

US-CERT Technical Cyber Security Alert TA06-333A -- Apple Releases Security Update to Address Multiple Vulnerabilities

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- *From:* CERT Advisory <cert-advisory@xxxxxxxx>
 - *Date:* Wed, 29 Nov 2006 16:12:56 -0500
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National Cyber Alert System

Technical Cyber Security Alert TA06-333A

Apple Releases Security Update to Address Multiple Vulnerabilities

Original release date: November 29, 2006

Last revised: --

Source: US-CERT

Systems Affected

- * Apple Mac OS X version 10.3.x and 10.4.x
- * Apple Mac OS X Server version 10.3.x and 10.4.x
- * Apple Safari web browser

These vulnerabilities affect both Intel-based and PowerPC-based Apple systems.

Overview

Apple has released Security Update 2006-007 to correct multiple vulnerabilities affecting Mac OS X, Mac OS X Server, Safari web browser. Vulnerabilities in OpenSSL, gzip, and other products are also addressed. The most serious of these vulnerabilities may allow a remote attacker to execute arbitrary code. Attackers may take advantage of the less serious vulnerabilities to bypass security restrictions or cause a denial of service.

I. Description

Apple Security Update 2006-007 addresses a number of vulnerabilities affecting Mac OS X, OS X Server, Safari web browser, and other products. Further details are available in the related vulnerability notes.

This security update also addresses previously known vulnerabilities in PHP, Perl, OpenSSL, and gzip, which are shipped with Mac OS X. The OpenSSL vulnerabilities are documented in multiple vulnerability notes. Information is also available through the OpenSSL vulnerabilities page. Information about the vulnerabilities in gzip is available in a series of vulnerability notes.

II. Impact

The impacts of these vulnerabilities vary. For specific details, see the appropriate vulnerability notes. Potential consequences include remote execution of arbitrary code or commands, bypass of security restrictions, and denial of service.

III. Solution

Install updates

Install Apple Security Update 2006-007. This and other updates are available via Apple Update or via Apple Downloads.

IV. References

* Vulnerability Notes for Apple Security Update 2006-007 –
<<http://www.kb.cert.org/vuls/byid?searchview&query=apple-2006-007>>

* Vulnerability Notes for OpenSSL Security Advisory [28th September 2006] –
<http://www.kb.cert.org/vuls/byid?searchview&query=openssl_secadv_20060928>

* Vulnerability Note VU#845620 –
<<http://www.kb.cert.org/vuls/id/845620>>

* Vulnerability Note VU#933712 –
<<http://www.kb.cert.org/vuls/id/933712>>

* Vulnerability Note VU#381508 –
<<http://www.kb.cert.org/vuls/id/381508>>

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- * Vulnerability Note VU#554780 –
<<http://www.kb.cert.org/vuls/id/554780>>
- * Vulnerability Note VU#596848 –
<<http://www.kb.cert.org/vuls/id/596848>>
- * Vulnerability Note VU#773548 –
<<http://www.kb.cert.org/vuls/id/773548>>
- * About the security content of Security Update 2006-007 –
<<http://docs.info.apple.com/article.html?artnum=304829>>
- * Mac OS X: Updating your software –
<<http://docs.info.apple.com/article.html?artnum=106704>>
- * Apple Downloads – <<http://www.apple.com/support/downloads/>>
- * OpenSSL: OpenSSL vulnerabilities –
<<http://www.openssl.org/news/vulnerabilities.html>>
- * Securing Your Web Browser –
<http://www.us-cert.gov/reading_room/securing_browser/#Safari>

The most recent version of this document can be found at:

<<http://www.us-cert.gov/cas/techalerts/TA06-333A.html>>

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Revision History

November 29, 2006: Initial release

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