



National Computer Board Computer Emergency Response Team of Mauritius (CERT-MU)



Threat Alert

Bash Code Injection Vulnerability

Issued on: September 26, 2014

Severity Rating: High

Systems Affected:

- Mac OS X
- Linux distributions
- UNIX distributions
- GNU BASH versions 1.14 through 4.3

Description:

A vulnerability has been discovered affecting the Bourne Again SHell (BASH). BASH is the default command-line shell processor that is often run in a text window on Linux and UNIX systems. BASH allows users to type commands that cause actions. In addition, BASH has the ability to read commands from a scripted file. Based on the wide use of Linux and UNIX systems, it can be assumed that most distributions running Linux and UNIX, as well Mac OS X, are likely vulnerable.

Successful exploitation could result in an attacker gaining the same privileges as the logged on user. Depending on the privileges associated with the user, an attacker could then install programs; view, change, or delete data; or create new accounts with full user rights.

CVE Information

The CVE provides information about the vulnerability.

[CVE-2014-7169](https://cve.mitre.org/cve/2014/7169)

Recommendations

1. Upgrade vulnerable products immediately after appropriate testing.

Operating systems with updates include:

- [CentOS](#)
- [Debian](#)
- [Redhat](#)
- [Ubuntu](#)

2. Run all software as a non-privileged user (one without administrative privileges) to diminish the effects of a successful attack.

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