







## Reasons for Poor Performance

*Poor performance arises because server applications perform tasks they are not optimized for, and because many server applications use a concurrency model that is easy to program but scales badly.*





## 1. Restricting HTTP Keepalives

HTTP Keepalives produce a much better end-user browsing experience because they make a web site much more responsive. However,









The effects are dramatic:

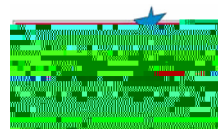
- € Using ZXTM to front-end an Apache server results in an increase of up to **18-times the sustained transaction rate**.



## Conclusion

ZXTM's Application Acceleration results in faster, more responsive and more reliable web sites, with significantly better return-on-investment on application hardware and software.

The benchmarks that illustrate these results are fully documented in the BroadBand Testing white papers that are available from <http://www.zeus.com/products/zxtm/>.



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