CVE-2018-16789

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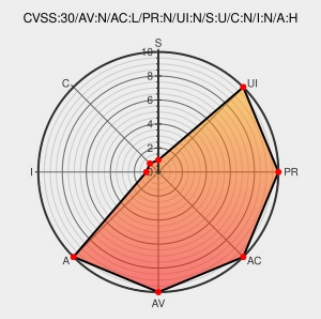
Source: Mitre | Source: NIST | CVE.ORG | Print: PDF



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

libhttp/url.c in shellinabox through 2.20 has an implementation flaw in the HTTP request parsing logic. By sending a crafted multipart/form-data HTTP request, an attacker could exploit this to force shellinaboxd into an infinite loop, exhausting available CPU resources and taking the service down.

CVE-2018-16789 has been assigned by cve@mitre.org 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	NONE	HIGH

CVSS2 Score: 7.8 - HIGH

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

CVE References

Description	Tags	Link
Full Disclosure: CVE-2018-16789: denial of service in shellinabox	Exploit Mailing List Patch	MISC seclists.org/fulldisclosure/2018/Oct/50

	Third Party Advisory seclists.org text/html	
Shell In A Box 2.2.0 Denial Of Service ≈ Packet Storm	Exploit Patch Third Party Advisory VDB Entry packetstormsecurity.com text/html	MISC packetstormsecurity.com/files/149978/Shell-In-A-Box-2.2.0-Denial-Of-Service.html
Rolling code for version 2.21 · shellinabox/shellinabox@4f0ecc3 · GitHub	Patch Third Party Advisory github.com text/html	CONFIRM github.com/shellinabox/shellinabox/commit/4f0ecc31ac6f985e0dd3f5a52cbfc0e
Google Code Archive - Long-term storage for Google Code Project Hosting.	Third Party Advisory code.google.com text/html	CONFIRM code.google.com/archive/p/shellinabox/issues

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There are currently no QIDs associated with this CVE

Known Affected Configurations (CPE V2.3)

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

cpe:2.3:a:shellinabox_project:shellinabox:*:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

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