



مجلس الأمن السيبراني  
CYBER SECURITY COUNCIL



**Critical RCE Vulnerability in OpenStack Vitrage**  
Tracking #:432318510  
Date:04-03-2026

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## EXECUTIVE SUMMARY:

The UAE Cyber Security Council has observed a critical Remote Code Execution (RCE) vulnerability has been discovered in OpenStack Vitrage, the Root Cause Analysis (RCA) service used by cloud administrators.

## TECHNICAL DETAILS:

A critical Remote Code Execution (RCE) vulnerability has been discovered in OpenStack Vitrage, the Root Cause Analysis (RCA) service used by cloud administrators.

### Vulnerability Details

- Vulnerability Type: Remote Code Execution (RCE)
- CVSS Score: 9.1 (**Critical**)
- CVE Identifier: CVE-2026-28370
- Affected Component: OpenStack Vitrage query parser (`_create_query_function` in `vitrage/graph/query.py`)
- Access Vector: Network, authenticated user with access to Vitrage API
- Privileges Required: Vitrage service privileges
- Impact: Complete compromise of the Vitrage service host, potential disruption of cloud monitoring, unauthorized host access.

### Affected Versions:

- All versions prior to 12.0.1
- 13.0.0 excluding 13.0.1
- 14.0.0 excluding 14.0.1
- 15.0.0 excluding 15.0.1

### Fixed Versions:

- Versions: 12.0.1 or later

## RECOMMENDATIONS:

The UAE Cyber Security Council recommends to update affected OpenStack Vitrage instances to the latest patched release.

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-2026-28370>