



**State of Alaska Cyber Security &  
Critical Infrastructure  
Cyber Advisory**

**September 10, 2013**

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**ADVISORY NUMBER:**  
SA2013-068

**DATE(S) ISSUED:**  
09/10/2013

**SUBJECT:**  
Multiple Vulnerabilities in Adobe Shockwave Player Could Allow for Remote Code Execution (APSB13-23)

**OVERVIEW:**

Multiple vulnerabilities have been discovered in Adobe Shockwave, which could allow for remote code execution. Adobe Shockwave is a multimedia platform used to add animation and interactivity to web pages. These vulnerabilities may be exploited if a user visits or is redirected to a specially crafted web page or when a user opens a specially crafted file. 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.

**SYSTEMS AFFECTED:**

- Adobe Shockwave Player 12.0.3.133 and earlier versions for Windows and Macintosh

**RISK:**

**Government:**

- Large and medium government entities: **High**
- Small government entities: **High**

**Businesses:**

- Large and medium business entities: **High**
- Small business entities: **High**

**Home users: High**

**DESCRIPTION:**

Adobe has released a security update for Adobe Shockwave Player 12.0.3.133 and earlier versions on the Windows and Macintosh operating systems. This update addresses memory corruption vulnerabilities that could allow an attacker, who successfully exploits this vulnerability, to run malicious code on the affected system. Adobe recommends users of Adobe Shockwave Player 12.0.3.133 and earlier versions update to Adobe Shockwave Player 12.0.4.144 using the link provided in the solution section of their security bulletin which can be found at the bottom of this advisory.

**RECOMMENDATIONS:**

We recommend the following actions be taken:

- Install the updates provided by Adobe immediately after appropriate testing.
- Users of Adobe Shockwave Player 12.0.3.133 and earlier versions for Windows and Macintosh should update to Adobe Shockwave Player 12.0.4.144.
- Run all software as a non-privileged user (one without administrative privileges) to diminish the effects of a successful attack.
- Remind users not to visit untrusted websites or follow links provided by unknown or untrusted sources.
- Do not open email attachments from unknown or untrusted sources.

**REFERENCES:**

**Adobe:**

<http://www.adobe.com/support/security/bulletins/apsb13-23.html>

**CVE:**

<http://www.cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2013-3359>

<http://www.cve.mitre.org/cgi-bin/cvename.cgi?name=CVE-2013-3360>