CVE-2020-13110

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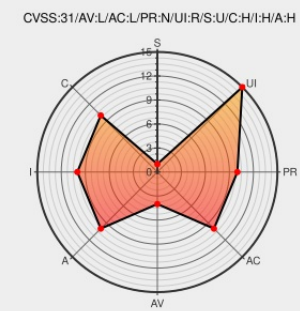
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



Certain versions of Kerberos from Kerberos Project contain the following vulnerability:

The kerberos package before 1.0.0 for Node.js allows arbitrary code execution and privilege escalation via injection of malicious DLLs through use of the kerberos_sspi LoadLibrary() method, because of a DLL path search.

CVE-2020-13110 has been assigned by cve@mitre.org to track the vulnerability - currently rated as HIGH severity.

CVSS3 Score: 7.8 - HIGH

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

CVSS2 Score: 6.9 - MEDIUM

Access Vector	Access Complexity	Authentication
LOCAL	MEDIUM	NONE
Confidentiality Impact	**Integrity Impact**	**Availability Impact**
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
DLL Injection Attack in Kerberos NPM package | by Dan Shallom | Medium	Exploit Mitigation Third Party Advisory medium.com text/html	MISC medium.com/@kiddo_Ha3ker/dll-injection-attack-in-kerberos-npm-package-cb4b32031cd

Overview	Third Party Advisory www.npmjs.com text/html	MISC www.npmjs.com/advisories/1514
OP Innovate on LinkedIn: DLL Injection Attack in Kerberos NPM package	Third Party Advisory www.linkedin.com text/html	MISC www.linkedin.com/posts/op-innovate_dll-injection-attack-in-kerberos-npm-package-activity-6667043749547253760-kVIW
DLL Injection Attack in Kerberos NPM package – OP Innovate	Exploit Mitigation Third Party Advisory www.op-c.net text/html	MISC www.op-c.net/2020/05/15/dll-injection-attack-in-kerberos-npm-package/

There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Kerberos Project	Kerberos	All	All	All	All
Application	Kerberos Project	Kerberos	All	All	All	All

cpe:2.3:a:kerberos_project:kerberos:*:*:*:*:*:node.js:*:*:

cpe:2.3:a:kerberos_project:kerberos:*:*:*:*:*:node.js:*:*:

No vendor comments have been submitted for this CVE

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