

# Performance and Monitoring

Permalink to this page: <https://cwiki.apache.org/confluence/x/oColBg>

## Preface

This is about Tomcat performance.

- [Tomcat Performance Concerns](#)
- [How do I increase performance on Tomcat?](#)

Other (non-exhaustive) notes:

- Stress test your webapp. You can do this via [JMeter](#), [siege](#), [flood](#), and other tools. Google is your friend.
- Tweak your UNIX box! Look at ulimit and kernel parameters.
- Bad design will hurt performance.
- Look at profiling tools for Java.

## Questions

1. [Is Tomcat faster than serving static HTML pages than Apache httpd?](#)
2. [How do I configure apache tomcat connectors for a heavy load site?](#)
3. [How do I make Tomcat start up faster?](#)

## Answers

### Is Tomcat faster than serving static HTML pages than Apache httpd?

Yes depending on how you tune it. And NO depending on how you tune it. Anything less starts a religious war. We recommend performing your own benchmarks and [see for yourself](#).

### How do I configure apache tomcat connectors for a heavy load site?

The following **excellent** article was written by Mladen Turk. He is a Developer and Consultant for JBoss Inc in Europe, where he is responsible for native integration. He is a long time committer for Jakarta Tomcat Connectors, Apache Httpd and Apache Portable Runtime projects.

*Fronting Tomcat with Apache or IIS - Best Practices*

- <https://people.apache.org/~mturk/docs/article/ftwai.html>

### How do I make Tomcat start up faster?

See [HowTo FasterStartUp](#)