

مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Critical Security Update- Dell OpenManage Server Administrator**  
Tracking #:432316700  
Date:03-01-2025

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## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that Dell has released security updates for Dell OpenManage Server Administrator (OMSA) to address an Apache Tomcat vulnerability. This vulnerability could allow unauthenticated remote attackers to bypass authentication, potentially compromising affected systems.

## TECHNICAL DETAILS:

Dell has released a critical security update for Dell OpenManage Server Administrator (OMSA) to address an Apache Tomcat Unchecked Error Condition Vulnerability (CVE-2024-52316). This vulnerability could potentially be exploited by malicious users to bypass authentication mechanisms.

### Vulnerability Details:

- **CVE-2024-52316**
- **Severity:** Critical
- **Affected Component:** Apache Tomcat
- **CVSS Score:** 9.8 (Critical)
- The vulnerability arises when Tomcat is configured with a custom Jakarta Authentication (formerly JASPIC) ServerAuthContext component. If this component throws an exception during the authentication process without explicitly setting an HTTP status to indicate failure, the authentication may not fail properly, allowing users to bypass the authentication process

### Affected Products and Mitigations:

Product	Software	Affected Versions	Fixed Versions
Dell OpenManage Server Administrator Managed Node for Windows	Apache Tomcat	Versions prior to 11.1.0.0	Version 11.1.0.0 or later
Dell OpenManage Server Administrator Managed Node (Linux Consolidated)	Apache Tomcat	Versions prior to 11.1.0.0	Version 11.1.0.0 or later
Dell OpenManage Server Administrator Managed Node for RHEL 8.x	Apache Tomcat	Versions prior to 11.1.0.0	Version 11.1.0.0 or later
Dell OpenManage Server Administrator Managed Node for RHEL 9.x	Apache Tomcat	Versions prior to 11.1.0.0	Version 11.1.0.0 or later
Dell OpenManage Server Administrator Managed Node for SLES 15	Apache Tomcat	Versions prior to 11.1.0.0	Version 11.1.0.0 or later
Dell OpenManage Server Administrator Managed Node for Ubuntu 20.04	Apache Tomcat	Versions prior to 11.1.0.0	Version 11.1.0.0 or later
Dell Systems Management Tools and Documentation DVD ISO	Apache Tomcat	Versions prior to 11.1.0.0	Version 11.1.0.0 or later

## RECOMMENDATIONS:

The UAE Cyber Security Council recommends to upgrade the affected versions to the fixed versions at the earliest.

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://www.dell.com/support/kbdoc/en-us/000267482/dsa-2025-031-dell-openmanage-server-administrator-omsa-security-update-for-apache-tomcat-unchecked-error-condition-vulnerability>