CVE-2017-16763

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CVE-2017-16763

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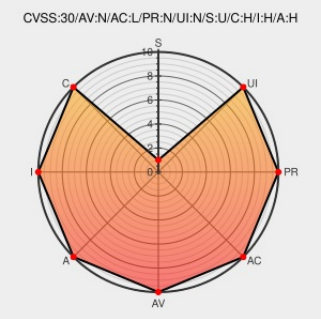

Certain versions of Confire from Confire Project contain the following vulnerability:

An exploitable vulnerability exists in the YAML parsing functionality in config.py in Confire 0.2.0. Due to the user-specific configuration being loaded from "~/.confire.yaml" using the yaml.load function, a YAML parser can execute arbitrary Python commands resulting in command execution. An attacker can insert Python into loaded YAML to trigger this vulnerability.

CVE-2017-16763 has been assigned by cve@mitre.org 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
load() method in class Configuration is vulnerable	Exploit, Third Party Advisory	MISC github.com/bbengfort/confire/issues/24

· Issue #24 · bbengfort/confire · GitHub	github.com text/html	
use safe load instead of load · bbengfort/confire@8cc86a5 · GitHub	Patch Third Party Advisory github.com text/html	CONFIRM github.com/bbengfort/confire/commit/8cc86a5ec2327e070f1d576d61bbaadf86
CVE-2017-16763: configure loaded through Confire - Joel	Exploit Third Party Advisory joel-malwarebenchmark.github.io text/html	MISC joel-malwarebenchmark.github.io/blog/2017/11/12/cve-2017-16763-configure-loaded-through-confire/

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Related QID Numbers

980993 Python (pip) Security Update for confire (GHSA-m85c-9mf8-m2m6)

Known Affected Configurations (CPE V2.3)

Type	Vendor	Product	Version	Update	Edition	Language
Application	Confire Project	Confire	0.2.0	All	All	All
Application	Confire Project	Confire	0.2.0	All	All	All

cpe:2.3:a:confire_project:confire:0.2.0:*:*:*:*:*:*:*:

cpe:2.3:a:confire_project:confire:0.2.0:*:*:*:*:*:*:*:

No vendor comments have been submitted for this CVE

← Previous ID

Next ID→

CVE.report and Source URL Uptime Status status.cve.report