



CVE-2018-15796

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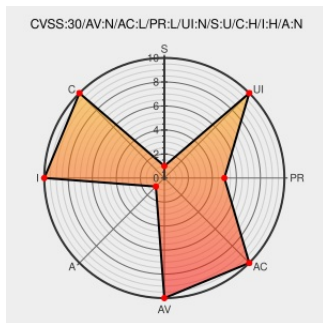
CVE-2018-15796

[Source: Mitre](#)

[Source: NIST](#)

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Certain versions of [Bits Service](#) from [Pivotal Software](#) contain the following vulnerability:

Cloud Foundry Bits Service Release, versions prior to 2.14.0, uses an insecure hashing algorithm to sign URLs. A remote malicious user may obtain a signed URL and extract the signing key, allowing them complete read and write access to the the Bits Service storage.

CVE-2018-15796 has been assigned by [security_alert@emc.com](#) to track the vulnerability - currently rated as **HIGH** severity.

Affected Vendor/Software: [Cloud Foundry](#) - **bits-service-release** version **2.14.0**

CVSS3 Score: **8.1 - HIGH**

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

CVSS2 Score: **5.5 - MEDIUM**

Access Vector	Access Complexity	Authentication
NETWORK	LOW	SINGLE
Confidentiality Impact	Integrity Impact	Availability Impact
PARTIAL	PARTIAL	NONE

CVE References

Description	Tags	Link
CVE-2018-15796: Signing Key Extraction in Bits Service Cloud Foundry	Vendor Advisory www.cloudfoundry.org text/html	CONFIRM www.cloudfoundry.org/blog/cve-2018-15796

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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	Pivotal Software	Bits Service	All	All	All	All
Application	Pivotal Software	Bits Service	All	All	All	All
cpe:2.3:a:pivotal_software:bits_service:*.*.*.*.*.*.*.:						
cpe:2.3:a:pivotal_software:bits_service:*.*.*.*.*.*.*.:						

No vendor comments have been submitted for this CVE

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