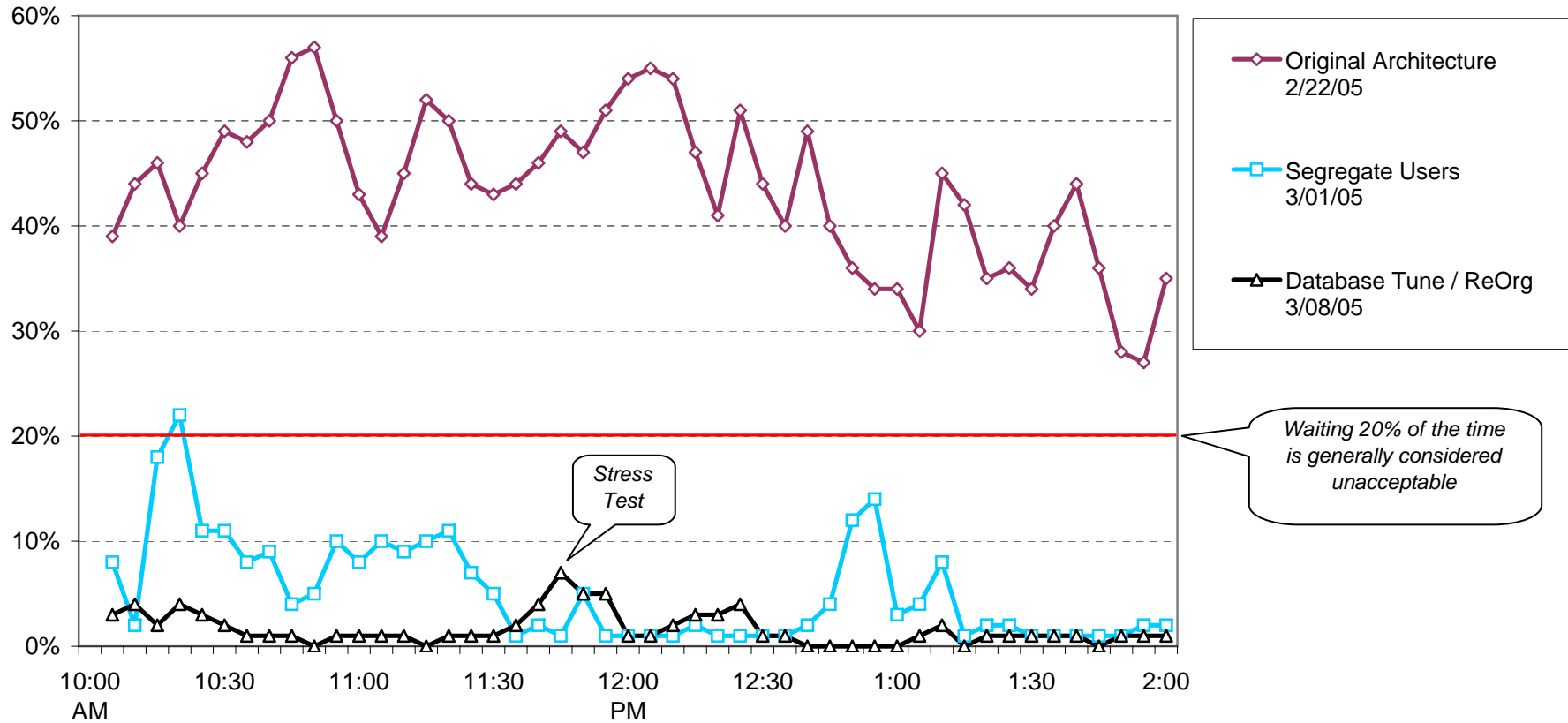


### How often does the server have to wait for resources?

SAR Data from Production Unix Server ( ): Wait on I/O



The graph shows the percentage of time that the server spends waiting for resources (disk, memory, processor, etc.) as it chugs through the day

- ✓ Feb 22, 2005 was a typical day, with performance lags noticeable at branches and [redacted]
- ✓ Mar 01, 2005 - Project [redacted] lets us triple the number of users by taking that load off the main server; we already see a big impact
- ✓ Mar 08, 2005 - After tuning and re-organizing the database, wait times drop even more
- ✓ Our "stress test" (running A/R Aging reports in the middle of the day) was within acceptable performance standards - *and nobody noticed we were doing it!*