

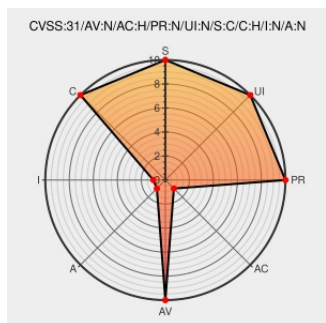


CVE-2020-4075

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CVE-2020-4075 - advisory for GHSA-f9mq-jph6-9mhm

[Source: Mitre](#)[Source: NIST](#)[CVE.ORG](#)[Print: PDF](#)

Certain versions of [Electron](#) from [Electronjs](#) contain the following vulnerability:

In Electron before versions 7.2.4, 8.2.4, and 9.0.0-beta21, arbitrary local file read is possible by defining unsafe window options on a child window opened via `window.open`. As a workaround, ensure you are calling `event.preventDefault()` on all new-window events where the ``url`` or ``options`` is not something you expect. This is fixed in versions 9.0.0-beta.21, 8.2.4 and 7.2.4.

CVE-2020-4075 has been assigned by [security-advisories@github.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [electron](#) - `electron` version `>= 9.0.0-beta.0, <= 9.0.0-beta.20`

Affected Vendor/Software: [electron](#) - `electron` version `>= 8.0.0, < 8.2.4`

Affected Vendor/Software: [electron](#) - `electron` version `< 7.2.4`

CVSS3 Score: **7.5 - HIGH**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	HIGH	NONE	NONE

CVSS2 Score: **2.1 - LOW**

Access Vector	Access Complexity	Authentication
LOCAL	LOW	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	NONE	NONE

CVE References		
Description	Tags	Link
Arbitrary file read via window-open IPC · Advisory · electron/electron · GitHub	Third Party Advisory github.com text/html	 CONFIRM github.com/electron/electron/security/advisories/GHSA-f9mq-jph6-9mhm
Stable Releases Electron	Release Notes Vendor Advisory www.electronjs.org text/html	 MISC www.electronjs.org/releases/stable?page=3#release-notes-for-v824
By selecting these links, you may be leaving CVEreport webspace. We have provided these links to other websites because they may have information that would be of interest to you. No inferences should be drawn on account of other sites being referenced, or not, from this page. There may be other websites that are more appropriate for your purpose. CVEreport does not necessarily endorse the views expressed, or concur with the facts presented on these sites. Further, CVEreport does not endorse any commercial products that may be mentioned on these sites. Please address comments about any linked pages to comment@cve.report.		

Related QID Numbers
983182 Nodejs (npm) Security Update for electron (GHSA-f9mq-jph6-9mhm)

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Electronjs	Electron	All	All	All	All
Application	Electronjs	Electron	9.0.0	-	All	All
Application	Electronjs	Electron	9.0.0	beta1	All	All
Application	Electronjs	Electron	9.0.0	beta10	All	All
Application	Electronjs	Electron	9.0.0	beta11	All	All
Application	Electronjs	Electron	9.0.0	beta12	All	All
Application	Electronjs	Electron	9.0.0	beta13	All	All
Application	Electronjs	Electron	9.0.0	beta14	All	All
Application	Electronjs	Electron	9.0.0	beta15	All	All
Application	Electronjs	Electron	9.0.0	beta16	All	All
Application	Electronjs	Electron	9.0.0	beta17	All	All
Application	Electronjs	Electron	9.0.0	beta18	All	All
Application	Electronjs	Electron	9.0.0	beta19	All	All
Application	Electronjs	Electron	9.0.0	beta2	All	All
Application	Electronjs	Electron	9.0.0	beta20	All	All
Application	Electronjs	Electron	9.0.0	beta3	All	All
Application	Electronjs	Electron	9.0.0	beta4	All	All
Application	Electronjs	Electron	9.0.0	beta5	All	All
Application	Electronjs	Electron	9.0.0	beta6	All	All
Application	Electronjs	Electron	9.0.0	beta7	All	All

Application	Electronjs	Electron	9.0.0	beta7	All	All
Application	Electronjs	Electron	9.0.0	beta8	All	All
Application	Electronjs	Electron	9.0.0	beta9	All	All
Application	Electronjs	Electron	All	All	All	All
Application	Electronjs	Electron	9.0.0	-	All	All
Application	Electronjs	Electron	9.0.0	beta1	All	All
Application	Electronjs	Electron	9.0.0	beta10	All	All
Application	Electronjs	Electron	9.0.0	beta11	All	All
Application	Electronjs	Electron	9.0.0	beta12	All	All
Application	Electronjs	Electron	9.0.0	beta13	All	All
Application	Electronjs	Electron	9.0.0	beta14	All	All
Application	Electronjs	Electron	9.0.0	beta15	All	All
Application	Electronjs	Electron	9.0.0	beta16	All	All
Application	Electronjs	Electron	9.0.0	beta17	All	All
Application	Electronjs	Electron	9.0.0	beta18	All	All
Application	Electronjs	Electron	9.0.0	beta19	All	All
Application	Electronjs	Electron	9.0.0	beta2	All	All
Application	Electronjs	Electron	9.0.0	beta20	All	All
Application	Electronjs	Electron	9.0.0	beta3	All	All
Application	Electronjs	Electron	9.0.0	beta4	All	All
Application	Electronjs	Electron	9.0.0	beta5	All	All
Application	Electronjs	Electron	9.0.0	beta6	All	All
Application	Electronjs	Electron	9.0.0	beta7	All	All
Application	Electronjs	Electron	9.0.0	beta8	All	All
Application	Electronjs	Electron	9.0.0	beta9	All	All
cpe:2.3:a:electronjs:electron:*.*.*.*.*.*.*.*.						
cpe:2.3:a:electronjs:electron:9.0.0:-:*.*.*.*.*.*.*.						
cpe:2.3:a:electronjs:electron:9.0.0:beta1:*.*.*.*.*.*.*.						
cpe:2.3:a:electronjs:electron:9.0.0:beta10:*.*.*.*.*.*.*.						
cpe:2.3:a:electronjs:electron:9.0.0:beta11:*.*.*.*.*.*.*.						
cpe:2.3:a:electronjs:electron:9.0.0:beta12:*.*.*.*.*.*.*.						
cpe:2.3:a:electronjs:electron:9.0.0:beta13:*.*.*.*.*.*.*.						
cpe:2.3:a:electronjs:electron:9.0.0:beta14:*.*.*.*.*.*.*.						
cpe:2.3:a:electronjs:electron:9.0.0:beta15:*.*.*.*.*.*.*.						

```
cpe:2.3:a:electronjs:electron:9.0.0:beta16:*:*:*:*:*:
```

cpe:2.3:a:electronjs:electron:9.0.0:beta17:*:*:*:*:*:

```
cpe:2.3:a:electronjs:electron:9.0.0:beta18:*:*:*:*:*:
```

```
cpe:2.3:a:electronjs:electron:9.0.0:beta19:*:*:*:*:*:
```

cpe:2.3:a:electronjs:electron:9.0.0:beta2:*:*:*:*:*:

cpe:2.3:a:electronjs:electron:9.0.0:beta20:*:*:*:*:*:

```
cpe:2.3:a:electronjs:electron:9.0.0:beta3:*:*:*:*:*:
```

cpe:2.3:a:electronjs:electron:9.0.0:beta4:*:*:*:*:*:

cpe:2.3:a:electronjs:electron:9.0.0:beta5:*:*:*:*:*:

cpe:2.3:a:electronjs:electron:9.0.0:beta6:*:*:*:*:*:

```
cpe:2.3:a:electronjs:electron:9.0.0:beta7:*:*:*:*:*:
```

cpe:2.3:a:electronjs:electron:9.0.0:beta8:*:*:*:*:*:

cpe:2.3:a:electronjs:electron:9.0.0:beta9:*:*:*:*:*:

cpe:2.3:a:electronjs:electron:*:*:*:*:*:*:

cpe:2.3:a:electronjs:electron:9.0.0:-:*:*:*:*:*:

cpe:2.3:a:electronjs:electron:9.0.0:beta1:*:*:*:*:*:

```
cpe:2.3:a:electronjs:electron:9.0.0:beta10:*:*:*:*:*:
```

```
cpe:2.3:a:electronjs:electron:9.0.0:beta11:*:*:*:*:*:
```

cpe:2.3:a:electronjs:electron:9.0.0:beta12:*:*:*:*:*:

```
cpe:2.3:a:electronjs:electron:9.0.0:beta13:*:*:*:*:*:*
```

cpe:2.3:a:electronjs:electron:9.0.0:beta14:*:*:*:*:*:

```
cpe:2.3:a:electronjs:electron:9.0.0:beta15:*:*:*:*:*:
```

```
cpe:2.3:a:electronjs:electron:9.0.0:beta16:*:*:*:*:*:
```

```
cpe:2.3:a:electronjs:electron:9.0.0:beta17:*:*:*:*:*:
```

cpe:2.3:a:electronjs:electron:9.0.0:beta18:*:*:*:*:*:

cpe:2.3:a:electronjs:electron:9.0.0:beta19:*:*:*:*:*:

cpe:2.3:a:electronjs:electron:9.0.0:beta2:*:*:*:*:*:

cpe:2.3:a:electronjs:electron:9.0.0:beta20:*:*:*:*:*

cpe:2.3:a:electronjs:electron:9.0.0:beta3:*****:
cpe:2.3:a:electronjs:electron:9.0.0:beta4:*****:
cpe:2.3:a:electronjs:electron:9.0.0:beta5:*****:
cpe:2.3:a:electronjs:electron:9.0.0:beta6:*****:
cpe:2.3:a:electronjs:electron:9.0.0:beta7:*****:
cpe:2.3:a:electronjs:electron:9.0.0:beta8:*****:
cpe:2.3:a:electronjs:electron:9.0.0:beta9:*****:

No vendor comments have been submitted for this CVE

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Source	Title	Posted (UTC)
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