

مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Multiple vulnerabilities in Apache Tomcat**

Tracking #:432316532

Date:20-11-2024

## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed multiple vulnerabilities have been identified in Apache Tomcat that could lead to remote code execution, service outages, or unauthorized access to sensitive resources.

## TECHNICAL DETAILS:

Apache Tomcat, one of the most widely used open-source web server and servlet container software, has been found to have three vulnerabilities (CVE-2024-52316, CVE-2024-52317, CVE-2024-52318).

### Vulnerabilities Overview:

1. CVE-2024-52316- Apache Tomcat - Authentication Bypass
  - Severity: **Critical** (CVSS 9.8)
2. CVE-2024-52317- Apache Tomcat - Request and/or response mix-up
  - Severity: Medium (CVSS 6.5)
  - Versions Affected: (CVE-2024-52316, CVE-2024-52317)
    - Apache Tomcat 11.0.0-M1 to 11.0.0-M26
    - Apache Tomcat 10.1.0-M1 to 10.1.30
    - Apache Tomcat 9.0.0-M1 to 9.0.95
  - Fixed Versions (CVE-2024-52316, CVE-2024-52317)
    - Upgrade to Apache Tomcat 11.0.0 or later
    - Upgrade to Apache Tomcat 10.1.31 or later
    - Upgrade to Apache Tomcat 9.0.96 or later
3. CVE-2024-52318- Incorrect object recycling and reuse vulnerability in Apache Tomcat
  - Severity: Medium (CVSS 6.1)
  - Versions Affected:
    - Apache Tomcat 11.0.0
    - Apache Tomcat 10.1.31
    - Apache Tomcat 9.0.96
  - Fixed Versions:
    - Upgrade to Apache Tomcat 11.0.1 or later
    - Upgrade to Apache Tomcat 10.1.33 or later
    - Upgrade to Apache Tomcat 9.0.97 or later

## RECOMMENDATIONS:

- Install the latest available version and apply patches as soon as possible.

Kindly circulate this information to your subsidiaries and partners as well as share with us any relevant information and findings.

The UAE Cyber Security Council extends its appreciation for the continued collaboration.

## REFERENCES:

- <https://nvd.nist.gov/vuln/detail/CVE-2024-52316>
- <https://nvd.nist.gov/vuln/detail/CVE-2024-52317>
- <https://nvd.nist.gov/vuln/detail/CVE-2024-52318>