# CVE Detail – CVE-2008-3637

The Hash-based Message Authentication Code (HMAC) provider in Java on Apple Mac OS X 10.4.11, 10.5.4, and 10.5.5 uses an uninitialized variable, which allows remote attackers to execute arbitrary code via a crafted applet, related to an "error checking issue."

## Threat-Mapped Scoring

Score: 1.8

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.93601

## CVSS Scoring

CVSS v3.1 Score: 8.8

Severity: HIGH

## Mapped CWE(s)

* CWE-665: Improper Initialization

## CAPEC(s)

* CAPEC-26: Leveraging Race Conditions
* CAPEC-29: Leveraging Time-of-Check and Time-of-Use (TOCTOU) Race Conditions

## Affected Products

* cpe:2.3:o:apple:mac\_os\_x:10.4.11:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.5.4:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x:10.5.5:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x\_server:10.4.11:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x\_server:10.5.4:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:apple:mac\_os\_x\_server:10.5.5:\*:\*:\*:\*:\*:\*:\*