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[Vulnerability Alert] 31 High-Risk Security Vulnerabilities Found in Chromium-based Browsers, Please Confirm and Patch Immediately

- Subject Explanation: [Vulnerability Alert] 31 High-Risk Security Vulnerabilities Found in Chromium-based Browsers, Please Confirm and Patch Immediately

- Content Description:
  - Forwarding National Information Security Analysis and Sharing Center (NISAC) Alert NISAC-200-202603-00000010
  - Researchers have discovered 31 high-risk security vulnerabilities (CVE-2026-3909, CVE-2026-3910, CVE-2026-3913 to CVE-2026-3932, and CVE-2026-3934 to CVE-2026-3942) in Chromium-based browsers such as Google Chrome, Microsoft Edge, Vivaldi, Brave, and Opera. Vulnerability types include Out-of-bounds Write, Code Injection, and Use After Free. The most severe vulnerabilities could allow an unauthenticated remote attacker to execute arbitrary code within the browser sandbox environment via a specially crafted HTML page.
  - Among them, CVE-2026-3909 and CVE-2026-3910 have already been exploited by hackers; please confirm and patch immediately.
- Impacted Platforms:
  - Google Chrome versions prior to 146.0.7680.80 (exclusive)
  - Microsoft Edge versions prior to 146.0.3856.62 (exclusive)
  - Vivaldi versions prior to 7.8.3925.81 (exclusive)
  - Brave versions prior to 1.88.132 (exclusive)
  - Opera versions prior to 128.0.5807.77 (exclusive)
- Suggested Measures:
  1. Please update Google Chrome to version 146.0.7680.80 and later versions
     https://support.google.com/chrome/answer/95414?hl=zh-Hant
  2. Please update Microsoft Edge to version 146.0.3856.62 and later versions
     https://support.microsoft.com/zh-tw/topic/microsoft-edge-%E6%9B%B4%E6%96%B0%E8%A8%AD%E5%AE%9A-af8aaca2-1b69-4870-94fe-18822dbb7ef1
  3. Please update Vivaldi to version 7.8.3925.81 and later versions
     https://help.vivaldi.com/desktop/install-update/update-vivaldi/
  4. Please update Brave to version 1.88.132 and later versions
     https://community.brave.com/t/how-to-update-brave/384780
  5. Please update Opera to version 128.0.5807.77 and later versions
     https://help.opera.com/en/latest/crashes-and-issues/#updateBrowser
- References:
  1. https://support.google.com/chrome/answer/95414?hl=zh-Hant
  2. https://support.microsoft.com/zh-tw/topic/microsoft-edge-%E6%9B%B4%E6%96%B0%E8%A8%AD%E5%AE%9A-af8aaca2-1b69-4870-94fe-18822dbb7ef1

3. https://help.vivaldi.com/desktop/install-update/update-vivaldi/
4. https://community.brave.com/t/how-to-update-brave/384780
5. https://help.opera.com/en/latest/crashes-and-issues/#updateBrowser
6. https://chromereleases.googleblog.com/2026/03/stable-channel-update-for-desktop_10.html
7. https://chromereleases.googleblog.com/2026/03/stable-channel-update-for-desktop_12.html
8. https://chromereleases.googleblog.com/2026/03/stable-channel-update-for-desktop_13.html
9. https://msrc.microsoft.com/update-guide/vulnerability/CVE-2026-3909
10. https://vivaldi.com/blog/desktop/autohide-and-security-updates-vivaldi-browser-snapshot-3970-28/
11. https://www.reddit.com/r/brave_browser/comments/1rtmkxf/release_channel_188132/
12. https://blogs.opera.com/security/2026/03/update-your-browser-security-fix-for-chrome-zero-day-cve-2026-3910/

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