# CWE Detail – CWE-614

## Description

The Secure attribute for sensitive cookies in HTTPS sessions is not set, which could cause the user agent to send those cookies in plaintext over an HTTP session.

## Extended Description

N/A

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## Observed Examples (CVEs)

**•** CVE-2004-0462: A product does not set the Secure attribute for sensitive cookies in HTTPS sessions, which could cause the user agent to send those cookies in plaintext over an HTTP session with the product.

**•** CVE-2008-3663: A product does not set the secure flag for the session cookie in an https session, which can cause the cookie to be sent in http requests and make it easier for remote attackers to capture this cookie.

**•** CVE-2008-3662: A product does not set the secure flag for the session cookie in an https session, which can cause the cookie to be sent in http requests and make it easier for remote attackers to capture this cookie.

**•** CVE-2008-0128: A product does not set the secure flag for a cookie in an https session, which can cause the cookie to be sent in http requests and make it easier for remote attackers to capture this cookie.

## Related Attack Patterns (CAPEC)

* CAPEC-102

## Modes of Introduction

**•** Implementation: N/A

## Common Consequences

**•** Impact: Read Application Data — Notes:

## Potential Mitigations

**•** Implementation: Always set the secure attribute when the cookie should sent via HTTPS only. (Effectiveness: N/A)

## Demonstrative Examples

**•** N/A