



# CVE-2021-3796

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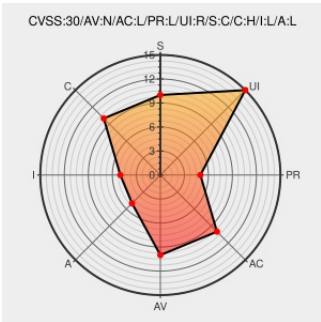
Last Modified on: 10/16/2021 11:15:00 PM UTC

**CVE-2021-3796** - advisory for ab60b7f3-6fb1-4ac2-a4fa-4d592e08008d

[Source: Mitre](#)

[Source: Nist](#)

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Certain versions of **Vim** from **Vim** contain the following vulnerability:  
vim is vulnerable to Use After Free

CVE-2021-3796 has been assigned by security@huntr.dev to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: **vim** - **vim/vim** version **<= 8.2.3428**

CVSS3 Score: **7.3 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
<b>LOCAL</b>	<b>LOW</b>	<b>NONE</b>	<b>REQUIRED</b>
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
<b>UNCHANGED</b>	<b>HIGH</b>	<b>LOW</b>	<b>HIGH</b>

CVSS2 Score: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
<b>NETWORK</b>	<b>MEDIUM</b>	<b>NONE</b>
Confidentiality Impact	Integrity Impact	Availability Impact
<b>PARTIAL</b>	<b>PARTIAL</b>	<b>PARTIAL</b>

## CVE References

Description	Tags	Link
patch 8.2.3428: using freed memory when replacing · vim/vim@35a9a00 · GitHub	<a href="#">github.com</a> <a href="#">application/octet-stream</a>	<b>MISC</b> <a href="https://github.com/vim/vim/commit/35a9a00afcb20897d462a766793ff45534810dc3">github.com/vim/vim/commit/35a9a00afcb20897d462a766793ff45534810dc3</a>

[SECURITY] Fedora 34 Update:  
vim-8.2.3512-1.fc34 - package-  
announce - Fedora Mailing-Lists

[lists.fedoraproject.org](https://lists.fedoraproject.org)

text/html

 FEDORA FEDORA-2021-968f57ec98

oss-security - 3 new CVE's in vim

[www.openwall.com](https://www.openwall.com)

text/html

 MLIST [oss-security] 20210930 3 new CVE's in vim

huntr: Use After Free Vim script  
Vulnerability in vim

[huntr.dev](https://huntr.dev)

text/html

 CONFIRM [huntr.dev/bounties/ab60b7f3-6fb1-4ac2-a4fa-4d592e08008d](https://huntr.dev/bounties/ab60b7f3-6fb1-4ac2-a4fa-4d592e08008d)

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## Related QID Numbers

[198522](#) Ubuntu Security Notification for Vim Vulnerabilities (USN-5093-1)


[281990](#) Fedora Security Update for vim (FEDORA-2021-968f57ec98)

## Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	<a href="#">Vim</a>	<a href="#">Vim</a>	All	All	All	All
cpe:2.3:a:vim:vim:*.***.***.***:						

No vendor comments have been submitted for this CVE

## Social Mentions

Source	Title	Posted (UTC)
 @CVEreport	CVE-2021-3796 : vim is vulnerable to Use After Free... <a href="https://cve.report/CVE-2021-3796">cve.report/CVE-2021-3796</a>	2021-09-15 12:37:30

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