



CVE-2020-7708

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

S:S:31/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H/E:P/R:L/O/R



Certain versions of [Irrelon-path](#) from [Irrelon](#) contain the following vulnerability:

The package `irrelon-path` before 4.7.0; the package `@irrelon/path` before 4.7.0 are vulnerable to Prototype Pollution via the `set`, `unSet`, `pushVal` and `pullVal` functions.

CVE-2020-7708 has been assigned by report@snyk.io to track the vulnerability - currently rated as **CRITICAL** severity.

CVSS3 Score: **9.8 - CRITICAL**

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

CVSS2 Score: **7.5 - HIGH**

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

CVE References

Description	Tags	Link
Prototype Pollution in <code>@irrelon/path</code> Snyk	Broken Link snyk.io text/html	MISC snyk.io/vuln/SNYK-JS-IRRELONPATH-598673
Prototype Pollution in <code>irrelon-path</code> Snyk	Broken Link	MISC snyk.io/vuln/SNYK-JS-IRRELONPATH-598672

snyk.io
text/html

Fixed functions with prototype pollution vulnerability ·
Irrelon/irrelon-path@8a126b1 · GitHub

Patch
Third Party Advisory
github.com
text/html

MISC github.com/Irrelon/irrelon-path/commit/8a126b160c1a854ae511659c111413ad9910ebe3

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Related QID Numbers

981856 Nodejs (npm) Security Update for @irrelon/path (GHSA-j7cg-h9v9-6vqp)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Irrelon	Irrelon-path	All	All	All	All
Application	Irrelon	Irrelon-path	All	All	All	All
Application	Irrelon	@irrelon/path	All	All	All	All
Application	Irrelon	@irrelon/path	All	All	All	All
cpe:2.3:a:irrelon:irrelon-path:*:*:*:*:node.js:*:*:						
cpe:2.3:a:irrelon:irrelon-path:*:*:*:*:node.js:*:*:						
cpe:2.3:a:irrelon:\@irrelon\path:*:*:*:*:node.js:*:*:						
cpe:2.3:a:irrelon:\@irrelon\path:*:*:*:*:node.js:*:*:						

Discovery Credit

NerdJS

Social Mentions

Source	Title	Posted (UTC)
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