



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Multiple Vulnerabilities in Apache Ambari**  
Tracking #:432316774  
Date:22-01-2025

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## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed that The Apache Software Foundation recently disclosed three significant vulnerabilities in Apache Ambari, a widely used platform for managing Hadoop clusters.

## TECHNICAL DETAILS:

The Apache Software Foundation recently disclosed three significant vulnerabilities in Apache Ambari, a widely used platform for managing Hadoop clusters. These flaws, which range from moderate to high severity, could allow attackers to execute malicious code, access sensitive data, and compromise vulnerable systems. The vulnerabilities, tracked as CVE-2025-23195, CVE-2025-23196, and CVE-2024-51941, affect several versions and components of Ambari.

- CVE-2025-23195: This XML External Entity (XXE) vulnerability, located in the Ambari/Oozie integration, could allow attackers to read arbitrary files on the server and potentially expose sensitive data. It also opens the door to Server-Side Request Forgery (SSRF) attacks, giving attackers the ability to interact with internal services.
- CVE-2025-23196 and CVE-2024-51941: Both of these are code injection vulnerabilities found in the Ambari Alert Definition and Ambari Metrics/AMS Alerts features, respectively. These flaws enable authenticated attackers to execute arbitrary shell commands on the server, which could lead to system compromise, data theft, and service disruption.

### Fixed Versions:

- Ambari installations Version 2.7.9

## RECOMMENDATIONS:

The UAE Cyber Security Council recommends to update Apache Ambari to the latest Version.

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://cwiki.apache.org/confluence/display/AMBARI/Installation+Guide+for+Ambari+2.7.9>