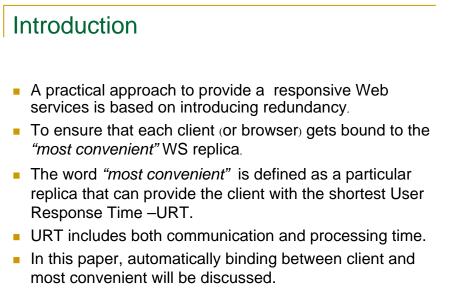


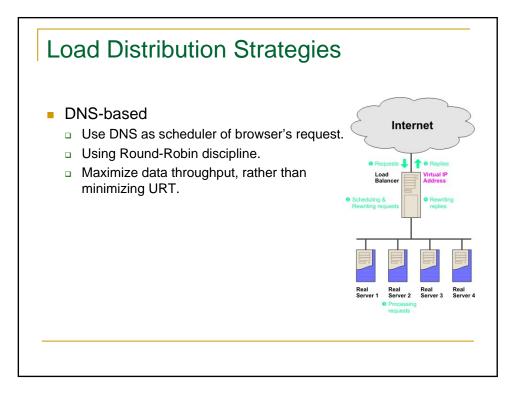
Load distribution among replicated Web servers: a QoS-based approach

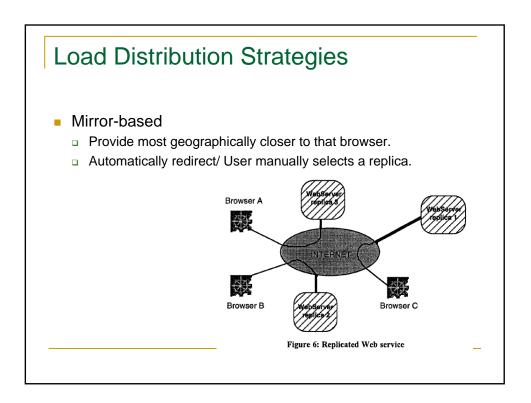
Marco Conti, Enrico Gregori, and Fabio Panzieri ACM Sigmatrics 2000

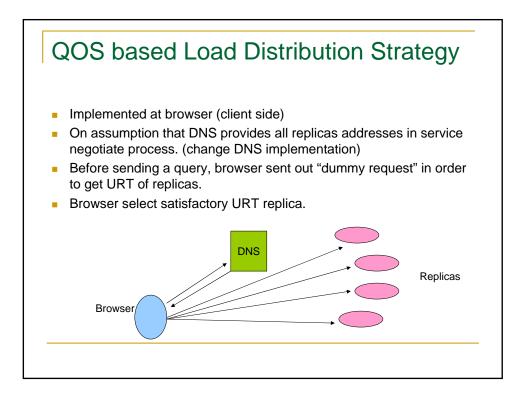
Outline Introduction Load distribution strategies Performance comparison simulation and result QoS based Architecture design Conclusion

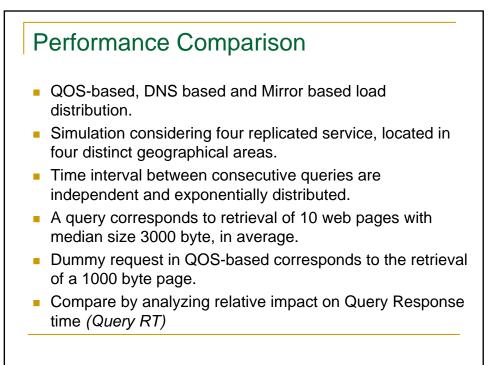


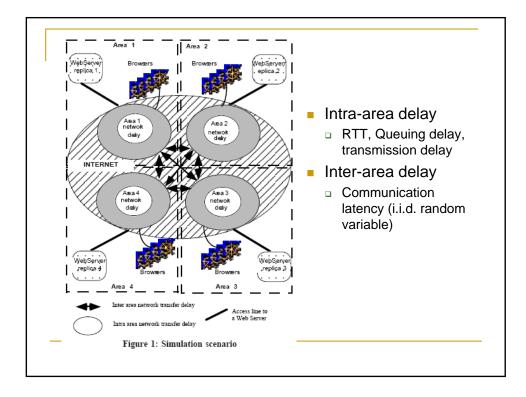
Not include maintain data consistency among replicas issue.

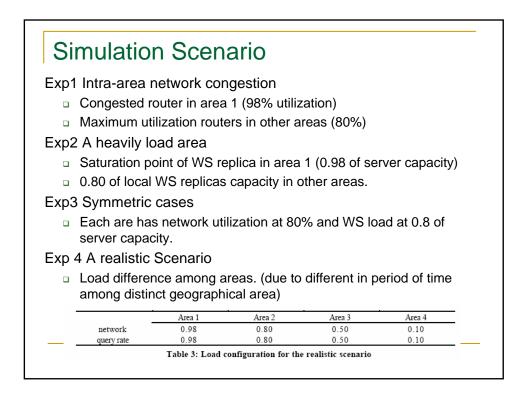












| Loa | d distributio | on with the | QoS Strat | egy |
|-------|---------------|-------------------------|-----------------|---------------|
| | | | | |
| | | | | |
| | Area 1 Server | Area 2 Server | Area 3 Server | Area 4 Server |
| Exp 1 | 0.58 | 0.91 | 0.92 | 0.92 |
| Exp 2 | 0.95 | 0.86 | 0.85 | 0.85 |
| Exp 3 | 0.83 | 0.83 | 0.83 | 0.84 |
| Exp 4 | 0.44 | 0.85 | 0.69 | 0.51 |
| | Table 1: Loa | nd distribution with th | ae QoS strategy | |
| | | | | |

