**An Analysis of Trends in Vulnerabilities of the NVD Database**

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**Abstract**

**General Terms**

**Keywords**

**1.) Introduction**

The increased rate of software production has resulted in an increase in software security errors

**2.) Related Works**

**3.) Common Trends**

**4.) Trends of the Most Severe Vulnerabilities**

4 CWE’s have been selected: CWE-20 Improper Input Validation, CWE-89 Improper Neutralization of Special Elements used in SQL commands, CWE-119 Improper Restriction of Operations within the Bounds of a Memory Buffer , and CWE-264 Permissions, Privileges, and Access Controls.

Include 77, 78, 94,74

Command Injection

OS Command Injections

Code Injection

Injection