

Trouble Shooting mod\_jk and mod\_proxy

Are you seeing 503 errors?

Are you having performance problems?

Are you seeing cping/cpong or "Tomcat is down or refused connection" [error] messages in the mod\_jk.log?

Yes

Yes

Yes

Optimize your Apache and JBoss configuration with <http://lbconfig-gss.rhcloud.com/>

Are you still having performance problems?

Yes

Gather GC logs for analysis

Double check there is no firewall blocking or dropping the AJP connections

Are there long GC pause times?

Yes

No

Optimize the JVM to reduce long GC pauses per <https://access.redhat.com/kb/docs/DOC-37435> This can be an iterative process

Determine how long the longest request should take. Factor in transaction times, you may need to increase the reply\_timeout.

Determine if your current environment can handle the given load, if not you may need to upgrade or add more machines