مجلس الأمن السيبراني
CYBER SECURITY COUNCIL
United Arab Emirates

Critical Vulnerability in F5 Traffix SDC
Tracking #:432316762
Date:20-01-2025

TLP: WHITE

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed a critical vulnerability (Apache Tomcat) in F5 Traffix SDC that could be exploited to gain unauthorized access to affected systems.

TECHNICAL DETAILS:

CVE-2024-52316 is a critical vulnerability affecting Apache Tomcat that allows authentication bypass under specific configurations. The vulnerability impacts Apache Tomcat versions 11.0.0-M1 through 11.0.0-M26, 10.1.0-M1 through 10.1.30, and 9.0.0-M1 through 9.0.95.

Vulnerability Details:
- **CVE-2024-52316**
- CVSS Base Score: 9.8 (Critical)
- If Tomcat is configured with a custom Jakarta Authentication ServerAuthContext component that throws an exception during authentication without setting an HTTP failure status, an attacker could bypass the authentication process.
- Exploitation of this vulnerability could lead to:
  - Unauthorized access to sensitive data
  - System compromise
  - Privilege escalation
  - Circumvention of resource isolation mechanisms

Affected Products:
- F5 products Traffix SDC version 5.2.0

Fixed Versions:
- Apache Tomcat 11.0.0 or later
- Apache Tomcat 10.1.31 or later
- Apache Tomcat 9.0.96 or later

For Traffix SDC 5.2.0:
No fix is currently available. F5 recommends upgrading to a version with the fix when it becomes available.

RECOMMENDATIONS:

The UAE Cyber Security Council recommends applying the mitigation or workaround provided by F5.
- **Update Traffix SDC:** No fix is currently available for Traffix SDC 5.2.0. Monitor for updates and apply them when available.

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:

TLP: WHITE

- https://my.f5.com/manage/s/article/K000149333?utm_source=f5support&utm_medium=RSS

https://www.csc.gov.ae/

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