

مجلس الأمن السيبراني
CYBER SECURITY COUNCIL



Zabbix Security Updates

Tracking #:432317036

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EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed Zabbix released security updates to addresses two significant vulnerabilities identified in Zabbix, a popular open-source monitoring solution.

TECHNICAL DETAILS:

Two vulnerabilities have been identified in the Zabbix monitoring platform, affecting both the API and web interface. These vulnerabilities pose significant security risks and can be exploited by attackers to execute arbitrary SQL commands (CVE-2024-36465) and inject malicious scripts via reflected XSS (CVE-2024-45699).

Vulnerability Details:

1. SQL Injection Vulnerability (CVE-2024-36465)

- **Description:** A low-privilege Zabbix user with API access can exploit an SQL injection vulnerability in include/classes/api/CApiService.php. This vulnerability allows the execution of arbitrary SQL commands via the groupBy parameter.
- **CVSS Score:** 8.6
- **Affected Versions:** 7.0.0-7.0.7, 7.2.0-7.2.1
- **Fixed Versions:** 7.0.8rc2, 7.2.2rc1
- **Attack Vector:** An authenticated Zabbix API user can inject malicious SQL queries.

2. Reflected XSS Vulnerability (CVE-2024-45699)

- **Description:** The endpoint /zabbix.php?action=export.valuemaps is vulnerable to Cross-Site Scripting (XSS) via the backurl parameter. User-supplied data is reflected without proper HTML escaping or output encoding, allowing the injection of JavaScript payloads.
- **CVSS Score:** 7.5
- **Affected Versions:** 6.0.0-6.0.36, 6.4.0-6.4.20, 7.0.0-7.0.6
- **Fixed Versions:** 6.0.37rc1, 6.4.21rc1, 7.0.7rc1
- **Attack Vector:** A logged-in Zabbix user must click a malicious link, potentially hosted on an external website.

RECOMMENDATIONS:

The UAE Cyber Security Council recommends to upgrade Zabbix instances to the fixed versions 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://support.zabbix.com/browse/ZBX-26257>
- <https://support.zabbix.com/browse/ZBX-26254>