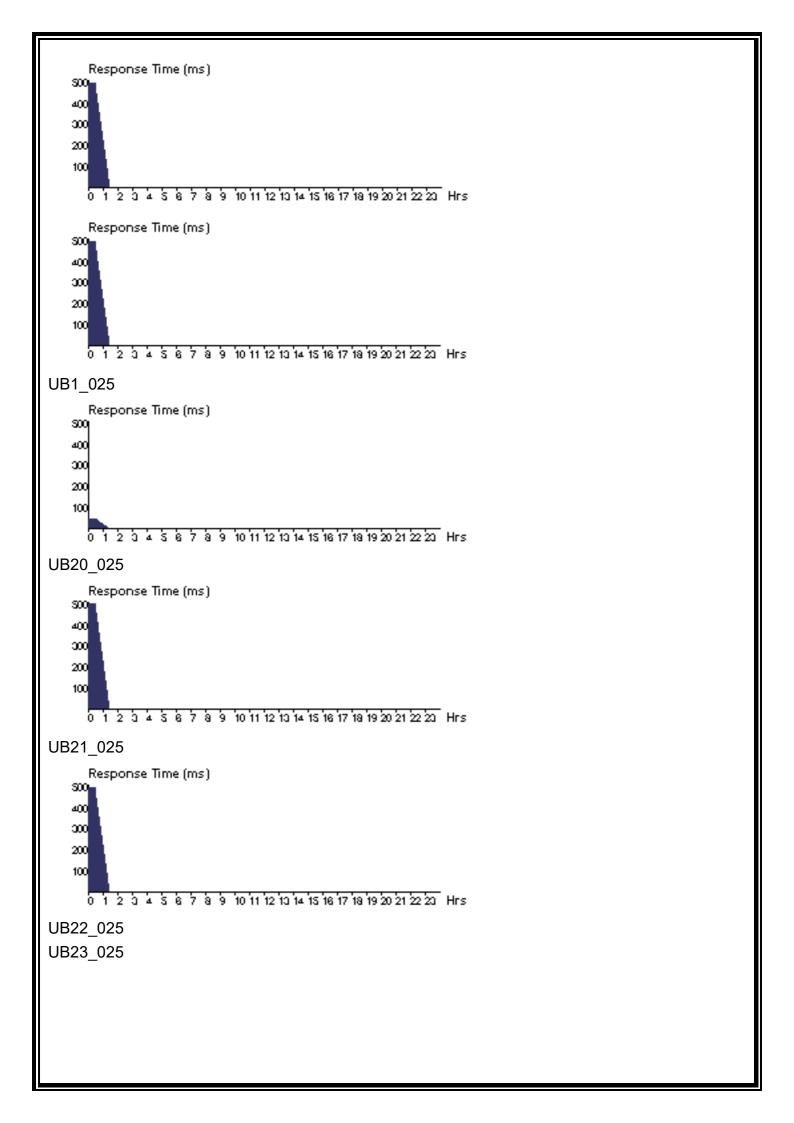
UB11_025

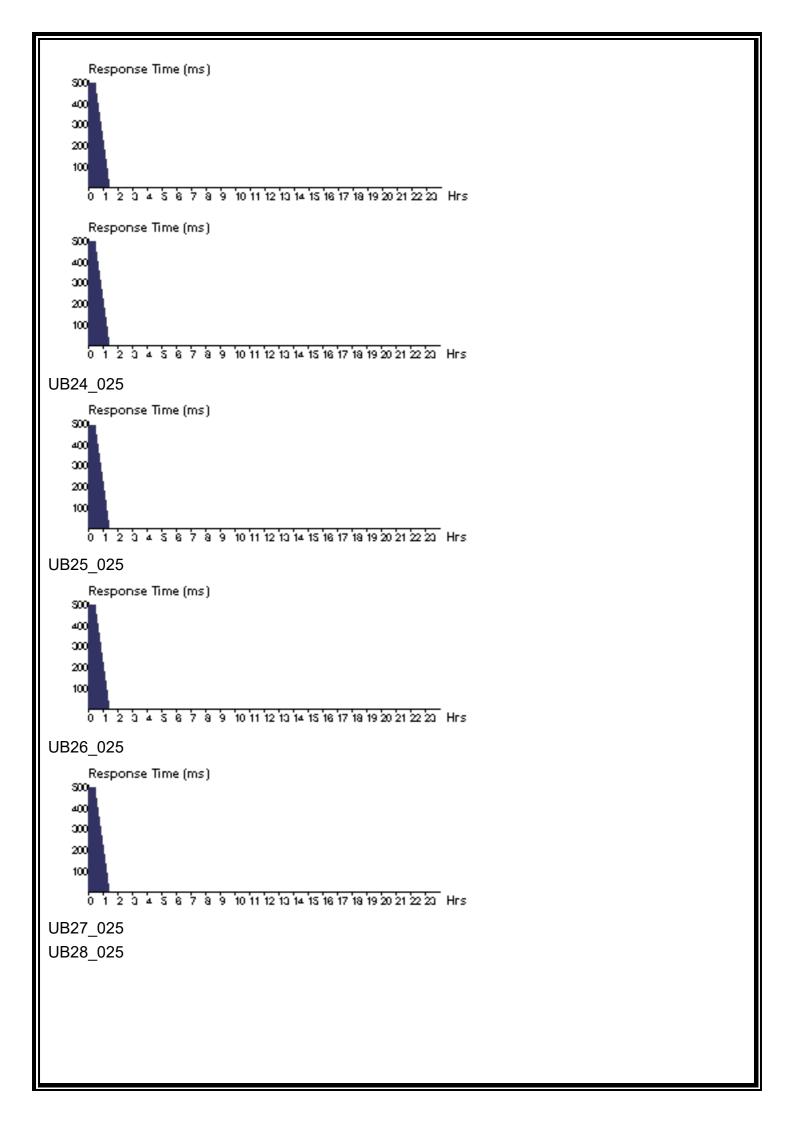


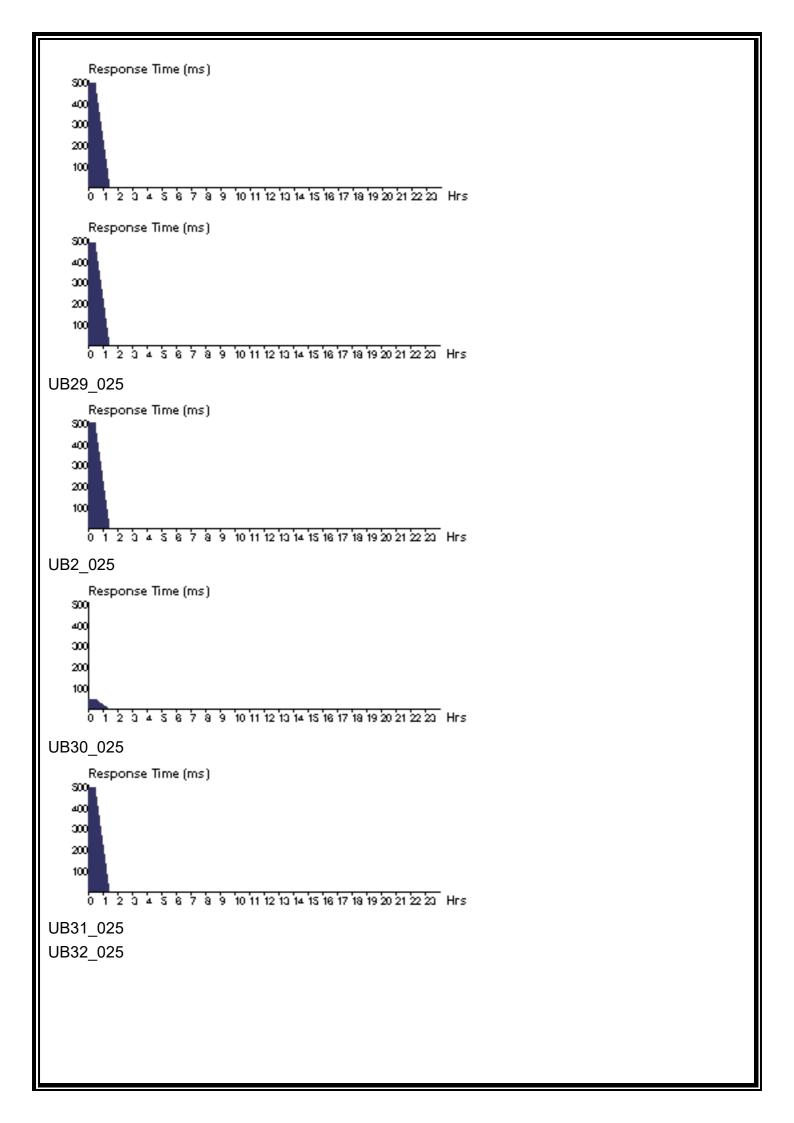
UB12_025

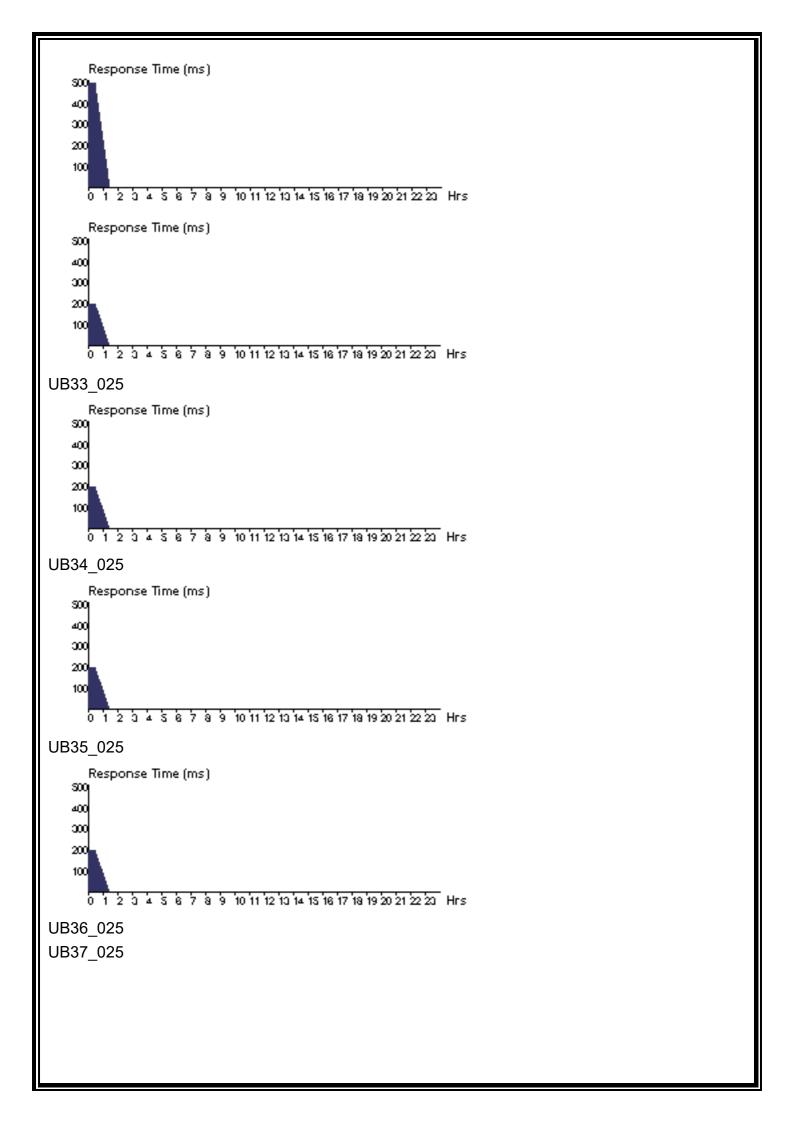


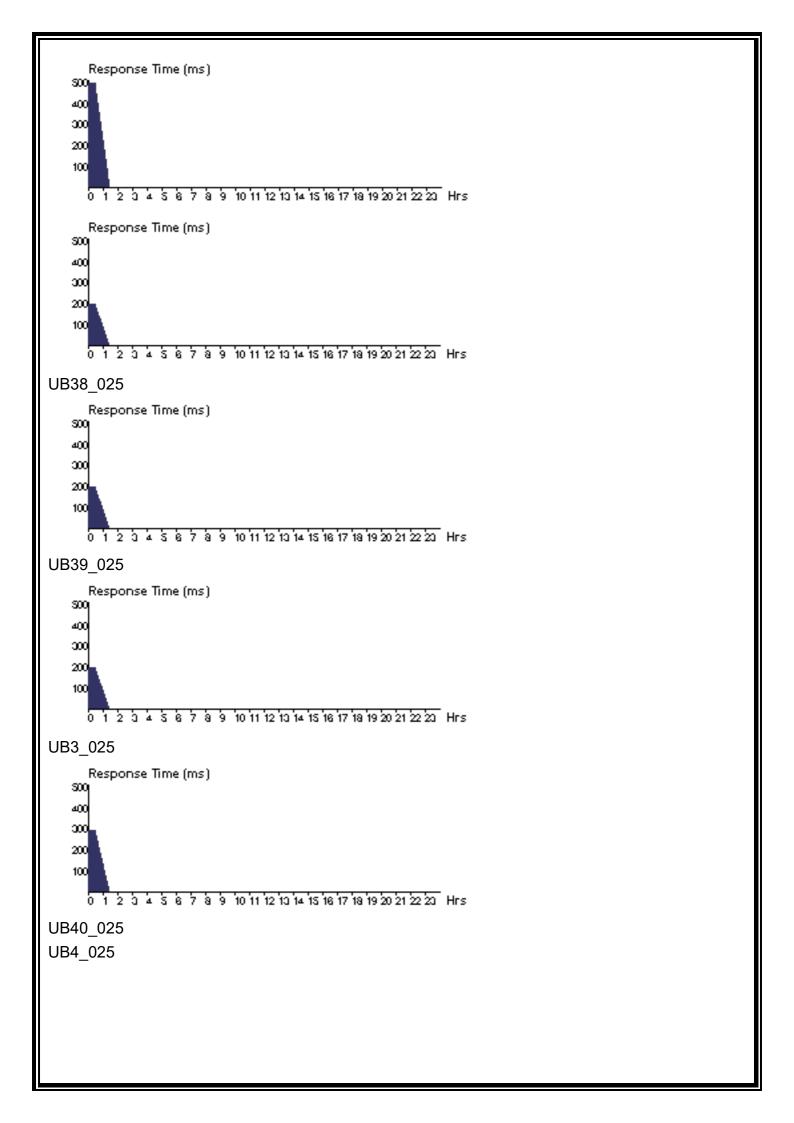


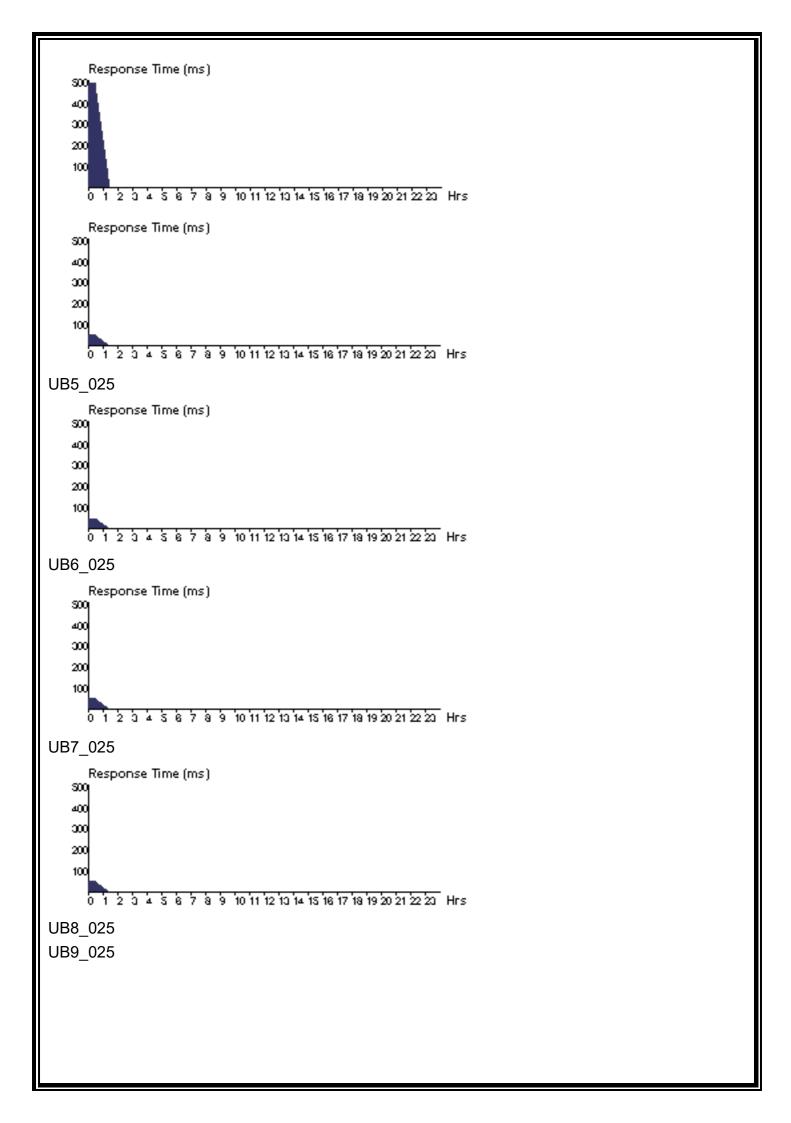


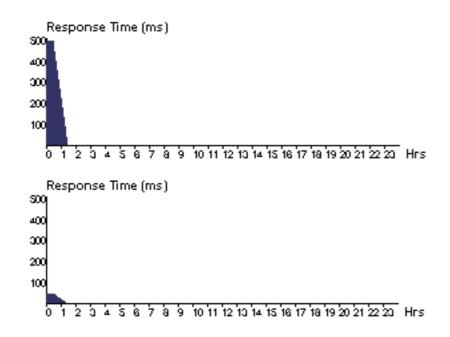












Data Center Request Servicing Times

| 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

Req's per Hr 200,000 100,000 0 1 2 3 4 S 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 Hrs



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 |