# CWE Detail – CWE-248

## Description

An exception is thrown from a function, but it is not caught.

## Extended Description

When an exception is not caught, it may cause the program to crash or expose sensitive information.

## Threat-Mapped Scoring

Score: 3.0

Priority: P2 - Serious (High)

## Observed Examples (CVEs)

**•** CVE-2023-41151: SDK for OPC Unified Architecture (OPC UA) server has uncaught exception when a socket is blocked for writing but the server tries to send an error

**•** CVE-2023-21087: Java code in a smartphone OS can encounter a "boot loop" due to an uncaught exception

## Modes of Introduction

**•** Implementation: N/A

## Common Consequences

**•** Impact: DoS: Crash, Exit, or Restart, Read Application Data — Notes: An uncaught exception could cause the system to be placed in a state that could lead to a crash, exposure of sensitive information or other unintended behaviors.

## Applicable Platforms

**•** C++ (Class: None, Prevalence: Undetermined)

**•** Java (Class: None, Prevalence: Undetermined)

**•** C# (Class: None, Prevalence: Undetermined)

## Demonstrative Examples

**•** A DNS lookup failure will cause the Servlet to throw an exception.

**•** N/A

**•** N/A