**SUMMARY**

A concurrency bug in Tomcat 6.

**DETAILS**

Some details can also be found at: https://bz.apache.org/bugzilla/show\_bug.cgi?id=47158

This bug is due to a data race.

private long currentTimeMillis;

|  |  |
| --- | --- |
| Thread1 (AstInteger.java) | Thread2 (AstInteger.java) |
| public long getCurrentTimeMillis() {  long systime = System.currentTimeMillis();  if ((systime - currentTimeMillis) > 1000) {  currentTimeMillis = new java.util.Date(systime).getTime();  }  return currentTimeMillis;  } | public long getCurrentTimeMillis() {  long systime = System.currentTimeMillis();  if ((systime - currentTimeMillis) > 1000) {  currentTimeMillis = new java.util.Date(systime).getTime();  }  return currentTimeMillis;  } |
| <JDBCAccessLogValve.java>  private long currentTimeMillis; |  |
| 0-lock | 0-lock |