



## CERT-In Advisory CIAD-2025-0039

### Multiple Vulnerabilities in Oracle Products

Original Issue Date: October 22, 2025

Severity Rating: High

Software Affected

- Oracle MySQL
- Java SE
- Oracle Database Server
- WebLogic Server
- VirtualBox

For complete list of affected products refer to the oracle advisory:

<https://www.oracle.com/security-alerts/cpuoct2025.html>

#### Overview

Multiple vulnerabilities have been reported in various Oracle products, which could be exploited by a remote attacker to trigger elevation of privilege, denial of service condition, remote code execution, data manipulation, sensitive information disclosure and security restriction bypass on the targeted system.

#### Target Audience:

Individuals and organisational users of the above-mentioned Oracle products.

#### Risk Assessment:

High risk of information disclosure, data manipulation, system instability and arbitrary code execution.

#### Impact Assessment:

Potential unauthorized access to sensitive information, denial of service, data manipulation, and complete takeover of control of the target system.

#### Description

Oracle products are used for several applications including enterprise-level data management, cloud solutions, software development, and business applications. They are employed across a wide range of sectors, including finance, healthcare, manufacturing, government, and retail, among others.

Multiple vulnerabilities have been reported in various components of Oracle products.

Successful exploitation of these vulnerabilities could allow an attacker to trigger elevation of privilege, denial of service condition, remote code execution, data manipulation, sensitive information disclosure and security restriction bypass on the targeted system.

For complete list of affected products, CVEs, workarounds and solutions, refer to the oracle advisory:

<https://www.oracle.com/security-alerts/cpuoct2025.html>

#### Solution

Apply appropriate updates as mentioned in Oracle updates:

<https://www.oracle.com/security-alerts/cpuoct2025.html>

#### Vendor Information

##### Oracle

<https://www.oracle.com/security-alerts/cpuoct2025.html>

#### References

##### Oracle

<https://www.oracle.com/security-alerts/cpuoct2025.html>

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