



CVE-2019-15149

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

CVSS:30/AV:N/AC:L/PR:N/UI:N/S:U/C:H/I:H/A:H



Certain versions of [Mitogen](#) from [Networkgenomics](#) contain the following vulnerability:

**** DISPUTED **** core.py in Mitogen before 0.2.8 has a typo that drops the unidirectional-routing protection mechanism in the case of a child that is initiated by another child. The Ansible extension is unaffected. NOTE: the vendor disputes this issue because it is exploitable only in conjunction with hypothetical other factors, i.e., an affected use case

within a library caller, and a bug in the message receiver policy code that led to reliance on this extra protection mechanism.

CVE-2019-15149 has been assigned by [M](#) 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: **6.8 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	MEDIUM	NONE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	PARTIAL

CVE References

Description	Tags	Link
[Security] core.py	CVE	MISC

[security] core: undirectional routing wasn't respected in some cases · mitogen-hq/mitogen@5924af1 · GitHub

Patch
Third Party Advisory
github.com
text/html

MISC
github.com/dw/mitogen/commit/5924af1566763e48c42028399ea0cd95c457b3dc

Release Notes — Mitogen 0.2.6 documentation

Release Notes
mitogen.networkgenomics.com
text/html

MISC mitogen.networkgenomics.com/changelog.html#v0-2-8-2019-08-18

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Related QID Numbers

983477 Python (pip) Security Update for mitogen (GHSA-8rf6-w2mx-4xjh)

Known Affected Configurations (CPE V2.3)						
Type	Vendor	Product	Version	Update	Edition	Language
Application	Networkgenomics	Mitogen	All	All	All	All
Application	Networkgenomics	Mitogen	All	All	All	All
cpe:2.3:a:networkgenomics:mitogen:*.***.***.*:						
cpe:2.3:a:networkgenomics:mitogen:*.***.***.*:						

No vendor comments have been submitted for this CVE