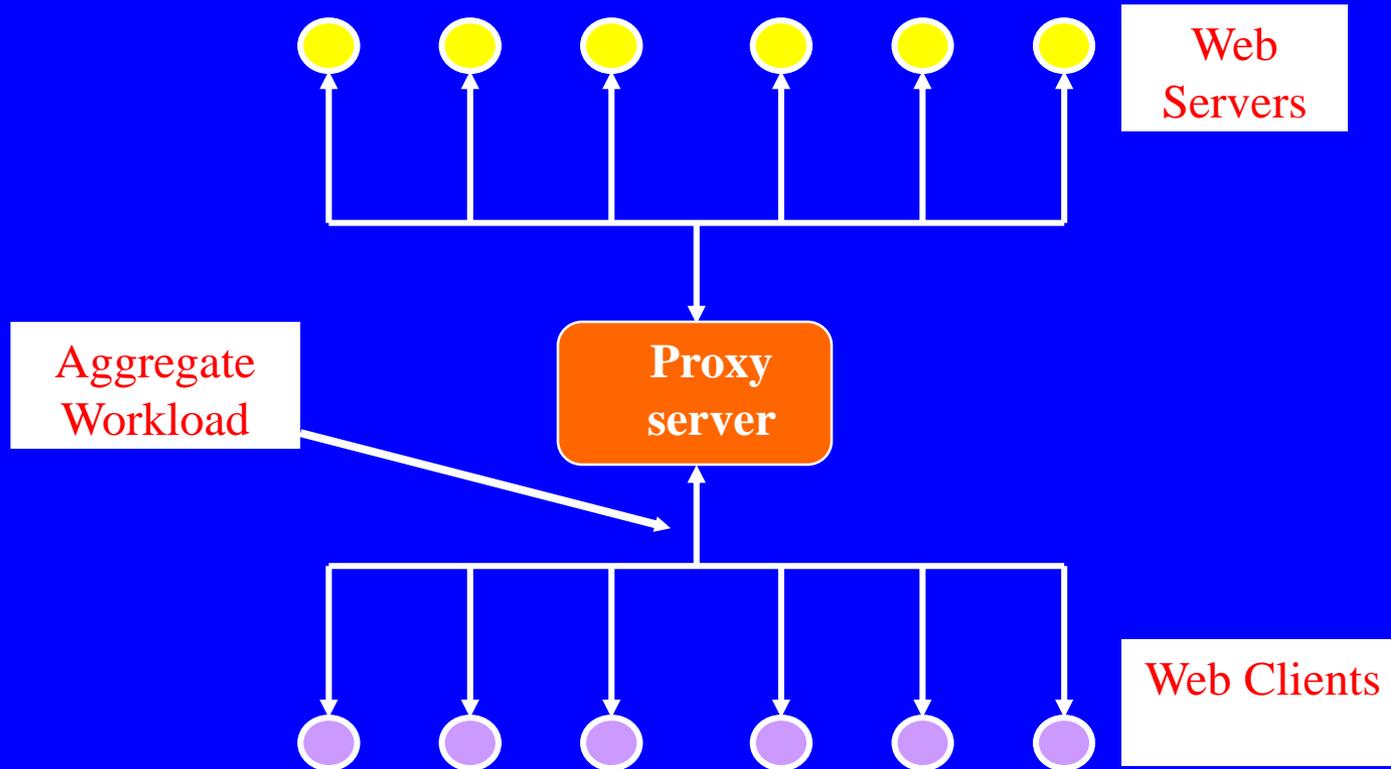


Web Proxy Caching Model



Factors and Levels

- Cache size
- Cache Replacement Policy
 - Recency-based LRU
 - Frequency-based LFU-Aging
 - Size-based GD-Size
- Workload Characteristics
 - One-timers, Zipf slope, tail index, correlation, temporal locality model

Performance Metrics

- Document Hit Ratio (DHR)
 - What percentage of the documents requested by the clients are satisfied directly by the proxy, without having to obtain from the Web server?
- Byte Hit Ratio (BHR)
 - What percentage of the bytes requested by the clients are satisfied directly by the proxy, without having to obtain from the Web server?