# CWE Detail – CWE-431

## Description

A handler is not available or implemented.

## Extended Description

When an exception is thrown and not caught, the process has given up an opportunity to decide if a given failure or event is worth a change in execution.

## Threat-Mapped Scoring

Score: 0.0

Priority: Unclassified

## Observed Examples (CVEs)

**•** CVE-2022-25302: SDK for OPC Unified Architecture (OPC UA) is missing a handler for when a cast fails, allowing for a crash

## Modes of Introduction

**•** Implementation: N/A

## Common Consequences

**•** Impact: Varies by Context — Notes:

## Potential Mitigations

**•** Implementation: Handle all possible situations (e.g. error condition). (Effectiveness: N/A)

**•** Implementation: If an operation can throw an Exception, implement a handler for that specific exception. (Effectiveness: N/A)

## Applicable Platforms

**•** None (Class: Not Language-Specific, Prevalence: Undetermined)

## Demonstrative Examples

**•** When a Servlet throws an exception, the default error response the Servlet container sends back to the user typically includes debugging information. This information is of great value to an attacker.