



CVE-2018-18850

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

Certain versions of [Octopus Deploy](#) from [Octopus](#) contain the following vulnerability:

In Octopus Deploy 2018.8.0 through 2018.9.x before 2018.9.1, an authenticated user with permission to modify deployment processes could upload a maliciously crafted YAML configuration, potentially allowing for remote execution of arbitrary code, running in the same context as the Octopus Server (for self-hosted installations by default,

SYSTEM).

CVE-2018-18850 has been assigned by [M](#) cve@mitre.org to track the vulnerability - currently rated as **HIGH** severity.

CVSS3 Score: **8.8 - HIGH**

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

CVSS2 Score: **9 - HIGH**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
COMPLETE	COMPLETE	COMPLETE

CVE References

Description	Tags	Link
Remote Code Execution via malicious YAML configurations in some versions · Issue #5042 · OctopusDeploy/Issues · GitHub	Third Party Advisory github.com	MISC github.com/OctopusDeploy/Issues/issues/5042

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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	Octopus	Octopus Deploy	All	All	All	All
Application	Octopus	Octopus Deploy	All	All	All	All
Application	Octopus	Octopus Deploy	All	All	All	All
Application	Octopus	Octopus Server	All	All	All	All
Application	Octopus	Octopus Server	All	All	All	All
cpe:2.3:a:octopus:octopus_deploy:*****:*****:						
cpe:2.3:a:octopus:octopus_deploy:*****:*****:						
cpe:2.3:a:octopus:octopus_deploy:*****:*****:						
cpe:2.3:a:octopus:octopus_server:*****:*****:						
cpe:2.3:a:octopus:octopus_server:*****:*****:						

No vendor comments have been submitted for this CVE

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