CVE-2019-10745

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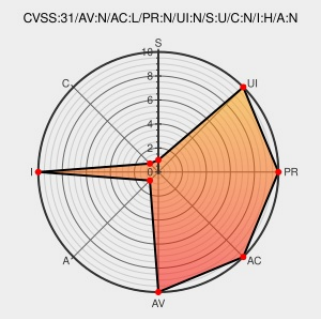
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Assign-deep from Assign-deep Project contain the following vulnerability:

assign-deep is vulnerable to Prototype Pollution in versions before 0.4.8 and version 1.0.0. The function assign-deep could be tricked into adding or modifying properties of Object.prototype using either a constructor or a _proto_ payload.

CVE-2019-10745 has been assigned by report@snyk.io to track the vulnerability - currently rated as HIGH severity.

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	NONE	HIGH	NONE

CVSS2 Score: 5 - MEDIUM

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

CVE References

Description	Tags	Link
Prototype Pollution in assign-deep | Snyk	Exploit Patch Third Party Advisory snyk.io text/html	CONFIRM snyk.io/vuln/SNYK-JS-ASSIGNDEEP-450211

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Related QID Numbers

983804 Nodejs (npm) Security Update for assign-deep (GHSA-66rh-8fw6-59q6)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Assign-deep Project	Assign-deep	All	All	All	All
Application	Assign-deep Project	Assign-deep	1.0.0	All	All	All
Application	Assign-deep Project	Assign-deep	All	All	All	All
Application	Assign-deep Project	Assign-deep	1.0.0	All	All	All

cpe:2.3:a:assign-deep_project:assign-deep:*:*:*:*:*:node.js:*:*:

cpe:2.3:a:assign-deep_project:assign-deep:1.0.0:*:*:*:*:node.js:*:*:

cpe:2.3:a:assign-deep_project:assign-deep:*:*:*:*:*:node.js:*:*:

cpe:2.3:a:assign-deep_project:assign-deep:1.0.0:*:*:*:*:node.js:*:*:

No vendor comments have been submitted for this CVE

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