



# Security Advisory SWRX-2014-001

## Open Web Analytics Pre-Auth SQL Injection

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### Dell SecureWorks Counter Threat Unit™ Threat Intelligence

#### Advisory Information

**Title:** Open Web Analytics Pre-Auth SQL Injection

**Advisory ID:** SWRX-2014-001

**Advisory URL:** <http://www.secureworks.com/cyber-threat-intelligence/advisories/SWRX-2014-001/>

**Date published:** Thursday, January 9, 2014

**CVE:** CVE-2014-1206

**CVSS v2 base score:** 7.5

**Date of last update:** Wednesday, January 8, 2014

**Vendors contacted:** Open Web Analytics

**Release mode:** Coordinated

**Discovered by:** Dana James Traversie, Dell SecureWorks

#### Summary

Open Web Analytics (OWA) is open source web analytics software that can track and analyze how visitors use websites and applications. OWA is vulnerable to SQL injection that allows an attacker to execute arbitrary SQL statements in the context of the configured OWA database user without authenticating to the web application.

#### Affected products

This vulnerability affects Open Web Analytics v1.5.4.

#### Vendor information, solutions, and workarounds

The vendor has released an updated version to address this vulnerability. OWA users should upgrade to version v1.5.5 or later.

#### Details

An SQL injection vulnerability exists in Open Web Analytics v1.5.4 due to insufficient input validation of the 'owa\_email\_address' parameter on the password reset page. The password reset page does not require user authentication. A remote attacker can leverage this issue to execute arbitrary SQL statements in the context of the configured OWA database user. The impact of the vulnerability varies based on the deployment and configuration of the OWA, database, and web server software. Successful exploitation could result in complete loss of confidentiality, integrity, and availability in the OWA database and may affect the entire underlying database management system. This issue could also lead to operating system compromise under the right conditions.



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