# CVE Detail – CVE-2010-4168

Multiple use-after-free vulnerabilities in OpenTTD 1.0.x before 1.0.5 allow (1) remote attackers to cause a denial of service (invalid write and daemon crash) by abruptly disconnecting during transmission of the map from the server, related to network/network\_server.cpp; (2) remote attackers to cause a denial of service (invalid read and daemon crash) by abruptly disconnecting, related to network/network\_server.cpp; and (3) remote servers to cause a denial of service (invalid read and application crash) by forcing a disconnection during the join process, related to network/network.cpp.

## Threat-Mapped Scoring

Score: 1.5

Priority: P4 - Informational (Low)

## EPSS

EPSS Score: N/A

Percentile: 0.85641

## CVSS Scoring

CVSS v3.1 Score: 7.5

Severity: HIGH

## Mapped CWE(s)

* CWE-416: Use After Free

## Affected Products

* cpe:2.3:a:openttd:openttd:\*:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:fedoraproject:fedora:13:\*:\*:\*:\*:\*:\*:\*
* cpe:2.3:o:fedoraproject:fedora:14:\*:\*:\*:\*:\*:\*:\*