



CVE-2019-10798

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CVE-2019-10798

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

Certain versions of [Rdf-graph-array](#) from [Rdf-graph-array Project](#) contain the following vulnerability:

rdf-graph-array through 0.3.0-rc6 manipulation of JavaScript objects resulting in Prototype Pollution. The `rdf.Graph.prototype.add` method could be tricked into adding or modifying properties of `Object.prototype`.

CVE-2019-10798 has been assigned by [report@snyk.io](#) to track the vulnerability - currently rated as **MEDIUM** severity.

CVSS3 Score: **5.3 - MEDIUM**

Attack Vector	Attack Complexity	Privileges Required	User Interaction
NETWORK	LOW	NONE	NONE
Scope	Confidentiality Impact	Integrity Impact	Availability Impact
UNCHANGED	NONE	LOW	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
rdf-graph-array/index.js at master · rdf-ext-archive/rdf-graph-array · GitHub	Exploit Tool Signature github.com text/html	MISC github.com/rdf-ext-archive/rdf-graph-array/blob/master/index.js#L211

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Related QID Numbers

982774 Nodejs (npm) Security Update for rdf-graph-array (GHSA-prv2-xwr7-hr57)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Rdf-graph-array Project	Rdf-graph-array	0.3.0	-	All	All
Application	Rdf-graph-array Project	Rdf-graph-array	0.3.0	rc1	All	All
Application	Rdf-graph-array Project	Rdf-graph-array	0.3.0	rc6	All	All
Application	Rdf-graph-array Project	Rdf-graph-array	0.3.0	-	All	All
Application	Rdf-graph-array Project	Rdf-graph-array	0.3.0	rc1	All	All
Application	Rdf-graph-array Project	Rdf-graph-array	0.3.0	rc6	All	All
cpe:2.3:a:rdf-graph-array_project:rdf-graph-array:0.3.0:-:*:*:node.js:*:*:						
cpe:2.3:a:rdf-graph-array_project:rdf-graph-array:0.3.0:rc1:*:*:node.js:*:*:						
cpe:2.3:a:rdf-graph-array_project:rdf-graph-array:0.3.0:rc6:*:*:node.js:*:*:						
cpe:2.3:a:rdf-graph-array_project:rdf-graph-array:0.3.0:-:*:*:node.js:*:*:						
cpe:2.3:a:rdf-graph-array_project:rdf-graph-array:0.3.0:rc1:*:*:node.js:*:*:						
cpe:2.3:a:rdf-graph-array_project:rdf-graph-array:0.3.0:rc6:*:*:node.js:*:*:						

No vendor comments have been submitted for this CVE