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Vulnerability Alert79 High-Risk Security Vulnerabilities Identified in Chromium-Based Browsers; Please Verify and Apply Patches Promptly

- Subject: Vulnerability Alert79 High-Risk Security Vulnerabilities Identified in Chromium-Based Browsers; Please Verify and Apply Patches Promptly

- Description:
  - Forwarded from National Information Sharing and Analysis Center Security Alert NISAC-200-202605-00000009
  - Researchers have discovered 79 high-risk security vulnerabilities (CVE-2026-8509 to CVE-2026-8587) in Chromium-based browsers, including Google Chrome, Microsoft Edge, Vivaldi, and Brave. Vulnerability types include Use After Free and Heap-based Buffer Overflow, among others. In the worst-case scenario, an unauthenticated remote attacker could entice a user to open a specially crafted HTML page, thereby escaping the browser sandbox environment. Please verify and apply patches promptly.
- Affected Platforms:
  - Google Chrome versions prior to 148.0.7778.167 (exclusive)
  - Microsoft Edge versions prior to 148.0.3967.70 (exclusive)
  - Vivaldi versions prior to 7.9.3970.67 (exclusive)
  - Brave versions prior to 1.90.122 (exclusive)
- Recommended Actions:
  1. Please update Google Chrome to version 148.0.7778.167 (inclusive) or later
     - https://support.google.com/chrome/answer/95414?hl=zh-Hant
  2. Please update Microsoft Edge to version 148.0.3967.70 (inclusive) or later
     - 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 7.9.3970.67 (inclusive) or later
     - https://help.vivaldi.com/desktop/install-update/update-vivaldi/
  4. Please update Brave to version 1.90.122 (inclusive) or later
     - https://community.brave.com/t/how-to-update-brave/384780
- 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://chromereleases.googleblog.com/2026/05/stable-channel-update-for-desktop_12.html
  6. https://msrc.microsoft.com/update-guide/en-US/vulnerability/CVE-2026-8509
  7. https://vivaldi.com/blog/desktop/minor-update-nine-7-10/

8. https://brave.com/latest/

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