



# US-CERT

UNITED STATES COMPUTER EMERGENCY READINESS TEAM

## Monthly Activity Summary - June 2010 -

This report summarizes general activity as well as updates made to the [National Cyber Alert System](#) in June 2010. It includes current activity updates, technical and non-technical cyber security alerts, cyber security bulletins, and cyber security tips, in addition to other newsworthy events or highlights.

### Executive Summary

During June 2010, US-CERT issued 13 Current Activity entries, 3 Technical Cyber Security Alerts, 3 Cyber Security Alerts, 5 weekly Cyber Security Bulletins, and 2 Cyber Security Tips.

Highlights for this month include updates released by Microsoft, Adobe, Apple, Google, and Mozilla.

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### Current Activity

[Current Activity](#) entries are high-impact security threats and vulnerabilities presently being reported to US-CERT. The table lists all of the entries posted this month followed by a brief overview of the most significant entries.

<b>Current Activity for June 2010</b>	
<b>June 4</b>	<a href="#">Microsoft Releases Advance Notification for June Security Bulletin</a>
<b>June 5</b>	<a href="#">Adobe Releases Security Advisory for Flash Player, Reader, and Acrobat</a>
<b>June 8</b>	<a href="#">Microsoft Releases June Security Bulletin</a>
<b>June 8</b>	<a href="#">Apple Releases Safari 5.0 and Safari 4.1</a>
<b>June 9</b>	<a href="#">Google Releases Chrome 5.0.375.70</a>
<b>June 10</b>	<a href="#">Adobe Releases Flash 10.1</a>
<b>June 10</b>	<a href="#">Microsoft Windows Help and Support Center Vulnerability</a>
<b>June 16</b>	<a href="#">Apple Releases Security Update 2010-004 and Mac OS X v10.6.4</a>
<b>June 17</b>	<a href="#">Apple Releases iTunes 9.2</a>
<b>June 23</b>	<a href="#">Apple Releases iOS 4</a>

<b>Current Activity for June 2010</b>	
<b>June 23</b>	<a href="#">Mozilla Releases Firefox 3.6.4</a>
<b>June 25</b>	<a href="#">Google Releases Chrome 5.0.375.86</a>
<b>June 29</b>	<a href="#">Adobe Releases Update for Adobe Reader and Adobe Acrobat</a>

- Microsoft has released updates to address vulnerabilities in Microsoft Windows, Internet Explorer, Office, SharePoint, and .NET Framework as part of the Microsoft Security Bulletin Summary for [June 2010](#). These vulnerabilities may allow an attacker to execute arbitrary code or operate with elevated privileges. US-CERT encourages users and administrators to review the [bulletins](#) and follow best-practice security policies to determine which updates should be applied.
- Adobe released a security bulletin and updated versions of Flash, Acrobat, and Reader for multiple critical vulnerabilities. Refer to the Security Highlights section for further details. Updates are provided in Security Advisory [APSA10-01](#), Adobe Security Bulletin [APSB10-14](#), and Adobe Security Bulletin [APSB10-15](#).
- Apple released updates for Safari, Mac OS X, iTunes, and iOS.
  - Safari 5.0 and Safari 4.1 for Windows and Mac OS X addressed multiple vulnerabilities in ColorSync, Safari, and WebKit. These vulnerabilities may allow an attacker to execute arbitrary code, cause a denial-of-service condition, obtain sensitive information, or conduct cross-site scripting attacks, as described in Apple article [HT4196](#).
  - Security Update 2010-004 and Mac OS X v10.6.4 addressed multiple vulnerabilities that affect a number of applications. These vulnerabilities may allow an attacker to execute arbitrary code, cause a denial-of-service condition, operate with elevated privileges, conduct man-in-the-middle attacks, alter configuration settings, or conduct cross-site scripting attacks. Apple Article [HT4188](#) and the Adobe PSIRT [blog entry](#) provide further details.
  - iTunes 9.2 for Windows systems addressed multiple vulnerabilities affecting the ColorSync, ImageIO, and WebKit packages. These vulnerabilities may allow an attacker to execute arbitrary code or cause a denial-of-service condition. Refer to Apple article [HT4220](#).
  - iOS 4 for the iPhone 3G (and later versions) and iPod touch (2nd generation and later) addressed multiple vulnerabilities across several packages. These vulnerabilities may allow an attacker to execute arbitrary code, cause a denial-of-service condition, disclose sensitive information, bypass security restrictions, or conduct cross-site scripting attacks. Additional details are provided in Apple article [HT4225](#).
- Google released two updates for its Chrome web browser. [Chrome 5.0.375.70](#) and [Chrome 5.0.375.86](#) for Linux, Mac, and Windows addressed multiple vulnerabilities that may allow an attacker to execute arbitrary code, conduct cross-site scripting attacks, bypass security restrictions, or obtain sensitive information.
- The Mozilla Foundation has released Firefox 3.6.4 and Firefox 3.5.10 to address multiple vulnerabilities. These vulnerabilities may allow an attacker to execute arbitrary code, cause a denial-of-service condition, obtain sensitive information, or conduct cross-site scripting attacks. Some of these vulnerabilities also affect Thunderbird and SeaMonkey. Additional details are described in security advisories for [Firefox 3.6](#) and [Firefox 3.5](#).

## Technical Cyber Security Alerts

[Technical Cyber Security Alerts](#) are distributed to provide timely information about current security issues, vulnerabilities, and exploits.

<i>Technical Cyber Security Alerts for June 2010</i>	
<b>June 8</b>	<a href="#">TA10-159A Adobe Flash, Reader, and Acrobat Vulnerability</a>
<b>June 8</b>	<a href="#">TA10-159B Microsoft Updates for Multiple Vulnerabilities</a>
<b>June 11</b>	<a href="#">TA10-162A Adobe Flash and AIR Vulnerabilities</a>

## Cyber Security Alerts

[Cyber Security Alerts](#) are distributed to provide timely information about current security issues, vulnerabilities, and exploits. They outline the steps and actions that non-technical home and corporate users can take to protect themselves.

<i>Cyber Security Alerts (non-technical) for June 2010</i>	
<b>June 8</b>	<a href="#">SA10-159A Adobe Flash, Reader, and Acrobat Vulnerability</a>
<b>June 8</b>	<a href="#">SA10-159B Microsoft Updates for Multiple Vulnerabilities</a>
<b>June 11</b>	<a href="#">SA10-162A Adobe Flash and AIR Vulnerabilities</a>

## Cyber Security Bulletins

[Cyber Security Bulletins](#) are issued weekly and provide a summary of new vulnerabilities recorded by the National Institute of Standards and Technology's (NIST's) [National Vulnerability Database \(NVD\)](#). The NVD is sponsored by the Department of Homeland Security (DHS) National Cyber Security Division (NCSD)/US-CERT. For modified or updated entries, please visit the NVD, which contains historical vulnerability information.

<i>Security Bulletins for June 2010</i>	
	<a href="#">SB10-152 Vulnerability Summary for the Week of May 24, 2010</a>
	<a href="#">SB10-158 Vulnerability Summary for the Week of May 31, 2010</a>
	<a href="#">SB10-165 Vulnerability Summary for the Week of June 7, 2010</a>
	<a href="#">SB10-172 Vulnerability Summary for the Week of June 14, 2010</a>
	<a href="#">SB10-179 Vulnerability Summary for the Week of June 21, 2010</a>

A total of 492 vulnerabilities were recorded in the [NVD](#) during June 2010.

## Cyber Security Tips

[Cyber Security Tips](#) are primarily intended for non-technical computer users.

<i>Cyber Security Tips for June 2010</i>	
<b>June 8</b>	<a href="#">Cyber Security Tip ST05-008 How Anonymous Are You?</a>
<b>June 23</b>	<a href="#">Cyber Security Tip ST05-010 Understanding Web Site Certificates</a>

## ***Security Highlights***

### **Adobe Released Updates for Flash, Reader, and Acrobat**

In June, Adobe released a security advisory and two security bulletins to notify users of vulnerabilities in Adobe Flash Player, Reader, and Acrobat. Exploitation of these vulnerabilities could allow an attacker to execute arbitrary code and take control of affected systems or cause a denial-of-service condition. Adobe later released updates for Flash, Reader, and Acrobat to address these vulnerabilities that affected the following versions:

- Adobe Flash Player 10.0.45.2 and earlier versions
- Adobe AIR 1.5.3.9130 and earlier versions
- Adobe Reader 9.3.2 and earlier versions for Windows, Macintosh, and UNIX
- Adobe Acrobat 9.3.2 and earlier versions for Windows and Macintosh

Note that a previous update for Apple included Adobe Flash Player plugin version 10.0.45.2, which contained vulnerabilities previously identified in Adobe Security Bulletin [APSB10-14](#). The Adobe Product Security Incident Response Team (PSIRT) published a [blog entry](#) recommending that Mac OS X users upgrade to the latest version of the Flash Player (currently version 10.1.82.76) after applying Apple updates.

US-CERT received reports of active exploitation of these vulnerabilities. US-CERT recommends that administrators and users review Adobe security advisory [APSA10-01](#), Adobe Security Bulletins [APSB10-14](#) and [APSB10-15](#), then update to the latest versions of Adobe Flash Player, Acrobat, and Reader.

### ***Contacting US-CERT***

If you would like to contact US-CERT to ask a question, submit an incident, or learn more about cyber security, please use one of the methods listed below. If you would like to provide feedback on this report, or if you have comments or suggestions for future reports, please email [info@us-cert.gov](mailto:info@us-cert.gov).

Web Site Address: <http://www.us-cert.gov>

Email Address: [info@us-cert.gov](mailto:info@us-cert.gov)

Phone Number: +1 (888) 282-0870

PGP Key ID: [0xCB0CBD6E](#)

PGP Key Fingerprint: 2A10 30D4 3083 2D28 032F 6DE3 3D60 3D81 CB0C BD6E

PGP Key: <https://www.us-cert.gov/pgp/info.asc>